

Personal Systems Reference Lenovo IdeaCentre Desktops 2008 - 2013 Withdrawn

Last Update: April 2014 - Version 452



IdeaCentre K330



IdeaCentre B520

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory ⁸	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	USB 3.0	Win 7 preload	Avail date (mm/yy)
1168-1CU	5x4	i3-2120	3.30		2+4GB	1TB ²	Dock only	DVD±RW	Intel HD 2000	None	None	11b/g/n	280W	USB 3.0	Prem 64	08/12
1168-1DU	5x4	i5-2320	3.00	3.30	4GBx2	2TB	Dock only	DVD±RW	Intel HD 2000	None	None	11b/g/n	280W	USB 3.0	Prem 64	08/12

- **Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes**
- **Tool-free chassis design for easy upgrading and maintenance**
- **Optional Universal Storage Module portable HDD and dock**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache) , integrated Intel HD Graphics 2000, DDR3 memory controller (up to 1333MHz) Intel Core i5-2320 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache) , Turbo Boost Technology 2.0 (up to 3.30 GHz), integrated Intel HD Graphics 2000, DDR3 memory controller (up to 1333MHz) Processor in LGA1155 socket	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64
Implementation		Preloaded applications⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® AntiVirus Plus (60 days of virus definitions) • Adobe® Flash® Player • Power Control Switch • CyberLink Power2Go (DVD±RW, BD burner) • Cyberlink PowerDVD (BD burner) • Microsoft Office 2010 preloaded; purchase product key to activate • Windows Live Essentials
Memory	8GB max ⁸ , dual-channel capable, PC3-12800 1600MHz DDR3 , non-parity, two 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller	
Graphics	Intel HD Graphics 2000 , integrated graphics in processor, uses main memory, one VGA connector, one HDMI connector, HDCP-compliant	
SATA disk	1TB or 2TB , SATA 6.0Gb/s, 7200 rpm	
mSATA SSD	None	
USM portable disk	Hard disk dock only, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset	
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA cables	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)	
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)	
Chipset	Intel H61 Express Chipset	
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)	
Rear ports	Four USB 2.0, two USB 3.0 via optional USB 3.0 card on some models, ethernet (RJ-45), monitor (VGA, HDMI)	
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), High Definition (HD) audio, ALC662 codec	
Audio	None	
Speaker	None	
Wireless	11b/g/n wireless ⁴ , PCIe Half Mini Card, Realtek® RTL8188CE	
Ethernet	Gigabit ethernet on planar, Realtek RTL8111F-VB	
Modem	None	
TV tuner	None	
Remote control	None	
Keyboard	Full-size keyboard (USB connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), black	
Power supply	280 watts, universal, manual switch	
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal	
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk	
Slot	Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 * Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner / USB 3.0 card in slot or slot occupied by graphics adapter on some models	
		Limited Warranty¹ ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm) ➤ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ➤ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686

See footnotes for important warranty information
 US models withdrawn effective March 2014

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 (ROAT2-1) August 2012

Part number	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory ⁸	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	USB 3.0	Win8 preload	Avail date (mm/yy)
57308927	5x4	i3-3220	3.30		2+4GB	1TB ²	Dock only	DVD±RW	Intel HD 2500	None	None	11b/g/n	280W	USB 3.0	Win8 64	11/12
57308565	5x4	i5-3330	3.00	3.20	4GBx2	1TB	Dock only	DVD±RW	Intel HD 2500	None	None	11b/g/n	280W	USB 3.0	Win8 64	11/12
57308564	5x4	i7-3770	3.40	3.90	4GBx2	2TB	Dock only	DVD±RW	GF GT 620	None	None	11b/g/n	280W	USB 3.0	Win8 64	11/12

- **Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes**
- **Tool-free chassis design for easy upgrading and maintenance**
- **Optional Universal Storage Module portable HDD and dock**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache) , integrated Intel HD Graphics 2500, DDR3 memory controller (up to 1600MHz) Intel Core i5-3330 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache) , Turbo Boost Technology 2.0 (up to 3.20 GHz), integrated Intel HD Graphics 2500, DDR3 memory controller (up to 1600MHz) Intel Core i7-3770 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache) , Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz) Processor in LGA1155 socket	Preloaded operating system ²⁰ - Windows® 8 64-bit Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Cloud Storage by SugarSync • McAfee® Internet Security (30-Day Trial) • Power Control Switch • Adobe® Reader® • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft Office preloaded; purchase product key to activate • Intel AppUp® • AccuWeather • Evernote • Kindle • Lenovo Support • Lenovo Companion
Implementation		
Memory	8GB max ⁸ , dual-channel capable, PC3-12800 1600MHz DDR3 , non-parity, two 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller	
Graphics	<i>Some:</i> Intel HD Graphics 2500 , integrated graphics in processor, uses main memory, one VGA connector, one HDMI connector, HDCP-compliant <i>Some:</i> NVIDIA® GeForce® GT 620 , PCI Express® x16, 1GB memory, DirectX® 11, one VGA connector, one HDMI connector, HDCP-compliant	
SATA disk	1TB or 2TB , SATA 6.0Gb/s, 7200 rpm	
mSATA SSD	None	
USM portable disk	Hard disk dock only, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset	
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA cables	Two SATA cables (each 1-drop to device), three SATA 3.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)	
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)	
Chipset	Intel H61 Express Chipset	
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)	
Rear ports	Four USB 2.0, two USB 3.0 via optional USB 3.0 card on some moels, ethernet (RJ-45), monitor (VGA, HDMI)	
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), High Definition (HD) audio, ALC662 codec	
Audio	None	
Speaker	None	
Wireless	11b/g/n wireless ⁴ , PCIe Half Mini Card, Realtek® RTL8188CE	
Ethernet	Gigabit ethernet on planar, Realtek RTL8111F-VB	
Modem	None	
TV tuner	None	
Remote control	None	
Keyboard	Full-size keyboard (USB connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), black	
Power supply	280 watts, universal, manual switch	
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal	
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk	
Slot	Slot 1: half-length,full-height, PCI Express x16 Ver 2.0 * Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length,full-height, PCI Express x1 Ver 2.0 ** Slot 4: half-length,full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner / USB 3.0 card in slot or slot occupied by graphics adapter on some models	
		Limited Warranty ¹ ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ➤ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory ⁸	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	Keyboard/ Mouse	Win 7 preload	Avail date (mm/yy)
3109-1MU	5x4	i7-3770	3.40	3.90	4GBx3	2TB ²	Dock only	DVD±RW	GT 545 1.5G	None	None	11b/g/n	450W	USB	Prem 64	07/12
3109-1NU	5x4	i7-3770	3.40	3.90	4GBx2	2TB	Dock only	DVD±RW	GT 620 1G	None	None	11b/g/n	450W	USB	Prem 64	07/12
3109-2FU	5x4	i5-2320	3.00	3.30	4GBx3	2TB	Dock only	DVD±RW	GT 620 1G	None	None	11b/g/n	280W	USB	Prem 64	07/12
3109-2JU	5x4	i7-3770	3.40	3.90	4GBx2	2TB	Dock only	DVD±RW	GT 620 1G	None	None	11b/g/n	280W	USB	Prem 64	07/12
3109-2HU	5x4	i7-3770	3.40	3.90	4GBx3	2TB	Dock only	DVD±RW	GT 545 1.5G	None	None	11b/g/n	280W	USB	Prem 64	07/12

- **Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes**
- **Tool-free chassis design for easy upgrading and maintenance**
- **Optional Universal Storage Module portable HDD and dock**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i5-2320 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache) , Turbo Boost Technology 2.0 (up to 3.30 GHz), integrated Intel HD Graphics 2000, DDR3 memory controller (up to 1333MHz) Intel Core i7-3770 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache) , Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz) Processor in LGA1155 socket	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® AntiVirus Plus (60 days of virus definitions) • Adobe® Flash® Player • Power Control Switch • CyberLink Power2Go (DVD±RW, BD burner) • Cyberlink PowerDVD (BD burner) • Microsoft Office 2010 preloaded; purchase product key to activate • Windows Live Essentials
Implementation	Processor in LGA1155 socket	
Memory	32GB max ⁸ , dual-channel capable, PC3-12800 1600MHz DDR3 , non-parity, four 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller	
Graphics	<i>Some:</i> NVIDIA® GeForce® GT 620 , PCI Express® x16, 1GB memory, DirectX® 11, one VGA connector, one HDMI connector, HDCP-compliant <i>Some:</i> NVIDIA GeForce GT 545 , PCI Express x16, 1.5GB memory, DirectX 11, one VGA connector, one DVI-I connector, one HDMI connector, HDCP-compliant	
SATA disk	2TB , SATA 6.0Gb/s, 7200 rpm	
mSATA SSD	None	
USM portable disk	Hard disk dock only, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0 support	
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)	
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)	
Chipset	Intel Z75 Express Chipset	
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)	
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor (VGA, HDMI, DVI-I on selected models) * Onboard VGA and HDMI connectors are disabled on discrete models	
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Surround out L/R (3.5mm), S/PDIF out	
Audio	High Definition (HD) audio, ALC892 codec	
Speaker	None	
Wireless	11b/g/n wireless ⁴ , PCIe Half Mini Card, Realtek® RTL8188CE	
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E	
Modem	None	
TV tuner	None	
Remote control	None	
Keyboard	Full-size keyboard (USB connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), black	
Power supply	<i>Some:</i> 280 watts, universal, manual switch <i>Some:</i> 450 watts, universal, manual switch	
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal	
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk	
Slot	Slot 1: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner in slot or slot occupied by graphics adapter on some models	



Limited Warranty¹

- 1-year parts and labor
- Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm)
- Service upgrade options (in eligible locations):⁹
 - 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)
 - 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)
- 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

See footnotes for important warranty information
 US models withdrawn effective March 2014

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Part number	Slot x bay	Pro-cessor	Memory ⁸	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57308924	5x4	i5-3350P	4GBx3	1TB (RAID 0)	Dock only	DVD±RW	GT 620 1G	None	None	11b/g/n	280W	USB	Win8 64	11/12
57308925	5x4	i7-3770	4GBx3	2TB	Dock only	DVD±RW	GT 640 2G	None	None	11b/g/n	280W	USB	Win8 64	11/12
57311934	5x4	i7-3770	4GBx4	2TB	Dock only	DVD±RW	HD 7750 1G	None	None	11b/g/n	280W	USB	Win8 64	11/12

- **Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes**
- **Tool-free chassis design for easy upgrading and maintenance**
- **Optional Universal Storage Module portable HDD and dock**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Core™ i5-3350P Processor (4 cores / 4 threads, 3.10 GHz, 6M Cache), Turbo Boost Technology 2.0 (up to 3.30 GHz), DDR3 memory controller (up to 1600MHz) Intel Core i7-3770 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz) Processor in LGA1155 socket	Preloaded operating system²⁰ - Windows® 8 64-bit Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Cloud Storage by SugarSync • McAfee® Internet Security (30-Day Trial) • Power Control Switch • Adobe® Reader® • Nitro PDF • Cyberlink PowerDVD (DVD±RW) • Cyberlink Power2Go (DVD±RW) • Microsoft Office preloaded; purchase product key to activate • Intel AppUp® • AccuWeather • Evernote • Kindle • Lenovo Support • Lenovo Companion
Implementation		
Memory	32GB max ⁸ , dual-channel capable, PC3-12800 1600MHz DDR3 , non-parity, four 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller	
Graphics	<i>Some:</i> NVIDIA® GeForce® GT 620 , PCI Express® x16, 1GB DDR3, DirectX® 11, one VGA connector, one HDMI connector, HDCP-compliant <i>Some:</i> NVIDIA GeForce GT 640 , PCI Express x16, 2GB DDR3, DirectX 11, one VGA connector, one HDMI connector, HDCP-compliant <i>Some:</i> AMD Radeon™ HD 7750 , PCI Express x16, 1GB GDDR5, DirectX 11, one DisplayPort™ connector, one DVI-I connector, one HDMI connector, HDCP	
SATA disk	1TB (500GB x 2, preset RAID 0) or 2TB (2TB x 1), SATA 6.0Gb/s, 7200 rpm	
mSATA SSD	None	
USM portable disk	Hard disk dock only, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0 support	
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)	
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)	
Chipset	Intel Z75 Express Chipset	
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)	
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor* (VGA, HDMI, DVI-I, or DisplayPort, depends on graphics card) * Onboard VGA and HDMI connectors are disabled on discrete models	
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Surround out L/R (3.5mm), S/PDIF out	
Audio	High Definition (HD) audio, ALC892 codec	
Speaker	None	
Wireless	11b/g/n wireless ⁴ , PCIe Half Mini Card, Realtek® RTL8188CE	
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E	
Modem	None	
TV tuner	None	
Remote control	None	
Keyboard	Full-size keyboard (USB connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), black	
Power supply	280 watts, universal, manual switch	
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal	
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk	
Slot	Slot 1: half-length,full-height, PCI Express x16 Ver 3.0 * Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length,full-height, PCI Express x16 Ver 3.0 * Slot 4: half-length,full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner in slot or slot occupied by graphics adapter on some models	



Limited Warranty¹

➤ 1-year parts and labor

➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm)

➤ Service upgrade options (in eligible locations):⁹

- 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)
- 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)

➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

Part number	Slot x bay	Pro-cessor	Memory ⁸	SATA disk	USM portable disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Power supply	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57312227	5x4	i7-3770	4GBx4	2TB, 7200 rpm	None	BD burner	HD 7570 2G	None	None		625W	2.4G	Win8 64	02/13
57312225	5x4	i7-3770	4GBx4	2TB, 7200 rpm	500GB	DVD±RW	GT 630 2G	None	None	11b/g/n	625W	2.4G	Win8 64	03/13

- **Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes**
- **Tool-free chassis design for easy upgrading and maintenance**
- **Optional Universal Storage Module portable HDD and dock**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Core™ i7-3770 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz)		Preloaded operating system ²⁰ - Windows® 8 64-bit
Implementation	Processor in LGA1155 socket		
Memory	32GB max ⁸ , dual-channel capable, PC3-12800 1600MHz DDR3 , non-parity, four 240-pin DIMM sockets * System automatically clocks down for processors with 1333MHz memory controller		Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Cloud Storage by SugarSync • McAfee® Internet Security (30-Day Trial) • Power Control Switch • Adobe® Reader® • Nitro PDF • Cyberlink PowerDVD • Cyberlink Power2Go • Microsoft Office preloaded; purchase product key to activate • Intel AppUp® • AccuWeather • Evernote • Kindle • Lenovo Support • Lenovo Companion
Graphics	<i>Some:</i> AMD Radeon™ HD 7570 , PCI Express x16, 2GB memory, DirectX® 11, occupy two slots, one VGA connector, one HDMI connector, HDCP-compliant <i>Some:</i> NVIDIA GeForce GT 630 , PCI Express x16, 2GB DDR3, DirectX 11, one VGA connector, one HDMI connector, HDCP-compliant		
SATA disk	2TB (2TB x 1), SATA 6.0Gb/s, 7200 rpm		
mSATA SSD	None		
USM portable disk	<i>Some:</i> 500GB portable hard disk, supports SATA Universal Storage Module™ (USM) standard, includes USB 3.0 adapter and USB 3.0 cable		
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset, RAID 0 support		
SATA optical	Blu-ray™ burner, Blu-ray and DVD disk recordable		
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA (occupied on USM portable HDD models)		
Media reader	9-in-1 media reader (MS, MS Pro, SD, SDHC, SDXC, MMC, CF I/CF II, MD)		
Chipset	Intel Z75 Express Chipset		
Front ports	Two USB 3.0, microphone (3.5mm), headphone (3.5mm)		
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor* (VGA, HDMI, DVI-I, or DisplayPort, depends on graphics card) * Onboard VGA and HDMI connectors are disabled on discrete models		
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Surround out L/R (3.5mm), S/PDIF out		
Audio	High Definition (HD) audio, ALC892 codec		
Speaker	None		
Wireless	<i>Some:</i> 11b/g/n wireless ⁴ , PCIe Half Mini Card, Realtek® RTL8188CE		
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E		
Modem	None		
TV tuner	None		
Remote control	None		
Keyboard	2.4G wireless full-size keyboard, 6-row, black		
Mouse	2.4G wireless mouse, black		
Power supply	625 watts, universal, manual switch		
Machine	• Metal Gray (metal brush effect) • 6.89" W X 16.10" D X 14.17" H; 175mm W X 409mm D X 360mm H • From 24.6 lb (11.2 kg), weight may vary by configuration • Toolless cover removal • Toolless disk, optical drive removal		
Bay	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Bay ⑤ 3.5", 1" high, access, optional USM portable disk		
Slot	Slot 1: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x16 Ver 3.0 * Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 ** * Graphics adapter in slot on some models, some graphics adapters occupy two slots ** TV tuner in slot or slot occupied by graphics adapter on some models		

- **Power Control Switch; color-coded three-speed switch to easily choose between turbo, auto, and cool running modes**
- **Turbo-free chassis design for easy upgrading and maintenance**
- **Optional Universal Storage Module portable HDD and dock**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

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(BOAT1-2) December 2012



Lenovo IdeaCentre A520
with optional keyboard and mouse



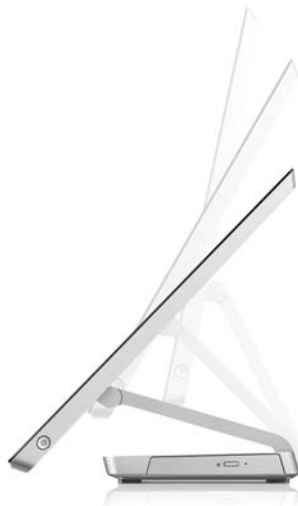
Lenovo IdeaCentre A520
(Some ports only for selected models)



Lenovo IdeaCentre A520



Lenovo IdeaCentre A520



Lenovo IdeaCentre A520



Lenovo IdeaCentre A520

Part number	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/Mouse	Win8 preload	Avail date (mm/yy)						
57312891	i3-3130M	4GBx1	23" FHD	Multi	Intel HD 4000	1TB	None	DVD±RW	11b/g/n ²⁸	None	None	120W	2.4G	Win8 64	02/13						
• Ultra slim 23" All-In-One PC with a frameless display • 10-point multi-touch technology for greater accuracy • Lenovo® Rescue System provides OneKey recovery without booting into Windows • Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2) • Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort																					
Processor	Intel® Core™ i3-3130M processor (2 cores / 4 threads, 2.60 GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 4000											Preloaded operating system²⁰ - Windows® 8 64-bit									
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller											Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Cloud Storage by SugarSync • Lenovo Eye Distance System • CyberLink YouCam • Dolby Home Theater • McAfee® Internet Security (30-Day Trial) • Cyberlink Power2Go (DVD±RW, BD player) • Adobe® Reader® • Nitro PDF • Cyberlink PowerDVD® (DVD±RW, BD player) • Touch Games (Touch models) • Education Portal • Microsoft Office preloaded; purchase product key to activate Intel AppUp® • AccuWeather • eBay • Evernote • Amazon Kindle • Lenovo Support • Rara Streaming • Lenovo Companion									
SATA optical	DVD burner, dual-layer support, not removable, 12.7mm high, tray-in																				
SATA disk	1TB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high																				
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset																				
mSATA™ SSD	None																				
Widescreen display	23" (584.2mm) Full HD (1920x1080) TFT color, VibrantView (glossy), LED backlight, Frameless design, IPS panel , 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, Viewing angle: 178° (+/- 89°) horizontal, 178° (+/- 89°) vertical Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch HD 720p Camera on top of screen, fixed focus, with digital microphone Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down																				
Multi-touch																					
Camera																					
Controls																					
Graphics	Intel HD Graphics 4000 , integrated in processor, uses main memory, DirectX® 11																				
Chipset	Mobile Intel HM76 Express Chipset																				
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)																				
Ports	Rear: Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) Side: One USB 3.0, HDMI in, HDMI out																				
PCIe Mini Card	Two PCI Express Mini Card slots																				
11b/g/n ²⁸	11b/g/n wireless ⁴ , Realtek® RTL8188CUS, via internal USB																				
TV tuner	None																				
Bluetooth™	Bluetooth 4.0 wireless																				
Modem	None																				
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F																				
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2) Power-on password, administrator password																				
Security												120-watt or 150-watt AC adapter ENERGY STAR® qualified RoHS-compliant									
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver																				
Mouse	2.4G wireless Laser Wheel Mouse, 1200dpi, silver																				
Remote control	None																				
Dimensions ³	(WxHxD): 22.35" x 17.4" x 8.9"; 567.8mm x 441.5mm x 224.8mm Monitor only (WxHxD): 22.35" x 13.9" x 0.96"; 567.8mm x 353.0mm x 24.5mm Base only (WxHxD): 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm															Limited Warranty¹² ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686					
Weight ²	21.60 lb (9.8kg), weight may vary by configuration																				
Chassis	Silver color; metal shell (Aluminium base cover and hinge), plastic back cover																				
Stand	Adjustable stand (between -5° and 90°)																				
Wall mount	None																				
Security lock	Kensington® Security slot on the rear of base																				

See footnotes for important warranty information
 US models withdrawn effective March 2014

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 (CUBA1-1) February 2013

Personal Systems Reference (PSREF)

- **Ultra slim 23" All-In-One PC with a frameless display**
- **10-point multi-touch technology for greater accuracy**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**
- **Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)**
- **Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort**

See footnotes for important warranty information
US models withdrawn effective March 2014



Lenovo IdeaCentre A720



Lenovo IdeaCentre A720



Lenovo IdeaCentre A720
with optional 3-in-1 mouse



Lenovo IdeaCentre A720



Lenovo IdeaCentre A720



Lenovo IdeaCentre A720

Type-model	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/Mouse	Win7 preload	Avail date (mm/yy)
2564-3FU	i5-3210M	4+2GB	27" FHD	Multi	GT 630M 1GB	500GB	None	BD player	11b/g/n ²⁸	ATSC	IR remote	150W	2.4G	Prem 64	07/12
2564-2FU	i7-3610QM	4GBx2	27" FHD	Multi	GT 630M 1GB	750GB	None	BD player	11b/g/n	ATSC	IR remote	150W	2.4G	Prem 64	07/12

- **Ultra slim 27" All-In-One PC with a frameless display; from just 24.5mm thin***
- **10-point multi-touch technology for greater accuracy**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**
- **Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)**
- **Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort**
- **These system are Microsoft® Office 2010 Product Key Ready (O10PKR)**

* Measured at thinnest point

Processor	Intel® Core™ i5-3210M processor (2 cores / 4 threads, 2.50 GHz, 3MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000 Intel Core i7-3610QM processor (4 cores / 8 threads, 2.30 GHz, 6MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.30GHz), integrated Intel HD Graphics 4000										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • Skype • Dolby Home Theater • Lenovo Camera Fun Zone • McAfee® Internet Security (30-Day Trial) • Cyberlink Power2Go (DVD±RW, BD player) • Cyberlink PowerDVD® (BD player) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – PhotoStudio Paint – Lenovo Ebook and Quick Notes • Touch Games (Touch models) – Angry Birds – Fruit Ninja – Snowflake Games (Air Hockey, Bugs, Card Collect, Piano, and Wong) • Windows Live Essentials • Microsoft Office 2010 preloaded; purchase product key to activate				
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller														
SATA Blu-ray™	Blu-ray disc reader (no Blu-ray media burning), DVD recordable, not removable, 12.7mm high, slot-in														
SATA disk	500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high														
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset														
mSATA™ SSD	None														
Widescreen display	27" (685.8mm) Full HD (1920x1080) TFT color, VibrantView (glossy), LED backlight, Frameless design, VA (Vertical Alignment) technology, 300 nits, 16:9 aspect ratio, 5000:1 contrast ratio														
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch														
Camera	HD 720p Camera on top of screen, supports H.264 encoding, Skype™ certified, fixed focus, with digital microphone														
Controls	Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down														
Graphics	NVIDIA GeForce® GT 630M , PCI Express® x16, 1GB or 2GB DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology														
Chipset	Mobile Intel HM76 Express Chipset														
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)														
Ports	Rear: Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) Side: One USB 3.0, HDMI in, HDMI out														
PCIe Mini Card	Two PCI Express Mini Card slots														
11b/g/n ²⁸	11b/g/n wireless ⁴ , Realtek® RTL8188CUS, via internal USB														
TV tuner	ATSC tuner, supports analog and digital signal, PCIe Mini Card														
Bluetooth™	Bluetooth 2.1 wireless + EDR														
Modem	None														
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F														
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)														
Security	Power-on password, administrator password														
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver														
Mouse	2.4G wireless Laser Wheel Mouse, 1200dpi, silver														
Remote control	MCE remote control, via IR														
Dimensions ³	(WxHxD): 25.9" x 19.3" x 8.9"; 658mm x 490.5mm x 224.8mm Monitor only (WxHxD): 25.9" x 15.8" x 0.98"; 658mm x 402mm x 24.9mm Base only (WxHxD): 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm 25.52 lb (11.6kg), weight may vary by configuration														
Weight ²															
Chassis	Silver color; metal shell (Aluminium base and hinge), plastic back cover														
Stand	Adjustable stand (between -5° and 90°)														
Wall mount	None														
Security lock	Kensington® Security slot on the rear of base														

See footnotes for important warranty information
 US models withdrawn effective March 2014

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 (COBR1-2) July 2012

Part number	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/Mouse	Win8 preload	Avail date (mm/yy)
57308559	i5-3210M	4+2GB	27" FHD	Multi	GT 630M 1GB	750GB	None	BD player	11b/g/n ²⁸	None	None	150W	2.4G	Win8 64	11/12
57308558	i7-3630QM	4GBx2	27" FHD	Multi	GT 630M 1GB	1TB	None	BD player	11b/g/n	None	None	150W	2.4G	Win8 64	11/12
57313504	i5-3230M	4+2GB	27" FHD	Multi	GT 630M 1GB	750GB	None	BD player	11b/g/n	None	None	150W	2.4G	Win8 64	02/13

- **Ultra slim 27" All-In-One PC with a frameless display; from just 24.5mm thin***
- **10-point multi-touch technology for greater accuracy**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**
- **Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)**
- **Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort**

* Measured at thinnest point

Processor	Intel® Core™ i5-3210M processor (2 cores / 4 threads, 2.50 GHz, 3MB cache) , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000 Intel Core i5-3230M processor (2 cores / 4 threads, 2.60 GHz, 3MB cache) , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.20GHz), integrated Intel HD Graphics 4000 Intel Core i7-3630QM processor (4 cores / 8 threads, 2.40GHz, 6MB cache) , DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.40GHz), integrated Intel HD Graphics 4000										Preloaded operating system²⁰ - Windows® 8 64-bit Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Cloud Storage by SugarSync • CyberLink YouCam • Dolby Home Theater • McAfee® Internet Security (30-Day Trial) • Cyberlink Power2Go (DVD±RW, BD player) • Adobe® Reader® • Nitro PDF • Cyberlink PowerDVD® (BD player) • Touch Games (Touch models) • Education Portal • Microsoft Office preloaded; purchase product key to activate • Intel AppUp® • AccuWeather • eBay • Evernote • Skype • Amazon Kindle • Lenovo Support • Rara Streaming • Lenovo Companion					
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller															
SATA Blu-ray™	Blu-ray disc reader (no Blu-ray media burning), DVD recordable, not removable, 12.7mm high, slot-in															
SATA disk	750GB (5400 rpm) or 1TB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high															
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset															
mSATA™ SSD	None															
Widescreen display	27" (685.8mm) Full HD (1920x1080) TFT color, VibrantView (glossy), LED backlight, Frameless design, VA (Vertical Alignment) technology, 300 nits, 16:9 aspect ratio, 5000:1 contrast ratio															
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch															
Camera	HD 720p Camera on top of screen, supports H.264 encoding, Skype™ certified, fixed focus, with digital microphone															
Controls	Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down															
Graphics	NVIDIA GeForce® GT 630M , PCI Express® x16, 1GB or 2GB DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology															
Chipset	Mobile Intel HM76 Express Chipset															
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)															
Ports	Rear: Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) Side: One USB 3.0, HDMI in, HDMI out															
PCIe Mini Card	Two PCI Express Mini Card slots															
11b/g/n ²⁸	11b/g/n wireless ⁴ , Realtek® RTL8188CUS, via internal USB															
TV tuner	None															
Bluetooth™	Bluetooth 4.0 wireless															
Modem	None															
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F															
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)															
Security	Power-on password, administrator password															
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver															
Mouse	2.4G wireless Laser Wheel Mouse, 1200dpi, silver															
Remote control	None															
Dimensions ³	(WxHxD): 25.9" x 19.3" x 8.9"; 658mm x 490.5mm x 224.8mm Monitor only (WxHxD): 25.9" x 15.8" x 0.98"; 658mm x 402mm x 24.9mm Base only (WxHxD): 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm 25.52 lb (11.6kg), weight may vary by configuration															
Weight ²	Silver color; metal shell (Aluminium base and hinge), plastic back cover															
Chassis	Adjustable stand (between -5° and 90°)															
Stand	None															
Wall mount	None															
Security lock	Kensington® Security slot on the rear of base															

See footnotes for important warranty information
 US models withdrawn effective March 2014

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Type-model	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/Mouse	Win7 preload	Avail date (mm/yy)
2564-5CU	i7-3610QM	4GBx2	27" FHD	Multi	GT 630M 2GB	1TB		BD player	11b/g/n ²⁸	ATSC	IR remote	150W	2.4G	Prem 64	06/12
2564-6CU	i7-3610QM	4GBx2	27" FHD	Multi	GT 630M 2GB	1TB		BD player	11b/g/n	ATSC	IR remote	150W	2.4G	Prem 64	06/12
2564-7CU	i7-3610QM	4GBx2	27" FHD	Multi	GT 630M 2GB	1TB	64GB	BD player	11b/g/n	ATSC	IR remote	150W	2.4G	Prem 64	06/12
2564-3CU	i7-3610QM	4GBx2	27" FHD	Multi	GT 630M 1GB	1TB		DVD±RW	11b/g/n			150W	2.4G	Prem 64	07/12

- **Ultra slim 27" All-In-One PC with a frameless display; from just 24.5mm thin***
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- **Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)**
- **Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort**
- **These system are Microsoft® Office 2010 Product Key Ready (O10PKR)**

* Measured at thinnest point

Processor	Intel® Core™ i7-3610QM processor (4 cores / 8 threads, 2.30 GHz, 6MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.30GHz), integrated Intel HD Graphics 4000	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • Skype • Dolby Home Theater • Lenovo Camera Fun Zone • McAfee® Internet Security (30-Day Trial) • Cyberlink Power2Go (DVD±RW, BD player) • Cyberlink PowerDVD® (BD player) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – PhotoStudio Paint – Lenovo Ebook and Quick Notes • Touch Games (Touch models) – Angry Birds – Fruit Ninja – Snowflake Games (Air Hockey, Bugs, Card Collect, Piano, and Wong) • Windows Live Essentials • Microsoft Office 2010 preloaded; purchase product key to activate
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller	
SATA optical	<i>Some:</i> DVD burner, dual-layer support, not removable, 12.7mm high, slot-in <i>Some:</i> Blu-ray™ disc reader (no Blu-ray media burning), DVD recordable, not removable, 12.7mm high, slot-in	
SATA disk	1TB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset	
mSATA™ SSD	<i>Some:</i> 64GB mSATA Solid State Drive (SSD), via PCIe Mini Card slot	
Widescreen display	27" (685.8mm) Full HD (1920x1080) TFT color, VibrantView (glossy), LED backlight, Frameless design, VA (Vertical Alignment) technology, 300 nits, 16:9 aspect ratio, 5000:1 contrast ratio	
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch	
Camera	HD 720p Camera on top of screen, supports H.264 encoding, Skype™ certified, fixed focus, with digital microphone	
Controls	Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down	
Graphics	NVIDIA GeForce® GT 630M , PCI Express® x16, 1GB or 2GB DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology	
Chipset	Mobile Intel HM76 Express Chipset	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)	
Ports	<i>Rear:</i> Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) <i>Side:</i> One USB 3.0, HDMI in, HDMI out	
PCIe Mini Card	Two PCI Express Mini Card slots	
11b/g/n ²⁸	11b/g/n wireless ⁴ , Realtek® RTL8188CUS, via internal USB	
TV tuner	<i>Some:</i> ATSC tuner, supports analog and digital signal, PCIe Mini Card	
Bluetooth™	Bluetooth 2.1 wireless + EDR	
Modem	None	
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F	
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)	
Security	Power-on password, administrator password	
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver	
Mouse	2.4G wireless Laser Wheel Mouse, 1200dpi, silver	
Remote control	<i>Some:</i> MCE remote control, via IR	
Dimensions ³	<i>(WxHxD):</i> 25.9" x 19.3" x 8.9"; 658mm x 490.5mm x 224.8mm <i>Monitor only (WxHxD):</i> 25.9" x 15.8" x 0.98"; 658mm x 402mm x 24.9mm <i>Base only (WxHxD):</i> 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm	
Weight ²	25.52 lb (11.6kg), weight may vary by configuration	
Chassis	Silver color; metal shell (Aluminium base and hinge), plastic back cover	
Stand	Adjustable stand (between -5° and 90°)	
Wall mount	None	
Security lock	Kensington® Security slot on the rear of base	

| | | 150-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant |
| | | **Limited Warranty**¹² - ⇒ **1-year parts and labor** - ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)** - ⇒ **Service upgrade options (in eligible locations):**⁹ - **2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)** - **3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)** - ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686** |

See footnotes for important warranty information
US models withdrawn effective March 2014

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Part number	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57312175	i7-3630QM	4GBx2	27" FHD	Multi	GT 630M 2GB	1TB	None	BD player	11b/g/n	ATSC	Remote	150W	2.4G	Win8 64	06/13

- **Ultra slim 27" All-In-One PC with a frameless display; from just 24.5mm thin***
- **10-point multi-touch technology for greater accuracy**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**
- **Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)**
- **Widely adjustable screen angle (from -5° to 90°) so you can use the touch-screen function in perfect comfort**

* Measured at thinnest point

Processor	Intel® Core™ i7-3630QM processor (4 cores / 8 threads, 2.40GHz, 6MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (up to 3.40GHz), integrated Intel HD Graphics 4000		Preloaded operating system ²⁰ - Windows® 8 64-bit Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Cloud Storage by SugarSync • CyberLink YouCam • Dolby Home Theater • McAfee® Internet Security (30-Day Trial) • Cyberlink Power2Go (DVD±RW, BD player) • Adobe® Reader® • Nitro PDF • Cyberlink PowerDVD® (BD player) • Touch Games (Touch models) • Education Portal • Microsoft Office preloaded; purchase product key to activate • Intel AppUp® • AccuWeather • eBay • Evernote • Skype • Amazon Kindle • Lenovo Support • Rara Streaming • Lenovo Companion
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller		
SATA Blu-ray™	Blu-ray disc reader (no Blu-ray media burning), DVD recordable, not removable, 12.7mm high, slot-in		
SATA disk	1TB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high		
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset		
mSATA™ SSD	None		
Widescreen display	27" (685.8mm) Full HD (1920x1080) TFT color, VibrantView (glossy), LED backlight, Frameless design, VA (Vertical Alignment) technology, 300 nits, 16:9 aspect ratio, 5000:1 contrast ratio		
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch		
Camera	HD 720p Camera on top of screen, supports H.264 encoding, Skype™ certified, fixed focus, with digital microphone		
Controls	Touch-sensitive buttons for display on/off, mode switch (PC / HDMI IN / AV IN), Novo Vision, volume up/down, brightness up/down		
Graphics	NVIDIA GeForce® GT 630M , PCI Express® x16, 1GB or 2GB DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology		
Chipset	Mobile Intel HM76 Express Chipset		
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)		
Ports	<i>Rear:</i> Two USB 2.0 and one USB 3.0, ethernet (RJ-45), TV tuner connector on some model, microphone (3.5 mm), headphone (3.5 mm) <i>Side:</i> One USB 3.0, HDMI in, HDMI out		
PCIe Mini Card	Two PCI Express Mini Card slots		
11b/g/n ²⁸	11b/g/n wireless ⁴ , Realtek® RTL8188CUS, via internal USB		
TV tuner	ATSC TV tuner, PCIe Mini Card		
Bluetooth™	Bluetooth 4.0 wireless		
Modem	None		
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111F		
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)		
Security	Power-on password, administrator password		
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, silver		
Mouse	2.4G wireless Laser Wheel Mouse N70, 1200dpi, silver		
Remote control	Remote control, via IR		
Dimensions ³	<i>(WxHxD):</i> 25.9" x 19.3" x 8.9"; 658mm x 490.5mm x 224.8mm <i>Monitor only (WxHxD):</i> 25.9" x 15.8" x 0.98"; 658mm x 402mm x 24.9mm <i>Base only (WxHxD):</i> 13.3" x 1.3" x 8.3"; 337mm x 32mm x 210.8mm		
Weight ²	25.52 lb (11.6kg), weight may vary by configuration		
Chassis	Silver color; metal shell (Aluminium base and hinge), plastic back cover		
Stand	Adjustable stand (between -5° and 90°)		
Wall mount	None		
Security lock	Kensington® Security slot on the rear of base		
			150-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant
			Limited Warranty ¹² ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

See footnotes for important warranty information
US models withdrawn effective March 2014

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(COBR1-4) June 2013



Horizon 27 Table PC
(Desktop mode)



Horizon 27 Table PC



Horizon 27 Table PC with unique
Aura UI (Table PC mode)



Horizon 27 Table PC with optional
strikers (Table PC mode)



Horizon 27 Table PC
Adjustable stand (between 15° and 90°)



Optional accessories
(e-dice, striker, and joystick)

Part number	Processor	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	mSATA SSD	PCIe Mini Card 802.11	TV tuner	Remote control	Battery	Keyboard/ Mouse	E-dice / Joystick / Striker	Win8 preload	Avail date (mm/yy)
57315058	i5-3337U	4GBx2	27" FHD	10-point	GT 620M 2GB	1TB	None	11b/g/n ²⁸	None	None	8-cell	2.4G	x1 / x2 / x2	Win8 64	05/13
57315077	i7-3537U	4GBx2	27" FHD	10-point	GT 620M 2GB	1TB	None	11b/g/n	None	None	8-cell	2.4G	x1 / x4 / x4	Win8 64	05/13

- **27" multi-mode computer that's both a Table PC and a Desktop**
- **Aura – an unique multi-user interface that allows two or more people to access different photos, videos, and music on the same screen**
- **Enjoy greater accuracy and ease of use with the 10-point multi-touch display, optimized for Windows 8**
- **Optional unique Table PC accessories (Joystick, Striker, and E-dice) – a completely new digital gaming experience combining the physical gaming accessory with the on-screen action in games like Air Hockey, Raiding Company, and Tycoon**
- **Optional battery providing up to 2hrs battery life so you can use the device anywhere at home without a power cable**
- **Dolby Home Theater v4 audio enhancement with two stereo speakers (3W x 2)**
- **Widely adjustable screen angle (from 15° to 90°) so you can use the touch-screen function in perfect comfort**

Processor	Intel® Core™ i5-3337U Processor (2 cores / 4 threads, 1.80GHz, 3MB Cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost Technology 2.0 (up to 2.70GHz), integrated Intel HD Graphics 4000 Intel Core i7-3537U processor (2 cores / 4 threads, 2.00GHz, 4MB cache), DDR3 memory controller (up to 1600MHz), Intel Turbo Boost Technology 2.0 (up to 3.10GHz), integrated Intel HD Graphics 4000			Preloaded operating system ²⁰ - Windows® 8 64-bit Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Lenovo Cloud Storage by SugarSync • Lenovo Eye Distance System • Lenovo App Shop • CyberLink YouCam • McAfee® Internet Security (30-Day) • Game Portal • Education Portal • Microsoft Office preloaded; purchase product key to activate • Aura • Lenovo Tycoon • Lenovo Texas Hold'em • Lenovo Roulette • Lenovo Air Hockey • Lenovo Fishing Joy • Lenovo Color Corner • Lenovo Best Guess • Angry Birds • Snowflake • Ubisoft® Raiding Company • Ubisoft King of Opera • Ubisoft Draw Race 2 HD • Open Labs StageLight • FilmOn LiveTV • BlueStacks App Player • EA™ Monopoly • Lenovo Support • Lenovo Companion		
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets					
SATA optical	None					
SATA disk	1TB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high					
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in chipset					
mSATA™ SSD	None					
Widescreen display	27.0" (685.7mm) Full HD (1920x1080) TFT color, LED backlight, Frameless design, MVA (Multi-domain Vertical Alignment) technology, 300 nits, 5000:1 contrast ratio, 16:9 aspect ratio, viewing angle (horizontal / vertical): 178° (+/- 89°)					
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch					
Camera	HD 720p Camera on top of screen, fixed focus, with dual array digital microphone					
Controls	Touch-sensitive buttons for screen rotation (press and hold for 5 seconds to lock/unlock touch buttons), mode switch (PC / HDMI-in / Monitor Off), brightness adjustment, volume up/down					
Graphics	NVIDIA® Optimus™ technology, auto-switch between discrete and integrated graphics, Intel HD Graphics 4000 in processor, and NVIDIA GeForce GT 620M, PCI Express® x16, 2GB DDR3 memory, DirectX® 11, NVIDIA CUDA™ technology					
Chipset	Mobile Intel HM76 Express Chipset					
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC, SDXC)					
Ports	Left side: Two USB 3.0, multicard reader, microphone (3.5 mm), headphone (3.5 mm), HDMI in Right side: None					
PCIe Mini Card	Three PCI Express Mini Card slots					
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card, Realtek® RTL8188CE or Atheros® AR9485					
TV tuner	None					
Bluetooth™	Bluetooth 4.0 wireless					
Modem	None					
Ethernet	None					
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / Dolby® Home Theater® v4 audio enhancement, stereo speakers (3 watt x 2)					
Security	Power-on password, administrator password					
Keyboard	2.4G Wireless Ultra Slim Keyboard, 6-row, silver					
Mouse	2.4G Wireless Laser Wheel Mouse N70, 1200dpi, silver					
Remote control	None					
Dimensions ³	(WxHxD): 27.19" x 16.95" x 1.17"; 690.5mm x 430.5mm x 29.8mm					
Weight ²	18.21 lb (8.26kg), weight may vary by configuration					
Chassis	Front: Black color; PC/ABS / Thermoplastic polyurethane (TPU) frame Rear: Silver color; metal hinge and stand (Aluminium alloy / Tool steel), PC/ABS back cover					
Stand	Adjustable stand (between 15° and 90°)					
Wall mount	None					
Security lock	None					
Battery - type	Optional battery on selected models, Lithium Polymer 8-cell, 98Wh					
Battery - life	Up to 2.0 hr					
Accessories	Some: E-dice(s)*, with USB charger and dongle, simply shake and roll like a real dice Some: Joystick(s)*, tilt to create directional motion during on-screen actions Some: Striker(s)*, push across screen to strike during on-screen actions * Only functional in selected games and applications					
				120-watt AC adapter ENERGY STAR® qualified RoHS-compliant		
				Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686		

See footnotes for important warranty information
 US models withdrawn effective March 2014



Lenovo IdeaCentre B305
with optional bluetooth keyboard and mouse



Lenovo IdeaCentre B305
AV IN and TV IN on some models



Lenovo IdeaCentre B305



Lenovo IdeaCentre B305
with optional PS/2 keyboard and USB mouse



Lenovo IdeaCentre B305



Lenovo IdeaCentre B305

Type-model	Processor	GHz	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	Keyboard/Mouse	Win7 preload	Avail date
4031-1FU	Athlon II X2 235e	2.70	4GB	21.5" FHD	Multi	3000	500GB ⁸	DVD±RW	11b/g/n ²⁸			PS2/USB	Prem 64	Jun 10
4031-3BU	Athlon II X2 235e	2.70	4GB	21.5" FHD	Multi	3000	1TB	DVD±RW	11b/g/n			BT/BT	Prem 64	Aug 10
4031-1GU	Athlon II X3 400e	2.20	4GB	21.5" FHD	Multi	HD 5450	640GB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Jun 10
4031-1HU	Athlon II X4 600e	2.20	4GB	21.5" FHD	Multi	HD 5450	1TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Jun 10
4031-3CU	Athlon II X2 235e	2.70	4GB	21.5" FHD	Multi	3000	1TB	DVD±RW	11b/g/n			BT/BT	Prem 64	Mar 11

- **All-In-One design with 21.5" Full HD 16:9 widescreen, multi-touch support**
- **(Selected models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft Office 2010 Product Key Ready (O10PKR)**

Processor	AMD® Athlon™ II X2 Processor 235e with dual-core, 4000MHz HyperTransport™ Bus, AMD Virtualization™ (AMD-V™) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (1MB per core) or AMD Athlon II X3 Processor 400e with triple-core, 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 1.5MB L2 cache (512KB per core) or AMD Athlon II X4 Processor 600e with quad-core, 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (512KB per core)		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – AutoCollage Touch • Windows Live Essential • Microsoft® Office 2010 preloaded; purchase product key to activate
Memory	4GB std / 4GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available		
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, tray-in; 500GB, 640GB , or 1TB , SATA 3.0Gb/s, 7200 rpm, 3.5" wide		
Widescreen display	21.5" (546.1mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight , 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio		
Camera Controls	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone Buttons for brightness up, brightness down, display on/off, and power on/off		
Graphics	<i>Some:</i> ATI™ Radeon™ 3000 , integrated graphics in 760G, uses main memory, DirectX® 10; <i>Some:</i> ATI Radeon HD 5450 , PCI Express® x16, 512MB memory, DirectX 11, ATI Avivo™ HD		
Chipset	AMD 760G Chipset with HyperTransport 3.0 and PCI Express 2.0 support; SB710 south bridge		<i>Integrated models:</i> 120-watt AC adapter <i>Discrete models:</i> 130-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)		
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV tuner connector on some models, IEEE 1394 FireWire 400 (4-pin connector) <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
PCIe Mini Card	Two PCI Express Mini Card slots		
11b/g/n ²⁸ TV tuner	11b/g/n wireless ⁴ , PCIe Mini Card, Broadcom® chip or Atheros chip <i>Some:</i> Hybrid tuner, support analog and digital signal, PCIe Mini Card		
Bluetooth™	Bluetooth 2.1 wireless + EDR		Limited Warranty ¹² ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686
Modem	None		
Ethernet	10/100 ethernet on planar, RealTek® RTL8103EL		
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (3 watt x 2)		
Security	Power-on password, administrator password		
Keyboard	<i>Some:</i> Bluetooth full-size keyboard, 6-row, 104-key, black <i>Some:</i> Full-size keyboard (PS/2 connector), Fn keys, black		
Mouse	<i>Some:</i> Bluetooth Optical Wheel Mouse, black <i>Some:</i> Optical Wheel Mouse (USB connector), black		
Remote control	<i>Some:</i> MCE remote control, via IR		
Dimensions ³	<i>(WxHxD):</i> 20.7" x 16.0" x 4.37"; 526mm x 407mm x 111mm		
Weight ²	<i>Touch models:</i> 24.7 lb (11.2kg)		
Chassis	Black color; ABS plastic		
Stand	Adjustable stand (between 15° and 40°)		

See footnotes for important warranty information
 US models withdrawn effective March 2014

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 (BBDS1-1) March 2011

Type-model	Processor	GHz	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	Keyboard/Mouse	Win7 preload	Avail date
4031-1RU	Athlon II X2 235e	2.70	2GB	21.5" FHD	Multi	HD 5450	320GB ⁸	DVD±RW	11b/g/n ²⁸	TV	IR remote	PS2/USB	Prem 64	Jun 10
4031-1QU	Athlon II X3 400e	2.20	4GB	21.5" FHD	Multi	HD 5450	500GB	DVD±RW	11b/g/n	TV	IR remote	PS2/USB	Prem 64	Jun 10
4031-1PU	Athlon II X4 600e	2.20	4GB	21.5" FHD	Multi	HD 5450	640GB	DVD±RW	11b/g/n	TV	IR remote	PS2/USB	Prem 64	Jun 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, multi-touch support**
- **(Selected models) Integrated TV tuner**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**

Processor	AMD® Athlon™ II X2 Processor 235e with dual-core, 4000MHz HyperTransport™ Bus, AMD Virtualization™ (AMD-V™) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (1MB per core) or AMD Athlon II X3 Processor 400e with triple-core, 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 1.5MB L2 cache (512KB per core) or AMD Athlon II X4 Processor 600e with quad-core, 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 tech, int DDR3 memory controller, and 2MB L2 cache (512KB per core)		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – AutoCollage Touch • Windows Live Essential • Microsoft® Office 2007 Trial (60-day)
Memory	2GB or 4GB std / 4GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; one socket available		
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, tray-in		
SATA disk	320GB , 500GB , or 640GB , SATA 3.0Gb/s, 7200 rpm, 3.5" wide		
Widescreen display	21.5" (546.1mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight , 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio		
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone		
Controls	Buttons for brightness up, brightness down, display on/off, and power on/off		
Graphics	ATI™ Radeon™ HD 5450 , PCI Express® x16, 512MB memory, DirectX® 11, ATI Avivo™ HD		
Chipset	AMD 760G Chipset with HyperTransport 3.0 and PCI Express 2.0 support; SB710 south bridge		
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)		
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV tuner connector on some models, IEEE 1394 FireWire 400 (4-pin connector) <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)		
PCIe Mini Card	Two PCI Express Mini Card slots		
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, Broadcom® chip or Atheros chip		
TV tuner	<i>Some:</i> Hybrid tuner, support analog and digital signal, PCIe Mini Card		
Bluetooth™	None		
Modem	None		
Ethernet	10/100 ethernet on planar, RealTek® RTL8103EL		
Audio support	High Definition (HD) Audio, RealTek ALC272 codec / stereo speakers (3 watt x 2)		
Security	Power-on password, administrator password		
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black		
Mouse	Optical Wheel Mouse (USB connector), black		
Remote control	<i>Some:</i> MCE remote control, via IR		
Dimensions ³	(WxHxD): 20.7" x 16.0" x 4.37"; 526mm x 407mm x 111mm		
Weight ²	<i>Touch models:</i> 24.7 lb (11.2kg)		
Chassis	Black color; ABS plastic		
Stand	Adjustable stand (between 15° and 40°)		
Discrete models: 130-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant			
Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6866			

See footnotes for important warranty information
 US models withdrawn effective March 2014

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Limited Warranty¹²

- ⇒ **1-year parts and labor**
- ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ⇒ **Service upgrade options (in eligible locations):⁹**
 - **2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)**
- ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**



Lenovo IdeaCentre B320
with optional Bluetooth keyboard and mouse



Lenovo IdeaCentre B320
(TV IN, and TV tuner connector
on some models)



Lenovo IdeaCentre B320



Lenovo IdeaCentre B320
with optional Bluetooth keyboard and mouse
(Hardware TV buttons on some models)



Lenovo IdeaCentre B320
(Hardware TV buttons on some models)



Lenovo IdeaCentre B320

Type-model	Processor	Memory	Widescreen display	Multi-Touch screen	Camera (mega-pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	OneKey TV	Remote control	Bluetooth	Keyboard/Mouse	USB3.0	Win7 preload
7760-1CU	G620	2GBx2	21.5" FHD	Multi	0.3M	Intel HD	500GB ⁸	DVD±RW	11b/g/n ²⁸			BT	BT/BT	None	Prem 64
7760-2QU	G620	4GBx1	21.5" FHD	Multi	0.3M	Intel HD	1TB	DVD±RW	11b/g/n	OneKey TV	Remote	BT	BT/BT	None	Prem 64
7760-2SU	i3-2120	4GBx1	21.5" FHD	Multi	0.3M	Intel HD	1TB	DVD±RW	11b/g/n	OneKey TV	Remote	BT	BT/BT	None	Prem 64
7760-2WU	G630	4GBx1	21.5" FHD	Multi	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	OneKey TV	Remote	BT	BT/BT	None	Prem 64
7760-3CU	G640	4GBx1	21.5" FHD	Multi	0.3M	Intel HD	500GB	DVD±RW	11b/g/n				2.4G/2.4G	None	Prem 64

- **21.5" Full HD frameless display supporting state-of-the-art multi-touch***
- **OneKey® TV* turns the display into a High-def TV at the click of a button; you can watch TV even without powering on the PC**
- **SRS Premium Sound provides the ultimate audio experience for music, movies and games on the PC**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**
- * **Optional feature**

Processor	Intel® Pentium® G620 Processor (2 cores / 2 threads, 2.60 GHz, 3MB cache), DDR3 memory controller (up to 1066MHz) Intel Pentium G630 Processor (2 cores / 2 threads, 2.70 GHz, 3MB cache), DDR3 memory controller (up to 1066MHz) Intel Pentium G640 Processor (2 cores / 2 threads, 2.80 GHz, 3MB cache), DDR3 memory controller (up to 1066MHz) Intel Core™ i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache) DDR3 memory controller (up to 1333MHz) Processor in FCLGA1155 socket			Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64		
Implementation				Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Cyberlink Power2Go (DVD±RW) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – PhotoStudio Paint – Lenovo Ebook and Quick Notes • Touch Games (Touch models) – Angry Birds – Happy Hit – Curling – Music Star – Link Up – Funny Cube – Firework • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Dynamic Brightness System • Lenovo Eye Distance System		
Memory	4GB std / 8GB max ⁷ / PC3-10600 1333MHz DDR3*, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz DDR3 memory controller					
Optical	DVD burner, dual-layer support, 12.7mm, tray-in					
SATA disk	500GB or 1TB, SATA 3.0Gb/s, 3.5" wide, 7200 rpm					
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset					
Widescreen display	21.5" (546.1mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio					
Multi-touch	Multi-touch, 2-point support					
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone					
Controls	Touch-sensitive buttons for menu, direction buttons (left and right), and display on/off; hardware TV buttons on selected models (Channel Up/Down, Volume Up/Down, TV mode menu button, Signal source choice button, and TV power On/Off)					
OneKey TV	Some: Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)					
Graphics	Intel HD Graphics, integrated in processor, uses main memory, DirectX® 10.1					
Chipset	Intel H61 Express Chipset					
Multicard reader	5-in-1 card reader (MMC, MS, MS PRO, SD, SDHC)					
Ports	Rear: Four USB 2.0, one USB 3.0 (on some models), ethernet (RJ-45), keyboard (PS/2), TV-IN connector (on TV models); Side: Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader					
PCIe Mini Card	Two PCIe Mini Card slots (one full size and one half size)					
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip					
TV tuner	None					
Bluetooth™	Some: Bluetooth 2.1 wireless + EDR					
Modem	None					
Ethernet	Gigabit ethernet on planar, Intel 82579V					
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / SRS® Premium Sound™, stereo speakers (3 watts x 2)			ENERGY STAR® qualified RoHS-compliant		
Keyboard	Some: Bluetooth full-size keyboard, 6-row, black Some: 2.4G wireless full-size keyboard, 6-row, black			Limited Warranty¹² ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ²³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686		
Mouse	Some: Bluetooth Optical Wheel Mouse, black Some: 2.4G wireless Optical Wheel Mouse, black					
Remote control	Some: IR remote control for hardware TV (OneKey TV)					
Power supply	200 watts, universal, auto-sensing					
Dimensions ³	Non-touch models: (WxHxD): 21.0" x 16.0" x 2.96"; 534mm x 405.2mm x 75.3mm Non-touch models w/stand: (WxHxD): 21.0" x 16.0" x 4.67"; 534mm x 405.2mm x 118.5mm Touch models: (WxHxD): 21.0" x 16.0" x 3.47"; 534mm x 405.2mm x 88.2mm Touch models w/stand: (WxHxD): 21.0" x 16.0" x 5.17"; 534mm x 405.2mm x 131.4mm					
Weight ²	From 22.11 lb (10.03 kg), vary by configuration					
Chassis	Front: black and silver color; rear: dark gray color					
Stand	Adjustable stand (between 15° and 40°), supports cable management					
VESA mount	Supports VESA 100mm mount standard					

See footnotes for important warranty information
US Models withdrawn effective March 2014

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(BAKR1-1) August 2012

Type-model / part number	Processor	Memory	Widescreen display	Multi-Touch screen	Camera (mega-pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	OneKey TV	Remote control	Keyboard/Mouse	USB3.0	Win7 preload
7760-1EU	i3-2120	4GBx1	21.5" FHD	Multi	0.3M	HD6450	1TB ⁸	DVD±RW	11b/g/n ²⁸	OneKey TV	IR Remote	BT/BT	None	Prem 64
7760-1DU	i5-2500S	4GBx1	21.5" FHD	Multi	0.3M	HD6450	2TB	DVD±RW	11b/g/n	OneKey TV	IR Remote	BT/BT	None	Prem 64
7760-2UU	i3-2120	4+2GB	21.5" FHD	Multi	0.3M	HD6450	1TB	DVD±RW	11b/g/n	OneKey TV	IR Remote	BT/BT	None	Prem 64
7760-2TU	i5-2500S	4GBx2	21.5" FHD	Multi	0.3M	HD6450	2TB	DVD±RW	11b/g/n	OneKey TV	IR Remote	BT/BT	None	Prem 64
7760-3FU	i5-2500S	4GBx2	21.5" FHD	Multi	0.3M	HD7450A	2TB	DVD±RW	11b/g/n				2.4G/2.4G	Prem 64
7760-3EU	i3-2120	4+2GB	21.5" FHD	Multi	0.3M	HD7450A	1TB	DVD±RW	11b/g/n				2.4G/2.4G	Prem 64
57312750	i5-3330S	4GBx2	21.5" FHD	Multi	0.3M	HD7450A	2TB	DVD±RW	11b/g/n	OneKey TV	IR + MCE	2.4G/2.4G	None	Prem 64
57312628	i3-2120	4+2GB	21.5" FHD	Multi	0.3M	HD7450A	1TB	DVD±RW	11b/g/n	OneKey TV	IR + MCE	2.4G/2.4G	None	Prem 64

- **21.5" Full HD frameless display supporting state-of-the-art multi-touch***
- **OneKey® TV* turns the display into a High-def TV at the click of a button; you can watch TV even without powering on the PC**
- **SRS Premium Sound provides the ultimate audio experience for music, movies and games on the PC**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**
- * **Optional feature**

Processor	Intel® Core™ i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache) DDR3 memory controller (up to 1333MHz) Intel Core i5-2500S Processor (4 cores / 4 threads, 2.70 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.70 GHz), DDR3 memory controller (up to 1333MHz) Intel Core i5-3330S Processor (4 cores / 4 threads, 2.70 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.20 GHz), DDR3 memory controller (up to 1600MHz) Processor in FCLGA1155 socket		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Cyberlink Power2Go (DVD±RW) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – PhotoStudio Paint – Lenovo Ebook and Quick Notes • Touch Games (Touch models) – Angry Birds – Happy Hit – Curling – Music Star – Link Up – Funny Cube – Firework • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Dynamic Brightness System • Lenovo Eye Distance System	
Implementation	Processor in FCLGA1155 socket		ENERGY STAR® qualified RoHS-compliant	
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3*, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz DDR3 memory controller			
Optical	DVD burner, dual-layer support, 12.7mm, tray-in		Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ²³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686	
SATA disk	1TB or 2TB, SATA 3.0Gb/s, 3.5" wide, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset			
Widescreen display	21.5" (546.1mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio			
Multi-touch	Multi-touch, 2-point support			
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone			
Controls	Touch-sensitive buttons for menu, direction buttons (left and right), and display on/off; hardware TV buttons on selected models (Channel Up/Down, Volume Up/Down, TV mode menu button, Signal source choice button, and TV power On/Off)			
OneKey TV	Some: Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)			
Graphics	Some: AMD Radeon™ HD 6450, PCI Express® x16, 1GB memory, DirectX® 11 Some: AMD Radeon HD 7450A, PCI Express x16, 1GB memory, DirectX 11			
Chipset	Intel H61 Express Chipset			
Multicard reader	5-in-1 card reader (MMC, MS, MS PRO, SD, SDHC)			
Ports	Rear: Four USB 2.0, one USB 3.0 (on some models), ethernet (RJ-45), keyboard (PS/2), TV-IN connector (on TV models); Side: Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader			
PCIe Mini Card	Two PCIe Mini Card slots (one full size and one half size)			
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip			
TV tuner	None			
Bluetooth™	Bluetooth 2.1 wireless + EDR			
Modem	None			
Ethernet	Gigabit ethernet on planar, Intel 82579V			
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / SRS® Premium Sound™, stereo speakers (3 watts x 2)			
Keyboard	Some: Bluetooth full-size keyboard, 6-row, black Some: 2.4G wireless full-size keyboard, 6-row, black			
Mouse	Some: Bluetooth Optical Wheel Mouse, black Some: 2.4G wireless Optical Wheel Mouse, black			
Remote control	Some: MCE remote control Some: IR remote control for hardware TV (OneKey TV)			
Power supply	200 watts, universal, auto-sensing			
Dimensions ³	Non-touch models: (WxHxD): 21.0" x 16.0" x 2.96"; 534mm x 405.2mm x 75.3mm Non-touch models w/stand: (WxHxD): 21.0" x 16.0" x 4.67"; 534mm x 405.2mm x 118.5mm Touch models: (WxHxD): 21.0" x 16.0" x 3.47"; 534mm x 405.2mm x 88.2mm Touch models w/stand: (WxHxD): 21.0" x 16.0" x 5.17"; 534mm x 405.2mm x 131.4mm			
Weight ²	From 22.11 lb (10.03 kg), vary by configuration			
Chassis	Front: black and silver color; rear: dark gray color			
Stand	Adjustable stand (between 15° and 40°), supports cable management			
VESA mount	Supports VESA 100mm mount standard			

See footnotes for important warranty information
 US model(s) announced February 21, 2013;
 US models withdrawn effective March 2014



Lenovo IdeaCentre B520
(3D Vision models)



Lenovo IdeaCentre B520
(HDMI-in, TV IN, and TV tuner
connector on some models)



Lenovo IdeaCentre B520



Lenovo IdeaCentre B520
with optional Bluetooth keyboard and mouse



Lenovo IdeaCentre B520



Lenovo IdeaCentre B520

Type-model	Proc- essor	Memory	Widescreen display	Multi- Touch screen	Camera (mega- pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Keyboard/ Mouse	Wall mount kit	USB3.0	HDMI-in AV IN	Win7 preload
7745-2AU	i3-2100	2Gx2	23" FHD	Multi	0.3M	Intel HD	1TB ^a	DVD±RW	11b/g/n ²⁸	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
7745-2EU	i7-2600	2Gx3	23" FHD	Multi	0.3M	GT555M 1G	1TB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
7745-2FU	i5-2310	2Gx3	23" FHD	Multi	0.3M	GT555M 1G	1TB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
7745-2JU	i3-2120	2Gx2	23" FHD	Multi	0.3M	Intel HD	1TB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
7745-2KU	i5-2320	2Gx3	23" FHD	Multi	0.3M	GT555M 1G	1TB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64

- **23" Full HD frameless display supporting state-of-the-art multi-touch* and NVIDIA 3D Vision* technologies**
- **Integrated TV tuner**
- **3-in-1 motion drive wireless mouse* – including motion-drive gaming and remote control functions**
- **Integrated 5.0 speakers (3 watts x 5) supporting SRS Premium Sound audio enhancement**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**
- * **Optional feature**

Processor	Intel® Core™ i3-2100 Processor (2 cores / 4 threads, 3.10 GHz, 3M Cache) DDR3 memory controller (up to 1333MHz) Intel Core i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache), DDR3 memory controller (up to 1333MHz) Intel Core i5-2310 Processor (4 cores / 4 threads, 2.90 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.20 GHz), DDR3 memory controller (up to 1333MHz) Intel Core i5-2320 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache), Turbo Boost Technology 2.0 (up to 3.30 GHz), DDR3 memory controller (up to 1333MHz) Intel Core i7-2600 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), DDR3 memory controller (up to 1333MHz) Processor in FCLGA1155 socket		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Cyberlink Power2Go (DVD±RW, Blu-ray) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – PhotoStudio Paint – Lenovo Ebook and Quick Notes • Touch Games (Touch models) – Angry Birds – Happy Hit – Curling – Music Star – Link Up – Funny Cube – Firework • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Dynamic Brightness System* • Lenovo Eye Distance System* * The software is not compatible with 720p Camera
Implementation	Processor in FCLGA1155 socket		
Memory	4GB or 6GB std / 16GB max ⁷ / PC3-10600 1333MHz DDR3, non-parity, dual-channel capable, four 204-pin SO-DIMM sockets		
Optical	DVD burner, dual-layer support, 12.7mm, tray-in		
SATA disk	1TB, SATA 3.0Gb/s or SATA 6.0Gb/s, 3.5" wide, 7200 rpm		
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s support, integrated in chipset		
Widescreen display	23.0" (584.2mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), LED backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen		
Multi-touch	Multi-touch, 2-point support		
NVIDIA® 3D Vision	None		
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone		
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)		
Graphics	Some: Intel HD Graphics 2000, in processor, uses main memory, DirectX® 10.1; Some: NVIDIA® GeForce® GT 555M, PCI Express® x16, 1GB GDDR5, DirectX 11;		
Chipset	Intel H67 Express Chipset		
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)		
Ports	Rear: Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), keyboard (PS/2), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); Side: Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader		
PCIe Mini Card	Two PCIe Mini Card slots		
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip		
TV tuner	ATSC tuner, supports analog and digital signal, PCIe Mini Card		
Bluetooth™	Bluetooth 2.1 wireless + EDR		
Modem	None		
Ethernet	Gigabit ethernet on planar, Intel 82579V		
Audio support	High Definition (HD) Audio, Realtek ALC663 codec / SRS® Premium Sound™, 5.0 speakers (3 watts x 5)		
Keyboard	Bluetooth full-size keyboard, 6-row, black		
Mouse	Bluetooth Optical Wheel Mouse, black		
Remote control	MCE remote control, via IR		
Power supply	250 watts, universal, auto-sensing		
Dimensions ³	Non-3D models: (WxHxD): 22.35" x 16.80" x 3.01"; 567.8mm x 426.7mm x 76.5mm 3D models: (WxHxD): 22.35" x 16.80" x 3.48"; 567.8mm x 426.7mm x 88.5mm		
Weight ²	From 22.22 lb (10.08 kg), vary by configuration		
Chassis	Front: black and silver color; rear: silver gray color		
Stand	Adjustable stand (between 15° and 40°), supports cable management		
Wall mount	Wall mount kit, meets VESA 100mm mount standard		

ENERGY STAR® qualified RoHS-compliant	
Limited Warranty ¹²	
➤ 1-year parts and labor	
➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ²³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)	
➤ Service upgrade options (in eligible locations): ⁹	
• 2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552)	
• 3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553)	
➤ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686	

See footnotes for important warranty information
 US models withdrawn effective March 2014

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Type-model	Proc- essor	Memory	Wide- screen display	Multi- Touch screen	3D Vision with 3D glasses	Camera (mega- pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key- board/ Mouse	Wall mount kit	HDMI-in AV IN	Win7 preload	
7745-1FU	i7-2600	4Gx2	23" FHD	Multi	3D Vision	0.3M	GT555M 2G	2TB ⁸	BD reader	11b/g/n ²⁸	TV	Remote	BT/3in1		HDMI/AV	Prem 64	
7745-1GU	i7-2600	4Gx2	23" FHD	Multi		0.3M	GT555M 2G	2TB	BD reader	11b/g/n	TV	Remote	BT/3in1		HDMI/AV	Prem 64	
7745-1HU	i5-2500	4Gx2	23" FHD	Multi		0.3M	GT555M 1G	1TB	BD reader	11b/g/n	TV	Remote	BT/3in1		HDMI/AV	Prem 64	
7745-1JU	i3-2120	2Gx3	23" FHD	Multi		0.3M	Intel HD	500GB	DVD±RW	11b/g/n	TV	Remote	BT/3in1		HDMI/AV	Prem 64	
7745-2LU	i3-2120	2Gx3	23" FHD	Multi		0.3M	Intel HD	1TB	DVD±RW	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64	
7745-2NU	i5-2320	4Gx2	23" FHD	Multi		0.3M	Intel HD	1TB	DVD±RW	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64	
7745-2PU	i5-2320	4Gx2	23" FHD	Multi		0.3M	GT555M 1G	1TB	BD burner	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64	
7745-2MU	i7-2600	4Gx2	23" FHD	Multi		0.3M	GT555M 2G	2TB	BD burner	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64	
7745-2QU	i7-2600	4Gx2	23" FHD	Multi	3D Vision	0.3M	GT555M 2G	2TB	BD burner	11b/g/n	TV	Remote	BT/3in1	Wall	HDMI/AV	Prem 64	
• 23" Full HD frameless display supporting state-of-the-art multi-touch* and NVIDIA 3D Vision* technologies • Integrated TV tuner* • 3-in-1 motion drive wireless mouse* – including motion-drive gaming and remote control functions • Integrated 5.0 speakers (3 watts x 5) supporting SRS Premium Sound audio enhancement • These systems are Microsoft® Office 2010 Product Key Ready (O10PKR) * Optional feature																	
Processor	Intel® Core™ i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache) integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Intel Core i5-2320 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.30 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Intel Core i5-2500 Processor (4 cores / 4 threads, 3.30 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.70 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Intel Core i7-2600 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Processor in FCLGA1155 socket												Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Cyberlink Power2Go (DVD±RW, Blu-ray) • CyberLink PowerDVD (Blu-ray) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – PhotoStudio Paint – Lenovo Ebook and Quick Notes • Touch Games (Touch models) – Angry Birds – Happy Hit – Curling – Music Star – Link Up – Funny Cube – Firework • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Dynamic Brightness System* • Lenovo Eye Distance System* * The software is not compatible with 720p Camera				
Implementation																	
Memory	6GB or 8GB std / 16GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, four 204-pin SO-DIMM sockets																
Optical	<i>Some:</i> DVD burner, dual-layer support, 12.7mm, tray-in <i>Some:</i> Blu-ray disc reader (no Blu-ray media burning), DVD recordable, 12.7mm, tray-in <i>Some:</i> Blu-ray™ burner, Blu-ray and DVD disk recordable, 12.7mm, tray-in																
SATA disk	500GB, 1TB, or 2TB , SATA 3.0Gb/s or SATA 6.0Gb/s, 3.5" wide, 7200 rpm																
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s support, integrated in chipset																
Widescreen display	23.0" (584.2mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), <i>Non-3D models:</i> LED backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen <i>3D models:</i> CCFL backlight, 400 nits, 16:9 aspect ratio, 1000:1 contrast ratio, support 120MHz, frameless screen																
Multi-touch	Multi-touch, 2-point support																
NVIDIA® 3D Vision	<i>Some:</i> NVIDIA 3D Vision support, includes active shutter glasses and build-in IR emitter																
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone																
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)																
Graphics	<i>Some:</i> Intel HD Graphics , integrated in processor, uses main memory, DirectX® 10.1; <i>Some:</i> NVIDIA® GeForce® GT 555M , PCI Express® x16, 1GB GDDR5, DirectX 11; <i>Some:</i> NVIDIA GeForce GT 555M , PCI Express x16, 2GB GDDR5, DirectX 11																
Chipset	Intel H67 Express Chipset																
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)																
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader																
PCIe Mini Card	Two PCIe Mini Card slots																
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip																
TV tuner	ATSC tuner, supports analog and digital signal, PCIe Mini Card																
Bluetooth™	Bluetooth 2.1 wireless + EDR																
Modem	None																
Ethernet	Gigabit ethernet on planar, Intel 82579V																
Audio support	High Definition (HD) Audio, Realtek ALC663 codec / SRS® Premium Sound™, 5.0 speakers (3 watts x 5)																
Keyboard	Bluetooth full-size keyboard, 6-row, black																
Mouse	3-in-1 motion drive Bluetooth wireless mouse, includes regular mouse function, air mouse, and motion drive game remote control																
Remote control	MCE remote control, via IR																
Power supply	250 watts, universal, auto-sensing																
Dimensions ³	<i>Non-3D models: (WxHxD):</i> 22.35" x 16.80" x 3.01"; 567.8mm x 426.7mm x 76.5mm <i>3D models: (WxHxD):</i> 22.35" x 16.80" x 3.48"; 567.8mm x 426.7mm x 88.5mm																
Weight ²	From 22.22 lb (10.08 kg), vary by configuration																
Chassis	<i>Front:</i> black and silver color; <i>rear:</i> silver gray color																
Stand	Adjustable stand (between 15° and 40°), supports cable management																
Wall mount	<i>Some:</i> Wall mount kit, meets VESA 100mm mount standard																
See footnotes for important warranty information													ENERGY STAR® qualified RoHS-compliant				
													Limited Warranty¹² ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts²³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ➤ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553) ➤ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686				

Type-model	Proc- essor	Memory	Widescreen display	Multi-Touch screen	Camera (mega- pixel)	Graphics	SATA disk (GB ⁸)	Optical	Mini PCIe 802.11 wireless	TV tuner / OneKey TV	Remote control	Keyboard/ Mouse	Wall mount kit	USB3.0	HDMI-in AV IN	Win7 preload
3111-1MU	i3-2120	4Gx1	23" FHD	Multi	0.3M	Intel HD	500G	DVD±RW	11b/g/n ²⁸	OneKey TV	IR Rem	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
3111-1NU	i5-2400S	4Gx1	23" FHD	Multi	0.3M	Intel HD	1TB	DVD±RW	11b/g/n	OneKey TV	IR Rem	BT/BT	Wall	USB3.0	HDMI/AV	Prem 64
3111-1PU	G630	4Gx1	23" FHD	Multi	0.3M	Intel HD	500G	DVD±RW	11b/g/n	TV tuner	MCE IR	BT/BT	Wall	USB3.0		Prem 64

- **23" Full HD frameless display supporting state-of-the-art multi-touch***
- **OneKey® TV* turns the display into a High-def TV at the click of a button; you can watch TV even without powering on the PC**
- **Dolby Home Theater v4 audio enhancement**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**
- * **Optional feature**

Processor	Intel® Pentium® G630 Processor (2 cores / 2 threads, 2.70 GHz, 3MB cache), DDR3 memory controller (up to 1066MHz) Intel Core™ i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3MB Cache), DDR3 memory controller (up to 1333MHz) Intel Core i5-2400S Processor (4 cores / 4 threads, 2.50 GHz, 6MB Cache), Turbo Boost Technology 2.0 (up to 3.30 GHz), DDR3 memory controller (up to 1333MHz) Processor in FCLGA1155 socket		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Cyberlink Power2Go (DVD±RW) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – PhotoStudio Paint – Lenovo Ebook and Quick Notes • Touch Games (Touch models) – Angry Birds – Happy Hit – Curling – Music Star – Link Up – Funny Cube – Firework • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Dynamic Brightness System* • Lenovo Eye Distance System* * The software is not compatible with 720p Camera
Implementation	Processor in FCLGA1155 socket		
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets		
Optical	DVD burner, dual-layer support, 12.7mm, tray-in		
SATA disk	500GB or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm		
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset		
Widescreen display	23.0" (584.2mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), LED backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen		
Multi-touch	Multi-touch, 2-point support		
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with analog microphone		
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration) Hardware TV buttons on selected models (Channel Up/Down, Volume Up/Down, TV mode menu button, Signal source choice button, and TV power On/Off)		
OneKey TV	<i>Some:</i> Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)		
Graphics	Intel HD Graphics in processor, uses main memory		
Chipset	Intel H61 Express Chipset		
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)		
Ports	<i>Rear:</i> Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader		
PCIe Mini Card	Two PCIe Mini Card slots		
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Realtek® or Atheros® chip		
TV tuner	<i>Some:</i> ATSC TV tuner, PCIe Mini Card		
Bluetooth™	Bluetooth 2.1 wireless + EDR		
Modem	None		
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E		
Audio support	High Definition (HD) Audio, Realtek ALC663 codec / Dolby® Home Theater® v4 certified / 5.0 speakers (3 watts x 5)		
Keyboard	Bluetooth full-size keyboard, 6-row, black		
Mouse	Bluetooth Optical Wheel Mouse, black		
Remote control	<i>Some:</i> MCE remote control, via IR <i>Some:</i> IR remote control for hardware TV (OneKey TV)		
Power supply	250 watts, universal, auto-sensing		
Dimensions ³	(WxHxD): 22.35" x 16.80" x 3.01"; 567.8mm x 426.7mm x 76.5mm		
Weight ²	From 22.22 lb (10.08 kg), vary by configuration		
Chassis	<i>Front:</i> black and silver color; <i>rear:</i> silver gray color		
Stand	Adjustable stand (between 15° and 40°), supports cable management		
Wall mount	Wall mount kit, meets VESA 100mm mount standard		

Limited Warranty ¹² ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts²³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686
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See footnotes for important warranty information
 US models withdrawn effective March 2014

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Lenovo IdeaCentre B540



Lenovo IdeaCentre B540
(HDMI-in, TV IN, and TV tuner
connector on some models)



Lenovo IdeaCentre B540



Lenovo IdeaCentre B540
with keyboard and mouse



Lenovo IdeaCentre B540



Lenovo IdeaCentre B540

Type-model	Proc- essor	Memory	Wide- screen display	Multi- Touch screen	Cam- era	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key- board/ Mouse	HDMI-in AV IN	USB 3.0	Blue- tooth	Win7 preload	Avail date (mm/yy)
2568-2SU	G640	4Gx1	23" FHD	Multi	720p	Intel HD	500GB ⁸	DVD±RW	11b/g/n ²⁸	None	None	2.4G	None	USB3.0	BT	Prem 64	07/12
2568-2RU	i3-2120	4Gx1	23" FHD	Multi	720p	Intel HD 2000	1TB	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT	Prem 64	07/12
2568-2YU	i3-2120	4+2G	23" FHD	Multi	720p	Intel HD 2000	1TB	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT	Prem 64	12/12

- **23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies***
- **Integrated TV tuner***
- **2.4G wireless keyboard and mouse**
- **Integrated 2.0 speakers (3 watts x 2) supporting Dolby Advanced Audio v2**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

* Optional feature

Processor	Intel® Pentium® G640 Processor (2 cores / 2 threads, 2.80 GHz, 3M Cache) integrated Intel HD Graphics, integrated 1066MHz dual-channel DDR3 memory controller Intel Core™ i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache) integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Processor in FCLGA1155 socket											Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • McAfee® Internet Security (30-day Trial) • Cyberlink Power2Go (DVD±RW, Blu-ray) • CyberLink PowerDVD (Blu-ray) • Lenovo IdeaTouch (Touch models) - PowerCinema - Lenovo VeriTouch - PhotoStudio Paint - Lenovo Ebook and Quick Notes • Touch Games (Touch models) - Angry Birds - Happy Hit - Curling - Music Star - Link Up - Funny Cube - Firework • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate					
Implementation	Processor in FCLGA1155 socket																
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz or 1333MHz DDR3 memory controller																
Optical	DVD burner, dual-layer support, 12.7mm, tray-in																
SATA disk	500GB or 1TB , SATA 6.0Gb/s, 3.5" wide, 7200 rpm																
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset																
Widescreen display	23.0" (584.2mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen																
Multi-touch	Projected Capacitive Touch (PCT) technology, hardware supports 10-point multi-touch																
FPR 3D	None																
Camera	Camera on top of screen, HD720p resolution, fixed focus, with digital microphone																
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)																
Graphics	Intel HD Graphics or Intel HD Graphics 2000 , integrated in processor, uses main memory, DirectX® 10.1;																
Chipset	Intel H61 Express Chipset																
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)																
Ports	Rear: Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); Side: Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader																
PCIe Mini Card	Two PCIe Mini Card slots																
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip																
TV tuner	None																
Bluetooth™	Bluetooth wireless																
Modem	None																
Ethernet	Gigabit ethernet on planar, Realtek® RTL 8111F																
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, 2.0 speakers (3 watts x 2)																
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, Fn keys, black																
Mouse	2.4G wireless Laser Wheel Mouse, black																
Remote control	None																
Power supply	200 watts, universal, auto-sensing																
Dimensions ³	<i>Non-3D models: (WxHxD): 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm</i>																
Weight ²	From 24.25 lb (11.00 kg), vary by configuration																
Chassis	<i>Front:</i> black with silver; <i>rear:</i> black with silver																
Stand	Adjustable stand (between 15° and 40°), supports cable management																
Wall mount	None																

See footnotes for important warranty information
 US models withdrawn effective March 2014

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Part number	Pro-cessor	Memory	Wide-screen display	Multi-Touch screen	Cam-era	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key-board/Mouse	HDMI-in AV IN	USB 3.0	Blue-tooth	Win8 preload	Avail date (mm/yy)
57308828	G645	4Gx1	23" FHD	Multi	720p	Intel HD	500GB ⁸	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT4.0	Win8 64	11/12
57308886	i3-2130	4Gx1	23" FHD	Multi	720p	Intel HD 2000	1TB	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT4.0	Win8 64	11/12
57311411	i5-3330S	4+2G	23" FHD	Multi	720p	Intel HD 2500	1TB	BD Player	11b/g/n	None	None	2.4G	None	USB3.0	BT4.0	Win8 64	11/12
57312430	i3-3220	4+2G	23" FHD	Multi	720p	Intel HD 2500	1TB	DVD±RW	11b/g/n	None	None	2.4G	None	USB3.0	BT4.0	Win8 64	03/13

- **23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies***
- **Integrated TV tuner***
- **2.4G wireless keyboard and mouse**
- **Integrated 2.0 speakers (3 watts x 2) supporting Dolby Advanced Audio v2**

* Optional feature

Processor	Intel® Pentium® G645 Processor (2 cores / 2 threads, 2.90 GHz, 3M Cache) DDR3 memory controller (up to 1066MHz), integrated Intel HD Graphics Intel Core™ i3-2130 Processor (2 cores / 4 threads, 3.40 GHz, 3M Cache) DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 2000 Intel Core i3-3220 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache) DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 2500 Intel Core i5-3330S Processor (4 cores / 4 threads, 2.70 GHz, 6M Cache) , DDR3 memory controller (up to 1600MHz), Turbo Boost Technology 2.0 (up to 3.20 GHz), integrated Intel HD Graphics 2500 Processor in FCLGA1155 socket	Preloaded operating system²⁰ - Windows® 8 64-bit Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Cloud Storage by SugarSync • CyberLink YouCam • McAfee® Internet Security (30-Day Trial) • Cyberlink Power2Go (DVD±RW, BD player) • Adobe® Reader® • Nitro PDF • Cyberlink PowerDVD® (BD player) • Touch Games (Touch models) • Education Portal • Microsoft Office preloaded; purchase product key to activate • Intel AppUp® • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • AccuWeather • eBay • Evernote • Amazon Kindle • Lenovo Support • Rara Streaming • Lenovo Companion
Implementation		
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz or 1333MHz DDR3 memory controller	
Optical	<i>Some:</i> DVD burner, dual-layer support, 12.7mm, tray-in <i>Some:</i> Blu-ray disc reader (no Blu-ray media burning), DVD recordable, 12.7mm, tray-in	
SATA disk	500GB or 1TB , SATA 6.0Gb/s, 3.5" wide, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset	
Widescreen display	23.0" (584.2mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen	
Multi-touch	Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch	
FPR 3D	None	
Camera	Camera on top of screen, HD720p resolution, fixed focus, with digital microphone	
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)	
Graphics	Intel HD Graphics, Intel HD Graphics 2000, or Intel HD Graphics 2500 , integrated in processor, uses main memory, DirectX® 10.1	
Chipset	Intel H61 Express Chipset	
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)	
Ports	<i>Rear:</i> Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader	
PCIe Mini Card	Two PCIe Mini Card slots	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip	
TV tuner	None	
Bluetooth™	Bluetooth 4.0 wireless	
Modem	None	
Ethernet	Gigabit ethernet on planar, Realtek® RTL 8111F	
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, 2.0 speakers (3 watts x 2)	
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, Fn keys, black	
Mouse	2.4G wireless Laser Wheel Mouse, black	
Remote control	None	
Power supply	200 watts, universal, auto-sensing	
Dimensions ³	<i>Non-3D models: (WxHxD):</i> 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm	
Weight ²	From 24.25 lb (11.00 kg), vary by configuration	
Chassis	<i>Front:</i> black with silver; <i>rear:</i> black with silver	
Stand	Adjustable stand (between 15° and 40°), supports cable management	
Wall mount	None	

| | | **Limited Warranty¹²** ➤ **1-year parts and labor** ➤ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts²³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)** ➤ **Service upgrade options (in eligible locations):⁹** - **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552) - **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553) ➤ **24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686** |

See footnotes for important warranty information
 US models withdrawn effective March 2014

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Limited Warranty¹²

- ⇒ **1-year parts and labor**
- ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts²³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ⇒ **Service upgrade options (in eligible locations):⁹**
 - **2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552)**
 - **3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553)**
- ⇒ **24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686**

Type-model	Proc- essor	Memory	Wide- screen display	Multi- Touch screen	FPR 3D	Camera (mega- pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	OneKey TV	Remote control	Key- board/ Mouse	USB3.0	Win7 preload	Avail date (mm/yy)
2568-1VU	i3-2120	4Gx2	23" FHD			720p	HD Graphics	1TB ⁸	DVD±RW	11b/g/n		MCE Remote	2.4G	USB3.0	Prem 64	06/12
2568-1JU	i5-2400S	4Gx2	23" FHD	Multi		720p	GF615M 1G	1TB	DVD±RW	11b/g/n		MCE Remote	2.4G	USB3.0	Prem 64	06/12
2568-1RU	i3-2120	4Gx2	23" FHD	Multi		720p	GF615M 1G	2TB	DVD±RW	11b/g/n		MCE Remote	2.4G	USB3.0	Prem 64	07/12
2568-2DU	i5-3450S	4Gx2	23" FHD	Multi		720p	GF615M 1G	1TB	DVD±RW	11b/g/n		MCE Remote	2.4G	USB3.0	Prem 64	10/12
2568-2GU	i5-3450S	4Gx2	23" FHD	Multi	3D	720p	GF615M 2G	2TB	BD burner	11b/g/n	OneKey TV	IR Remote	2.4G	USB3.0	Prem 64	10/12

- **23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies***
- **Integrated TV tuner***
- **2.4G wireless keyboard and mouse**
- **Integrated stereo speakers (3 watts x 2) supporting Dolby Advanced Audio v2**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

* Optional feature

Processor	Intel® Core™ i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache) integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Intel Core i5-2400S Processor (4 cores / 4 threads, 2.50 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.30 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Intel Core i5-3450S Processor (4 cores / 4 threads, 2.80 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.50 GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller Processor in FCLGA1155 socket											Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • McAfee® Internet Security (30-day Trial) • Cyberlink Power2Go (DVD±RW, Blu-ray) • CyberLink PowerDVD (Blu-ray) • Lenovo IdeaTouch (Touch models) - PowerCinema - Lenovo VeriTouch - PhotoStudio Paint - Lenovo Ebook and Quick Notes • Touch Games (Touch models) - Angry Birds - Happy Hit - Curling - Music Star - Link Up - Funny Cube - Firework • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate				
Implementation																
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1333MHz DDR3 memory controller															
Optical	<i>Some:</i> DVD burner, dual-layer support, 12.7mm, tray-in <i>Some:</i> Blu-ray™ burner, Blu-ray and DVD disk recordable, 12.7mm, tray-in															
SATA disk	1TB or 2TB , SATA 6.0Gb/s, 3.5" wide, 7200 rpm															
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset															
Widescreen display	23.0" (584.2mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen															
Multi-touch	<i>Some:</i> Projected Capacitive Touch (PCT) technology, hardware supports 10-point															
FPR 3D	<i>Some:</i> Support FPR 3D technology, 2 pairs of FPR glasses															
Camera	Camera on top of screen, HD720p resolution, fixed focus, with digital microphone															
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration) Hardware TV buttons on OneKey TV models (Channel Up/Down, Volume Up/Down, TV mode menu button, Signal source choice button, and TV power On/Off)															
OneKey TV	<i>Some:</i> Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)															
Graphics	<i>Some:</i> Intel HD Graphics , integrated in processor, uses main memory, DirectX® 10.1; <i>Some:</i> NVIDIA® GeForce® 615M , PCI Express® x16, 1GB DDR3, DirectX 11; <i>Some:</i> NVIDIA GeForce 615M , PCI Express x16, 2GB DDR3, DirectX 11															
Chipset	Intel H61 Express Chipset															
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)															
Ports	<i>Rear:</i> Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on OneKey TV models), AV IN (on OneKey TV models), and TV tuner connector (on TV models); <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader															
PCle Mini Card	Two PCIe Mini Card slots															
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip															
TV tuner	None															
Bluetooth™	None															
Modem	None															
Ethernet	Gigabit ethernet on planar, Realtek® RTL 8111F															
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, stereo speakers (3 watts x 2)															
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, Fn keys, black															
Mouse	2.4G wireless Laser Wheel Mouse, black															
Remote control	<i>Some:</i> MCE remote control, via IR <i>Some:</i> IR remote control for hardware TV (OneKey TV)															
Power supply	200 watts, universal, auto-sensing															
Dimensions ³	<i>Non-3D models: (WxHxD):</i> 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm															
Weight ²	From 24.25 lb (11.00 kg), vary by configuration															
Chassis	<i>Front:</i> black with silver; <i>rear:</i> black with silver															
Stand	Adjustable stand (between 15° and 40°), supports cable management															
Wall mount	None															

See footnotes for important warranty information
 US models withdrawn effective March 2014

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ENERGY STAR® qualified
 RoHS-compliant

Limited Warranty¹²

⇒ **1-year parts and labor**
 ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts²³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
 ⇒ **Service upgrade options (in eligible locations):⁹**

- **2-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1552)
- **3-year Lenovo In-Home Repair 9x5 Next Business Day** (78Y1553)

⇒ **24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686**

Part number	Pro-cessor	Memory	Wide-screen display	Multi-Touch screen	Cam-era	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Key-board/Mouse	HDMI-in AV IN	USB 3.0	Blue-tooth	Win8 preload	Avail date (mm/yy)
57311751	i3-3220	4Gx2	23" FHD		720p	Intel HD 2500	2TB ⁸	DVD±RW	11b/g/n	None	Remote	2.4G	None	USB3.0	BT4.0	Win8 64	01/13
57311756	i5-3330S	4Gx2	23" FHD	Multi	720p	GF615M 1G	2TB	DVD±RW	11b/g/n	None	Remote	2.4G	None	USB3.0	BT4.0	Win8 64	01/13

- **23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies***
- **Integrated TV tuner***
- **2.4G wireless keyboard and mouse**
- **Integrated 2.0 speakers (3 watts x 2) supporting Dolby Advanced Audio v2**

* Optional feature

Processor	Intel® Core™ i3-3220 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache) DDR3 memory controller (up to 1600MHz), integrated Intel HD Graphics 2500, Intel Core i5-3330S Processor (4 cores / 4 threads, 2.70 GHz, 6M Cache) , DDR3 memory controller (up to 1600MHz), Turbo Boost Technology 2.0 (up to 3.20 GHz), integrated Intel HD Graphics 2500 Processor in FCLGA1155 socket	Preloaded operating system ²⁰ - Windows® 8 64-bit Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Cloud Storage by SugarSync • CyberLink YouCam • McAfee® Internet Security (30-Day Trial) • Cyberlink Power2Go (DVD±RW, BD player) • Adobe® Reader® • Nitro PDF • Cyberlink PowerDVD® (BD player) • Touch Games (Touch models) • Education Portal • Microsoft Office preloaded; purchase product key to activate • Intel AppUp® • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • AccuWeather • eBay • Evernote • Amazon Kindle • Lenovo Support • Rara Streaming • Lenovo Companion
Implementation	Processor in FCLGA1155 socket	
Memory	8GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets * System automatically clocks down for processors with 1066MHz or 1333MHz DDR3 memory controller	
Optical	DVD burner, dual-layer support, 12.7mm, tray-in	
SATA disk	2TB , SATA 6.0Gb/s, 3.5" wide, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s support, integrated in chipset	
Widescreen display	23.0" (584.2mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen <i>Some:</i> Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch	
Multi-touch	<i>Some:</i> Projected Capacitive Touch (PCT) technology, supports 10-point multi-touch	
FPR 3D	None	
Camera	Camera on top of screen, HD720p resolution, fixed focus, with digital microphone	
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)	
Graphics	<i>Some:</i> Intel HD Graphics 2500 , integrated in processor, uses main memory, DirectX® 11 <i>Some:</i> NVIDIA® GeForce® 615M , PCI Express x16, 1GB DDR3, DirectX 11	
Chipset	Intel H61 Express Chipset	
Multicard reader	Multicard reader (MMC, MS, MS PRO, MSXC, SD, SDHC, SDXC)	
Ports	<i>Rear:</i> Four USB 2.0 (two USB2.0 and two USB3.0 on some models), ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models), and TV tuner connector (on TV models); <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader	
PCIe Mini Card	Two PCIe Mini Card slots	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip	
TV tuner	None	
Bluetooth™	Bluetooth 4.0 wireless	
Modem	None	
Ethernet	Gigabit ethernet on planar, Realtek® RTL 8111F	
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, 2.0 speakers (3 watts x 2)	
Keyboard	2.4G wireless Ultra Slim keyboard, 6-row, Fn keys, black	
Mouse	2.4G wireless Laser Wheel Mouse, black	
Remote control	Remote control, via IR	
Power supply	200 watts, universal, auto-sensing	
Dimensions ³	<i>Non-3D models: (WxHxD):</i> 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm	
Weight ²	From 24.25 lb (11.00 kg), vary by configuration	
Chassis	<i>Front:</i> black with silver; <i>rear:</i> black with silver	
Stand	Adjustable stand (between 15° and 40°), supports cable management	
Wall mount	None	

ENERGY STAR® qualified RoHS-compliant
Limited Warranty ¹² ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ²³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ➤ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553) ➤ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686

See footnotes for important warranty information
 US models withdrawn effective March 2014

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IdeaCentre™ B540p (3363) - (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Proc- essor	Memory	Wide- screen display	Multi- Touch screen	FPR 3D	Camera (mega- pixel)	Graphics	SATA disk	Optical	Mini PCIe 802.11 wireless	TV tuner	OneKey TV	Key- board/ Mouse	Wall mount kit	HDMI-in AV IN	Win7 preload	Ann date (mm/yy)
3363-1BU	i7-3770	4Gx3	23" FHD	Multi	None	720p	GT650M 2G	2TB ⁸	BD Reader	11b/g/n ²⁸	None	OneKey TV	2.4G	None	HDMI+AV	Prem 64	09/12
3363-1CU	i7-3770	4Gx4	23" FHD	Multi	3D	720p	GT650M 2G	2TB	BD Burner	11b/g/n	None	OneKey TV	2.4G	None	HDMI+AV	Prem 64	09/12
3363-1DU	i5-3450	4Gx2	23" FHD	Multi	None	720p	GT650M 1G	2TB	BD Reader	11b/g/n	None	OneKey TV	2.4G	None	HDMI+AV	Prem 64	09/12

- **23" Full HD frameless display supporting state-of-the-art multi-touch* and FPR 3D technologies***
- **Integrated TV tuner***
- **2.4G wireless keyboard and mouse**
- **Integrated 2.0 speakers (5 watts x 2) supporting DOLBY Advanced Audio v2**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**
- * **Optional feature**

Processor	Intel® Core™ i5-3450 Processor (4 cores / 4 threads, 3.10 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.50 GHz), integrated Intel HD Graphics 2500, integrated 1600MHz dual-channel DDR3 memory controller Intel Core i7-3770 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache) Turbo Boost Technology 2.0 (up to 3.90 GHz), integrated Intel HD Graphics 4000, integrated 1600MHz dual-channel DDR3 memory controller Processor in FCLGA1155 socket		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64	
Implementation			Preloaded applications ¹⁴ (only some listed)	
Memory	16GB max ⁷ / PC3-12800 1600MHz DDR3 , non-parity, dual-channel capable, four 204-pin SO-DIMM sockets		• Lenovo® Rescue System • Driver and Application Installation • McAfee® Internet Security (30-Day Trial) • Cyberlink Power2Go (DVD±RW, Blu-ray) • CyberLink PowerDVD (Blu-ray) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – PhotoStudio Paint – Lenovo Ebook and Quick Notes • Touch Games (Touch models) – Angry Birds – Happy Hit – Curling – Music Star – Link Up – Funny Cube – Firework • Windows Live Essentials • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate	
Optical	<i>Some:</i> Blu-ray™ disc reader (no Blu-ray media burning), DVD recordable, 12.7mm, tray-in <i>Some:</i> Blu-ray burner, Blu-ray and DVD disk recordable, 12.7mm, tray-in			
SATA disk	2TB , SATA 6.0Gb/s, 3.5" wide, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s support, integrated in chipset			
Widescreen display	23.0" (584.2mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen			
Multi-touch	Projected Capacitive Touch (PCT) technology, hardware supports 10-point multi-touch			
FPR 3D	<i>Some:</i> Support FPR 3D technology, 2 pairs of FPR glasses			
Camera	Camera on top of screen, HD720p resolution, fixed focus, with digital microphone			
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off, Novo Vision, mode switch (PC / HDMI IN / AV IN, depends on configuration)			
OneKey TV	Hardware TV, turns the display into a High-def TV at the click of a button (even without powering on the PC)			
Graphics	NVIDIA® GeForce® GT650M , PCI Express® x16, 1GB or 2GB DDR3, DirectX 11;			
Chipset	Intel H77 Express Chipset			
Multicard reader	Multicard reader (MMC, MS, MS PRO, SD, SDHC, SDXC)			
Ports	<i>Rear:</i> Two USB 3.0, two USB 2.0, ethernet (RJ-45), HDMI-out, HDMI-in (on some models), AV IN (on some models); <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm), Multicard reader			
PCle Mini Card	Two PCIe Mini Card slots			
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom®, Realtek®, or Atheros® chip			
TV tuner	None			
Bluetooth™	None			
Modem	None			
Ethernet	Gigabit ethernet on planar, Realtek® RTL 8111F			
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / Dolby® Advanced Audio™ v2, 2.0 speakers (5 watts x 2)			
Keyboard	2.4G wireless full-size keyboard, 6-row, black			
Mouse	2.4G wireless mouse, black			
Remote control	IR remote control for hardware TV (OneKey TV)			
Power supply	250 watts, universal, auto-sensing			
Dimensions ³	(WxHxD): 22.70" x 16.22" x 4.34"; 576.6mm x 411.9mm x 110.3mm			
Weight ²	From 24.25 lb (11.00 kg), vary by configuration			
Chassis	<i>Front:</i> black with silver decoration; <i>rear:</i> black with silver decoration			
Stand	Adjustable stand (between 15° and 40°), supports cable management			
Wall mount	Meets VESA 100mm mount standard			
			ENERGY STAR® qualified RoHS-compliant	
			Limited Warranty ¹² ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ²³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7 ¹⁶ toll-free support for warranty issues during the warranty period ¹² via 877-453-6686	

See footnotes for important warranty information
 US models withdrawn effective March 2014

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Lenovo IdeaCentre Q180



Lenovo IdeaCentre Q180
Discrete graphics models



Lenovo IdeaCentre Q180
(Discrete graphics models)



Lenovo IdeaCentre Q180
Discrete graphics models with optical drive



Optional Lenovo Mini Wireless Keyboard N5902
(57Y6678)



Lenovo IdeaCentre Q180
(Integrated graphics models)

Type-model / Part number	Processor	GHz	L2 cache	Memory ⁸	SATA disk	External optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Keyboard/ Mouse	Win7 preload	Avail date (mm/yy)
3110-2KU	Atom D2700	2.13	1MB	2GBx1	320GB ²		HD 6450A	None	None	11b/g/n ²⁸	Black/Silver	2.4GHz	Prem 64	02/12
3110-2NU	Atom D2700	2.13	1MB	2GBx1	320GB	DVD±RW	HD 6450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	02/12
3110-2LU	Atom D2700	2.13	1MB	4GBx1	320GB	DVD±RW	HD 6450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	07/12
57308562	Atom D2550	1.86	1MB	2GBx1	320GB		HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/12
57308563	Atom D2550	1.86	1MB	4GBx1	320GB	DVD±RW	HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/12

- **IdeaCentre Q series provide ultimate multimedia experience for home entertainment**
- **Tiny desktop PC, compact space-saving design, just from 22 mm wide**
- **Attaches to the back of selected VESA-compatible monitor for better space saving**
- **(Selected models) Add-on DVD reader/writer or Blu-ray Disk drive**
- **Lossless digital audio output with S/PDIF**
- **Support 1080p full HD multimedia playback and 3D gaming**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Atom™ D2550 processor (2 cores / 4 threads, 1.86GHz, 1MB cache), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology Intel Atom D2700 processor (2 cores / 4 threads, 2.13GHz, 1MB cache), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink PowerDVD (Blu-ray)			
Memory	2GB or 4GB std, 4GB max⁹, PC3-10600 1333MHz DDR3, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1066MHz DDR3 memory controller													
Graphics	Some: AMD Radeon™ HD 6450A Graphics, DirectX® 11, 512MB memory, Full HD (1080p) playback support Some: AMD Radeon HD 7450A Graphics, DirectX 11, 512MB memory, Full HD (1080p) playback support External monitor support via analog VGA DB-15 connector / digital HDMI connector													
SATA disk	320GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide													
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset													
External optical	Some: DVD burner, dual-layer support, slot-in													
Multicard reader	8-in-1 (SD, SDHC, SDXC, MMC, MS, MS Pro, MS Pro Duo, MS XC)													
Chipset	Intel NM10 Express Chipset													
Front ports	Two USB 3.0, line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)													
Rear ports	Four USB 2.0 (external ODD occupies one dedicated USB 2.0 port on some models), ethernet (RJ-45), monitor (VGA DB-15, HDMI), S/PDIF-out													
Audio	High Definition (HD) audio, Realtek® ALC662 codec													
External speakers	None													
Internal speaker	None													
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E-VL													
Modem	None													
Security chip	None													
11b/g/n ²⁸	11b/g/n wireless ⁴ , Realtek RTL8188CE													
TV tuner	None													
Remote control	None													
Camera	None													
Keyboard	2.4GHz Wireless Mini Keyboard N5902, palm-sized dimensions, keyboard and mouse (optical finger navigation) combo, via micro-size USB receiver													
Mouse	None													
Dimensions ³	w/o optical (excludes stand): (WxHxD): 6.10" x 0.87" x 7.56"; 155mm x 22mm x 192mm with optical (excludes stand): (WxHxD): 6.10" x 1.57" x 7.56"; 155mm x 40mm x 192mm From 5.25 lb (2.38 kg) to 8.02 lb (3.64 kg), vary by configuration													
Weight ²														
Chassis	Black and silver color													
Stand	Detachable stand (silver color)													
Mount bracket	Mount bracket, meets the VESA 75mm and 100mm mount standard													

See footnotes for important warranty information

US models withdrawn effective March 2014

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(BAFF1-2) November 2012

IdeaCentre™ Q180 (3110) - Discrete (web only models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	L2 cache	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Keyboard/Mouse	Win7 preload	Avail date (mm/yy)
3110-2AU	Atom D2700	2.13	1MB	2GBx1	500GB ²		HD 6450A	None	None	11b/g/n ²⁸	Black/Silver	USB/USB	Prem 64	11/11
3110-2BU	Atom D2700	2.13	1MB	4GBx1	500GB	DVD±RW	HD 6450A	None	None	11b/g/n	Black/Silver	USB/USB	Prem 64	11/11
3110-2CU	Atom D2700	2.13	1MB	4GBx1	750GB	DVD±RW	HD 6450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/11
3110-2DU	Atom D2700	2.13	1MB	4GBx1	750GB	Blu-ray	HD 6450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/11
3110-2VU	Atom D2550	1.86	1MB	4GBx1	500GB		HD 7450A	None	None	11b/g/n	Black/Silver	USB/USB	Prem 64	09/12
3110-2WU	Atom D2550	1.86	1MB	4GBx1	500GB	DVD±RW	HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	10/12
3110-2YU	Atom D2550	1.86	1MB	4GBx1	750GB	Blu-ray	HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/12
3110-2XU	Atom D2550	1.86	1MB	4GBx1	750GB	DVD±RW	HD 7450A	None	None	11b/g/n	Black/Silver	2.4GHz	Prem 64	11/12

- **IdeaCentre Q series provide ultimate multimedia experience for home entertainment**
- **Tiny desktop PC, compact space-saving design, just from 22 mm wide**
- **Attaches to the back of selected VESA-compatible monitor for better space saving**
- **(Selected models) Add-on DVD reader/writer or Blu-ray Disk drive**
- **Lossless digital audio output with S/PDIF**
- **Support 1080p full HD multimedia playback and 3D gaming**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Atom™ D2550 processor (2 cores / 4 threads, 1.86GHz, 1MB cache), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology Intel Atom D2700 processor (2 cores / 4 threads, 2.13GHz, 1MB cache), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink PowerDVD (Blu-ray)
Memory	2GB or 4GB std, 4GB max⁹, PC3-10600 1333MHz DDR3, non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1066MHz DDR3 memory controller	
Graphics	<i>Some:</i> AMD Radeon™ HD 6450A Graphics, DirectX® 11, 512MB memory, Full HD (1080p) playback support <i>Some:</i> AMD Radeon HD 7450A Graphics, DirectX 11, 512MB memory, Full HD (1080p) playback support External monitor support via analog VGA DB-15 connector / digital HDMI connector	
SATA disk	500GB (5400 rpm) or 750GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset	
External optical	<i>Some:</i> DVD burner, dual-layer support, slot-in <i>Some:</i> Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, slot-in	
Multicard reader	8-in-1 (SD, SDHC, SDXC, MMC, MS, MS Pro, MS Pro Duo, MS XC)	
Chipset	Intel NM10 Express Chipset	
Front ports	Two USB 3.0, line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)	
Rear ports	Four USB 2.0 (external ODD occupies one dedicated USB 2.0 port in some models), ethernet (RJ-45), monitor (VGA DB-15, HDMI), S/PDIF-out	
Audio	High Definition (HD) audio, Realtek® ALC662 codec	65-watt AC adapter ENERGY STAR® qualified RoHS-compliant
External speakers	None	
Internal speaker	None	Limited Warranty¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1553) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Ethernet	Gigabit ethernet on planar, Realtek RTL8111E-VL	
Modem	None	
Security chip	None	
11b/g/n ²⁸	11b/g/n wireless ⁴ , Realtek RTL8188CE	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	<i>Some:</i> Mini Keyboard (USB connector), black <i>Some:</i> 2.4GHz Wireless Mini Keyboard N5902, palm-sized dimensions, keyboard and mouse (optical finger navigation) combo, via micro-size USB receiver	
Mouse	<i>Some:</i> Mini Optical Wheel Mouse (USB connector), black	
Dimensions ³	<i>w/o optical (excludes stand): (WxHxD):</i> 6.10" x 0.87" x 7.56"; 155mm x 22mm x 192mm <i>with optical (excludes stand): (WxHxD):</i> 6.10" x 1.57" x 7.56"; 155mm x 40mm x 192mm	
Weight ²	From 5.25 lb (2.38 kg) to 8.02 lb (3.64 kg), vary by configuration	
Chassis	Black and silver color	
Stand	Detachable stand (silver color)	
Mount bracket	Mount bracket, meets the VESA 75mm and 100mm mount standard	

See footnotes for important warranty information

US model(s) announced November 28, 2012; November 23, 2011 or September 19 or October 24, 2012

US models withdrawn effective March 2014

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(BAFF1-1) November 2012



Lenovo IdeaCentre Q190



Lenovo IdeaCentre Q190
(with optical drive)



Lenovo IdeaCentre Q190



Lenovo IdeaCentre Q190
(with optical drive)



Optional Lenovo Mini Wireless Keyboard N5902
(57Y6678)



Lenovo IdeaCentre Q190

Type-model / Part number	Processor	GHz	L2 cache	Memory ⁸	SATA disk	External optical	Graphics	Chipset	TV tuner	802.11 wireless	Color	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57313339	Celeron 887	1.50	2MB	4GBx1	500GB ²	DVD±RW	Intel HD graphics	HM70	None	11b/g/n ²⁸	Black/Silver	N5902	Win8 64	02/13
57313340	Celeron 887	1.50	2MB	4GBx1	320GB		Intel HD graphics	HM70	None	11b/g/n	Black/Silver	N5902	Win8 64	02/13

- **IdeaCentre Q series provide ultimate multimedia experience for home entertainment**
- **Tiny desktop PC, compact space-saving design, from just 22 mm wide**
- **Attaches to the back of selected VESA-compatible monitor for better space saving**
- **(Selected models) Add-on DVD reader/writer or Blu-ray Disk drive**
- **Lossless digital audio output with S/PDIF**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Celeron® 887 processor (2 cores / 2 threads, 1.50GHz, 2MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics		Preloaded operating system ²⁰ - Windows® 8 64-bit
Memory	8GB max ⁸ , PC3-12800 1600MHz DDR3 , non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller		
Graphics	Intel HD Graphics or Intel HD Graphics 3000 , integrated in processor, External monitor support via analog VGA DB-15 connector / digital HDMI connector		
SATA disk	320GB (5400 rpm) or 500GB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide		
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in HM70 or HM76 chipset		
External optical	<i>Some:</i> DVD burner, dual-layer support, slot-in		
Multicard reader	6-in-1 (SD, SDHC, SDXC, MMC, MS, MS Pro)		
Chipset	Mobile Intel HM70 Express Chipset or Mobile Intel HM76 Express Chipset		
Front ports	Two USB 3.0, line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)		
Rear ports	Four USB 2.0 (external ODD occupies one dedicated USB 2.0 port on some models), ethernet (RJ-45), monitor (VGA DB-15, HDMI), S/PDIF-out, Kensington® Security slot		
Audio	High Definition (HD) audio, Realtek® ALC662 codec		65-watt AC adapter ENERGY STAR® qualified RoHS-compliant
External speakers	None		
Internal speaker	None		
Ethernet	Gigabit ethernet on planar, Realtek RTL8111F-CG		
Modem	None		
Security chip	None		
11b/g/n ²⁸	11b/g/n wireless ⁴ , Realtek RTL8188EE or RTL8188CE		
TV tuner	None		
Remote control	None		
Camera	None		
Keyboard	2.4GHz Wireless Mini Keyboard N5902, palm-sized dimensions, keyboard and mouse (optical finger navigation) combo, via micro-size USB receiver		Limited Warranty ¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1553) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Mouse	None		
Dimensions ³	<i>w/o optical (excludes stand): (WxHxD):</i> 6.10" x 0.87" x 7.56"; 155mm x 22mm x 192mm <i>with optical (excludes stand): (WxHxD):</i> 6.10" x 1.57" x 7.56"; 155mm x 40mm x 192mm		
Weight ²	From 5.25 lb (2.38 kg) to 7.01 lb (3.18 kg), vary by configuration		
Chassis	Black and silver color		
Stand	Detachable stand (silver color)		
Mount bracket	Mount bracket, meets the VESA 75mm and 100mm mount standard		

See footnotes for important warranty information
US models withdrawn effective March 2014

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(BAFF2-2) February 2013

IdeaCentre™ Q190 (Windows 8) - web only models - withdrawn

Personal Systems Reference (PSREF)

Type-model / Part number	Processor	GHz	L2 cache	Memory ⁸	SATA disk	External optical	Graphics	Chipset	TV tuner	802.11 wireless	Color	Keyboard/ Mouse	Win8 preload	Avail date (mm/yy)
57312250	Celeron 887	1.50	2MB	4GBx1	500GB ²	None	Intel HD graphics	HM70	None	11b/g/n ²⁸	Black/Silver	USB/USB	Win8 64	12/12
57312246	Celeron 887	1.50	2MB	4GBx1	1TB	None	Intel HD graphics	HM70	None	11b/g/n	Black/Silver	USB/USB	Win8 64	12/12
57312240	i3-2365M	1.40	3MB	4GBx1	1TB	DVD±RW	Intel HD 3000	HM76	None	11b/g/n	Black/Silver	N5902	Win8 64	01/13
57312245	i3-2365M	1.40	3MB	8GBx1	1TB	Blu-ray	Intel HD 3000	HM76	None	11b/g/n	Black/Silver	N5902	Win8 64	02/13

- **IdeaCentre Q series provide ultimate multimedia experience for home entertainment**
- **Tiny desktop PC, compact space-saving design, from just 22 mm wide**
- **Attaches to the back of selected VESA-compatible monitor for better space saving**
- **(Selected models) Add-on DVD reader/writer or Blu-ray Disk drive**
- **Lossless digital audio output with S/PDIF**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Celeron® 887 processor (2 cores / 2 threads, 1.50GHz, 2MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics Intel Core™ i3-2365M processor (2 cores / 4 threads, 1.40GHz, 3MB cache), DDR3 memory controller (up to 1333MHz), integrated Intel HD Graphics 3000	Preloaded operating system ²⁰ - Windows® 8 64-bit Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • Lenovo Cloud Storage by SugarSync • McAfee® Internet Security (30-Day Trial) • Adobe® Reader® • Microsoft Office 2010 preloaded; purchase product key to activate • Cyberlink Power2Go (DVD±RW models, Blu-ray models) • Cyberlink PowerDVD (DVD±RW models, Blu-ray models) • Lenovo Support • Lenovo Companion
Memory	8GB max ⁸ , PC3-12800 1600MHz DDR3 , non-parity, one 204-pin SO-DIMM socket * System automatically clocks down for processors with 1333MHz DDR3 memory controller	
Graphics	Intel HD Graphics or Intel HD Graphics 3000 , integrated in processor, External monitor support via analog VGA DB-15 connector / digital HDMI connector	65-watt AC adapter ENERGY STAR® qualified RoHS-compliant Limited Warranty¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1553) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
SATA disk	500GB (5400 rpm) or 1TB (5400 rpm) / SATA 3.0Gb/s, 2.5" wide	
SATA controller	Serial ATA, SATA 6.0Gb/s, integrated in HM70 or HM76 chipset	
External optical	<i>Some:</i> DVD burner, dual-layer support, slot-in <i>Some:</i> Blu-ray™ Disc reader (no Blu-ray burning), DVD recordable, slot-in	
Multicard reader	6-in-1 (SD, SDHC, SDXC, MMC, MS, MS Pro)	
Chipset	Mobile Intel HM70 Express Chipset or Mobile Intel HM76 Express Chipset	
Front ports	Two USB 3.0, line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)	
Rear ports	Four USB 2.0 (external ODD occupies one dedicated USB 2.0 port on some models), ethernet (RJ-45), monitor (VGA DB-15, HDMI), S/PDIF-out, Kensington® Security slot	
Audio	High Definition (HD) audio, Realtek® ALC662 codec	
External speakers	None	
Internal speaker	None	
Ethernet	Gigabit ethernet on planar, Realtek RTL8111F-CG	
Modem	None	
Security chip	None	
11b/g/n ²⁸	11b/g/n wireless ⁴ , Realtek RTL8188EE or RTL8188CE	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	<i>Some:</i> Full-size keyboard (USB connector), Fn keys, black <i>Some:</i> 2.4GHz Wireless Mini Keyboard N5902, palm-sized dimensions, keyboard and mouse (optical finger navigation) combo, via micro-size USB receiver	
Mouse	<i>Some:</i> Optical Wheel Mouse (USB connector), black	
Dimensions ³	<i>w/o optical (excludes stand): (WxHxD):</i> 6.10" x 0.87" x 7.56"; 155mm x 22mm x 192mm <i>with optical (excludes stand): (WxHxD):</i> 6.10" x 1.57" x 7.56"; 155mm x 40mm x 192mm	
Weight ²	From 5.25 lb (2.38 kg) to 7.01 lb (3.18 kg), vary by configuration	
Chassis	Black and silver color	
Stand	Detachable stand (silver color)	
Mount bracket	Mount bracket, meets the VESA 75mm and 100mm mount standard	

See footnotes for important warranty information

☞ US model(s) announced February 21, 2013; December 13, 2012 or January 30, 2013
US models withdrawn effective March 2014

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(BAFF2-1) February 2013

Limited Warranty¹

☞ **1-year parts and labor**

☞ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time)**

☞ **Service upgrade options (in eligible locations):⁹**

- **2-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1552)**
- **3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1553)**

☞ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**



Lenovo IdeaCentre D400



Lenovo IdeaCentre D400



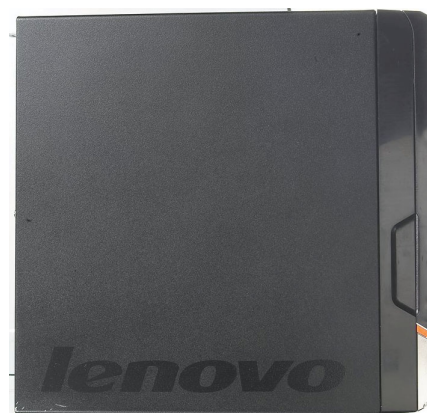
Lenovo IdeaCentre D400



Lenovo IdeaCentre D400 (rear view)



Lenovo IdeaCentre D400



Lenovo IdeaCentre D400 (left view)

Type-model	Processor	GHz	L2 cache	Memory ⁸	SATA disks	SATA optical	Graphics	eSATA	Ethernet	Color	Preload	Avail date
3013-1AU	Atom 230	1.60	512KB	1GB	1TB ² (1TB, 0, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09
3013-1BU	Atom 230	1.60	512KB	1GB	2TB (1TB, 1TB, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09
3013-1CU	Atom 230	1.60	512KB	1GB	1TB (1TB, 0, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09
3013-1DU	Atom 230	1.60	512KB	1GB	2TB (1TB, 1TB, 0, 0)	None	GMA 950	eSATA	Gigabit	Black	Windows Home Server	Sep 09

- **A Digital home storage, smaller than a 9 inch cube and built to store/share music, movies, files and more.**
- **Easy plug-and-play set up and convenient remote access.**
- **Provides four 3.5 inch bays for hard disks, up to 8TB capacity.**
- **Easy USB file transfer, pressing one button to copy USB drive contents to the internal hard drives.**

Processor	Intel® Atom™ Processor 230 with single-core, Hyper-Threading technology, Intel 64 Technology, Execute Disable Bit, 533MHz system bus, and 512KB L2 cache		Small Form Factor	
Implementation	Processor in Micro-FCBGA package in BGA437 socket		• Black color bezel • 7.9" W X 8.2" D X 8.3" H • 200mm W X 208.6mm D X 212mm H • 14.3 lb (6.5 kg) for maximum configuration	
Memory	1GB std , 2GB max ⁸ , PC2-6400 800MHz DDR2 , non-parity, one 240-pin DIMM socket <i>Non-Italics</i> : standard memory in socket; no sockets available		Bay ① 3.5", 1" high, external, standard disk Bay ② 3.5", 1" high, external, optional disk* Bay ③ 3.5", 1" high, external, optional disk* Bay ④ 3.5", 1" high, external, optional disk* * Bay used in some models	
Graphics	Intel Graphics Media Accelerator 950 (GMA 950) , integrated graphics in 945GC, uses main memory, no monitor ports, remote access via network		Slot 1: half-length, low-profile, PCI Express x4	
SATA disks	1TB or 2TB std , up to 8TB capacity, SATA 3Gb/s, 7200 rpm, Four hard disk bays, tool-less, support hot-swap*		Data protection features • Back up all your home digital devices automatically • Duplicate important data automatically, copy designated data to two internal hard drives for added safety (some models) • Inbuilt flash drive allows easy recovery and prevents data lost in the event of a system problem	
Disk bays	* Need to first remove disk in software via Windows Home Server Console			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7			
SATA DVD±RW	None			
SATA cables	Four SATA cables (each 1-drop to device), Four SATA connectors			
eSATA port	One external SATA (eSATA) port in rear		Available at these retailers • lenovo.com	
Diskette drive	None			
Media reader	None			
Chipset	Intel 945GC Express Chipset , I/O Controller Hub 7 RAID [ICH7R] (SATA 3.0Gb/s, ethernet MAC, PCI 2.3, USB, LPC bus)			
Front ports	One USB 2.0 with USB copy button (Easy USB file transfer function)			
Rear ports	Four USB 2.0, one eSATA, ethernet (RJ-45)		Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686	
Rear audio ports	None			
Audio	None			
External speakers	None			
Internal speaker	None			
Ethernet	Gigabit ethernet on planar, Marvell® 88E8071			
Modem	None			
Security chip	None			
Keyboard	None			
Mouse	None			
Power supply	200 watts, universal, auto autosensing			
Security	Security slot (in rear for optional Kensington® Microsaver® cable)			
Preloaded operating system²⁰ - Genuine Windows® Home Server		Client applications (Needs customer installation, Client software CD included) • Windows Home Server Connector Software • Lenovo Home Server EasyAccess utility		
Preloaded applications⁵ • LightsOut • iTunes Server • LED brightness control • One Key USB backup • IP address configuration • System Information				

See footnotes for important warranty information
 US models withdrawn effective March 2014

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 (HS1-1) September 2009

Part number	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ³	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Avail date
57-078915	4x5	Celeron E1200	1.60	512KB	2	2GB	16-in-1	320GB ²	DVD±RW	GMA 3100			Camera	Home Prem	May 08
57-078894	4x5	Pentium E2140	1.60	1MB	2	4GB	16-in-1	500GB	DVD±RW	GMA 3100			Camera	Home Prem	May 08
57-076245	4x5	Pentium E2180	2.00	1MB	2	1GB	16-in-1	320GB	DVD±RW	GMA 3100	Mod			Home Basic	May 08
57-076162	4x5	Pentium E2180	2.00	1MB	2	2GB	16-in-1	320GB	DVD±RW	GMA 3100	Mod		Camera	Home Prem	May 08
57-076161	4x5	Pentium E2180	2.00	1MB	2	3GB	16-in-1	500GB	DVD±RW	GMA 3100	Mod			Home Prem	May 08
57-076522	4x5	Pentium E2180	2.00	1MB	2	3GB	16-in-1	500GB	DVD±RW	GMA 3100	Mod	L222	Camera	Home Prem	May 08

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment**
- **(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face**

Processor	Intel Celeron Dual-Core Processor E1200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 512KB L2 cache or Intel Pentium® Dual-Core Processor E2140 or E2180 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 1MB L2 cache		Tower • Black and silver bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Implementation	Processor in FC-LGA6 package in LGA775 socket		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x1 Ver 1.1 Slot 2: half-length,full-height, PCI Express x16 Ver 1.1 Slot 3: half-length,full-height, 32-bit PCI Ver 2.3 * Slot 4: half-length,full-height, 32-bit PCI Ver 2.3 * modem in slot in some models	
Memory	1GB, 2GB, 3GB, or 4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available			
Graphics	Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector			
SATA disk	320GB or 500GB , SATA 3.0Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH		Lenovo L222 Wide • Widescreen 22-inch flat panel monitor • Active Matrix TFT LCD screen • Supports WSXGA+ 1680x1050 resolution • 16:10 aspect ratio • 22.0" (559mm) viewable image size (diagonal) • 300 nits brightness (typical) • 1000:1 contrast ratio (typical) • 5ms pixel response time • Dual video input: one analog D-sub connector and one digital DVI-D connector • HDCP-compliant • Ergonomic stand tilts and swivels • High-gloss black case • Touch-sensitive control button • Soundbar with speakers included <i>Lenovo L222 Wide Monitor is only bundled with some models</i> Available at these retailers • B&HTM • J&RTM • Newegg[®] • TigerDirect • ASI Computer Systems Limited Warranty¹ ≈ 1-year parts and labor ≈ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ≈ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ≈ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686	
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive			
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors			
EIDE controller	One			
EIDE cables	None			
Diskette drive	None			
Media reader	16-in-1 media reader, internal USB 2.0			
Chipset	Intel G31 Express Chipset ; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3.0Gb/s, PCI Express [®] x1, PCI 2.3, USB, LPC bus / Winbond [®] W83627DHG Super I/O for serial, parallel, keyboard, mouse functions			
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)			
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15)			
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)			
Audio	High Definition (HD) audio, ALC662 codec			
External speakers	None			
Internal speaker	None			
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)			
Modem	<i>Some:</i> 56K ¹⁰ V.92 data/fax soft modem, PCI adapter			
Security chip	None			
TV tuner	None			
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus			
Keyboard	104-key antibacterial keyboard (PS/2 connector)			
Mouse	Optical Wheel Mouse (USB connector), 400 dpi			
Power supply	280 watts, universal, manual switch			
Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows[®] Vista[®] Home Basic 32 - <i>Some:</i> Genuine Windows Vista Home Premium 32 ❖ 57-076245: Vista Basic logo ❖ <i>Others:</i> Vista Premium logo		Preloaded applications⁵ • Lenovo[®] OneKey Recovery • Lenovo Healthcare Software • Lenovo Media Studio • Driver and Application Installation • Trend Micro[™] PC-cillin[™] Internet Security 2007 • EarthLink[®] • Windows Live[™] Toolbar • Microsoft[®] Office 2007 Trial (60-day) • VeriFace[™] • Corel[®] WinDVD[®] (DVD±RW) • CyberLink Power2Go (DVD±RW)		

Part number	Slot x bay	Processor	L2 cache	GHz	Cores	Memory ⁸	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Avail date
57-076523	4x5	Core 2 Duo E4600	2.40	2MB	2	3GB	16-in-1	500GB ²	DVD±RW	GMA 3100	Mod	None	None	Home Prem	May 08
57-082791	4x5	Core 2 Duo E7200	2.53	3MB	2	3GB	16-in-1	500GB	DVD±RW	GMA 3100		None	Cam	Home Prem	Aug 08
57-076158	4x5	Core 2 Quad Q6600	2.40	8MB	4	3GB	16-in-1	500GB	DVD±RW	GMA 3100	Mod	None	None	Home Prem	May 08
57-076244	4x5	Core 2 Quad Q6600	2.40	8MB	4	3GB	16-in-1	500GB	Blu-ray	HD 2600 PRO	Mod	None	None	Home Prem	May 08
57-082788	4x5	Core 2 Quad Q6600	2.40	8MB	4	4GB	16-in-1	500GB	DVD±RW	9300 GE	Mod	None	Cam	Home Prem	Aug 08

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment**
- **(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face**

Processor	Intel® Core™ 2 Duo Processor E4600 with dual-core Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo Processor E7200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q6600 with quad-core (dual-core on dual-die), Intel 64 Technology, Virtualization Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 8MB L2 cache		Tower • Black and silver bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention		
Implementation	Processor in FC-LGA6 package in LGA775 socket		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk		
Memory	3GB or 4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available				
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector <i>Some:</i> ATI™ Radeon™ HD 2600 PRO , PCI Express x16, 256MB memory, DirectX® 10, ATI Avivo™, one D-sub connector and one DVI-D connector, HDCP-compliant <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express x16, 256MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out, VGA connector, DVI-I connector, HDCP-compliant		Slot 1: half-length, full-height, PCI Express x1 Ver 1.1 Slot 2: half-length, full-height, PCI Express x16 Ver 1.1** Slot 3: half-length, full-height, 32-bit PCI Ver 2.3 * Slot 4: half-length, full-height, 32-bit PCI Ver 2.3 * modem in slot ** used in some models		
SATA disk	500GB , SATA 3.0Gb/s, 7200 rpm				
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH				
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive				
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), supports HD-DVD playback, DVD and CD recordable				
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors				
EIDE controller	One				
EIDE cables	None				
Diskette drive	None				
Media reader	16-in-1 media reader, internal USB 2.0				
Chipset	Intel G31 Express Chipset ; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions				
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)				
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15, DVI-D in some models)				
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)				
Audio	High Definition (HD) audio, ALC662 codec				
External speakers	None				
Internal speaker	None				
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)				
Modem	<i>Some:</i> 56K ¹⁰ V.92 data/fax soft modem, PCI adapter				
Security chip	None				
TV tuner	None				
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus		Available at these retailers • B&H™ • J&R™ • MICROCENTER® • Newegg® • TigerDirect		
Keyboard	104-key anti-bacterial keyboard (PS/2 connector)				
Mouse	Optical Wheel Mouse (USB connector), 400 dpi				
Power supply	280 watts, universal, manual switch				
Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 32 ✧ Vista Premium logo		Preloaded applications ⁵ • Lenovo® OneKey Recovery • Lenovo Healthcare Software • Lenovo Media Studio • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2007 • EarthLink® • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)		Limited Warranty ¹ ↪ 1-year parts and labor ↪ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ↪ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ↪ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686	

See footnotes for important warranty information
 US models announced May 12 or July 15, 2008
 US models withdrawn effective January 18, 2012

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ³	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Avail date
5313-3AU	4x5	Celeron E1200	1.60	512KB	2	1GB		160GB ²	DVD	GMA 3100		None		Home Basic	Jul 08
5313-3BU	4x5	Celeron E1200	1.60	512KB	2	1GB	16-in-1	250GB	DVD±RW	GMA 3100	Mod	None		Home Prem	Jul 08
5313-4AU	4x5	Pentium E2180	2.00	1MB	2	2GB	16-in-1	320GB	DVD±RW	GMA 3100	Mod	None	Camera	Home Prem	Jul 08
5313-4BU	4x5	Pentium E2180	2.00	1MB	2	3GB	16-in-1	500GB	DVD±RW	GMA 3100		None	Camera	Home Prem	Jul 08
5313-4DU	4x5	Pentium E2200	2.20	1MB	2	2GB		250GB	DVD±RW	GMA 3100		None		Home Prem	Oct 08
5313-4EU	4x5	Pentium E2200	2.20	1MB	2	3GB		320GB	DVD±RW	GMA 3100		None		Home Prem	Oct 08
5313-4CU	4x5	Pentium E2200	2.20	1MB	2	4GB	16-in-1	500GB	DVD±RW	GMA 3100		None	Camera	Home Prem	Jul 08
5313-5CU	4x5	Pentium E5200	2.50	2MB	2	4GB	16-in-1	640GB	DVD±RW	GMA 3100		None		Home Prem	Nov 08

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment**
- **(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face**

Processor	Intel Celeron Dual-Core Processor E1200 with dual-core, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 512KB L2 cache or Intel Pentium® Dual-Core Processor E2180, E2200, or E5200 with dual-core, Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus; <i>E2180/E2200:</i> 1MB L2 cache; <i>E5200:</i> 2MB L2 cache Processor in FC-LGA6 package in LGA775 socket		Tower • Black and silver bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Implementation				
Memory	1GB, 2GB, 3GB, or 4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available			
Graphics	Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector			
SATA disk	160GB, 250GB, 320GB, 500GB, or 640GB SATA 3Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH			
SATA DVD	<i>Some:</i> DVD-ROM DL SATA 1.5Gb/s 16X-48X Max ⁴			
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive			
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors			
EIDE controller	One			
EIDE cables	None			
Diskette drive	None			
Media reader	<i>Some:</i> 16-in-1 media reader, internal USB 2.0			
Chipset	Intel G31 Express Chipset ; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions			
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)			
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15)			
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)			
Audio	High Definition (HD) audio, ALC662 codec			
External speakers	None			
Internal speaker	None			
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)			
Modem	<i>Some:</i> 56K ¹⁰ V.92 data/fax soft modem, PCI adapter			
Security chip	None			
TV tuner	None			
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus			
Keyboard	104-key antibacterial keyboard (PS/2 connector)			
Mouse	Optical Wheel Mouse (USB connector), 400 dpi			
Power supply	280 watts, universal, manual switch			
Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® Vista® Home Basic 32 - <i>Some:</i> Genuine Windows Vista Home Premium 32 ◇ 5313-3AU/3BU: Vista Basic logo ◇ Others: Vista Premium logo			Preloaded applications ⁵ • Lenovo® OneKey Recovery • Lenovo Healthcare Software • Lenovo Media Studio • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2007 • EarthLink® • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Corel® WinDVD® (DVD, DVD±RW) • CyberLink Power2Go (DVD, DVD±RW)	
			Available at these retailers • lenovo.com • Fry's	
			Limited Warranty ¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686	



Type-model	Slot x bay	Processor	L2 cache	GHz	Cores	Memory ⁸	Media reader	SATA disk	SATA optical	Graphics	Modem	Monitor	Camera	Vista preload	Avail date
5313-1FU	4x5	Core 2 Duo E7200	2.53	3MB	2	4GB	16-in-1	640GB ²	DVD±RW	GMA 3100	None	None		Home Prem	Oct 08
5313-2BU	4x5	Core 2 Quad Q6600	2.40	8MB	4	4GB	16-in-1	500GB	DVD±RW	GMA 3100	None	None	Cam	Home Prem	Jul 08
5313-2CU	4x5	Core 2 Quad Q6600	2.40	8MB	4	4GB	16-in-1	500GB	Blu-ray	9300 GE	None	None		Home Prem	Jul 08
5313-2FU	4x5	Core 2 Quad Q6600	2.40	8MB	4	4GB	16-in-1	1TB	Blu-ray	9300 GE	None	None		Home Prem	Oct 08

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo® Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**
- **(Select models) Healthcare eyesight protection software detect distance between user and monitor and adjusts monitor brightness based on environment**
- **(Select models) Lenovo Bright Eye camera and VeriFace face recognition software help control access to your computer by recognizing your face**

Processor	Intel® Core 2 Duo™ Processor E7200 with dual-core. Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q6600 with quad-core (dual-core on dual-die), Intel 64 Technology, Virtualization Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 8MB L2 cache		Tower • Black and silver bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length, full-height, PCI Express x1 Ver 1.1 Slot 2: half-length, full-height, PCI Express x16 Ver 1.1** Slot 3: half-length, full-height, 32-bit PCI Ver 2.3 Slot 4: half-length, full-height, 32-bit PCI Ver 2.3 ** used in some models
Implementation	Processor in FC-LGA6 package in LGA775 socket		
Memory	4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available		
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G31, uses main memory, one 15-pin analog D-sub connector <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express® x16, 256MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out, VGA connector, DVI-I connector, HDCP-compliant		
SATA disk	500GB, 640GB, or 1TB , SATA 3.0Gb/s, 7200 rpm		
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7DH		
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive		
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, supports HD-DVD playback, DVD and CD recordable		
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors		
EIDE controller	One		
EIDE cables	None		
Diskette drive	None		
Media reader	16-in-1 media reader, internal USB 2.0		
Chipset	Intel G31 Express Chipset ; I/O Controller Hub 7 Digital Home (ICH7DH) for SATA 3Gb/s, PCI Express® x1, PCI 2.3, USB, LPC bus / Winbond® W83627DHG Super I/O for serial, parallel, keyboard, mouse functions		
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)		Available at these retailers • lenovo.com • Fry's
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (DB-15, DVI-I in some models)		
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)		
Audio	High Definition (HD) audio, ALC662 codec		
External speakers	None		
Internal speaker	None		
Ethernet	10/100 ethernet on planar, Intel 82562GZ (PHY/MAC)		
Modem	None		
Security chip	None		
TV tuner	None		
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus		
Keyboard	104-key anti-bacterial keyboard (PS/2 connector)		Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Mouse	Optical Wheel Mouse (USB connector), 400 dpi		
Power supply	280 watts, universal, manual switch		
Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 32 ♦ Vista Premium logo		Preloaded applications⁵ • Lenovo® OneKey Recovery • Lenovo Healthcare Software • Lenovo Media Studio • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2007 • EarthLink® • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • VeriFace™ • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)	

See footnotes for important warranty information
 US models announced July 15 or October 22, 2008
 US models withdrawn effective January 18, 2012

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Part number	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	Media reader	SATA disk	SATA optical	Graphics	Monitor	Camera	802.11 wireless	Vista preload	Vista logo	Avail date
57092255	4x5	E5200	2.50	2MB	2	4GB	16-in-1	500GB ²	Blu-ray	GMA 4500			None	Prem 64	Basic	Jan 09
57094704	4x5	E5200	2.50	2MB	2	4GB	16-in-1	640GB	DVD±RW	GMA 4500	L222 HD	Camera	None	Prem 64	Basic	Jan 09
57092262	4x5	Q8200	2.33	4MB	4	4GB	16-in-1	1TB	Blu-ray	GMA 4500			11b/g	Prem 64	Basic	Mar 09

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Dual-Core Processor E5200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Quad Processor Q8200 with quad-core (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket		Tower • Black bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Implementation			Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk	
Memory	4GB std , 4GB max ⁸ , PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available		Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 3: half-length, full-height, 32-bit PCI Ver 2.3 Slot 4: half-length, full-height, 32-bit PCI Ver 2.3 * Wireless adapter in slot in some models	
Graphics	Intel Graphics Media Accelerator 4500 (GMA 4500) , integrated graphics in G43, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector			
SATA disk	500GB , 640GB , or 1TB SATA 3Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10			
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive			
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable			
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors			
EIDE controller	None			
Diskette drive	None			
Media reader	16-in-1 media reader, internal USB 2.0			
Chipset	Intel G43 Express Chipset (PCI Express® 2.0 x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5147-NW Super I/O		Lenovo L222 Wide (HD) • Widescreen 22-inch flat panel monitor • Active Matrix TFT LCD screen • Supports WUXGA 1920x1200 resolution • High Definition (HD) ready; supports 1080p video • 16:10 aspect ratio • 22.0" (559mm) viewable image size (diagonal) • 300 nits brightness (typical) • 1000:1 contrast ratio (typical) • 5ms pixel response time • Dual video input: one analog D-sub connector and one digital DVI-D connector • HDCP-compliant • Ergonomic stand tilts and swivels • High-gloss black case • Touch-sensitive control button • Soundbar with speakers included <i>Lenovo L222 Wide (HD) Monitor is only bundled with some models</i>	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)			
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15)			
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)			
Audio	High Definition (HD) audio, ALC662 codec			
External speakers	None			
Internal speaker	None			
Ethernet	10/100 ethernet on planar, RealTek® RTL8102E			
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom BCM4312, PCIe x1 adapter			
Modem	None			
Security chip	None			
TV tuner	None			
Camera	<i>Some:</i> Lenovo Bright Eye camera, 0.3-megapixel, fixed focus			
Keyboard	104-key antibacterial keyboard (PS/2 connector)			
Mouse	Optical Wheel Mouse (USB connector), 400 dpi			
Power supply	280 watts, universal, manual switch			
Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 64		Preloaded applications ⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)		
		Available at these retailers • Newegg® • TigerDirect		
		Limited Warranty ¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686		

See footnotes for important warranty information
 US models announced January 27 or March 17, 2009
 US models withdrawn effective January 18, 2012

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Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	Media reader	SATA disk	SATA optical	Graphics	Monitor	Camera	802.11 wireless	Vista preload	Vista logo	Avail date
5358-4AU	4x5	E2220	2.40	1MB	2	2GB	16-in-1	250GB ²	Blu-ray	GMA 4500	None	None		Prem 64	Basic	Jan 09
5358-4BU	4x5	E2220	2.40	1MB	2	4GB	16-in-1	640GB	Blu-ray	GMA 4500	None	None		Prem 64	Basic	Jan 09
5358-1FU	4x5	E5200	2.50	2MB	2	4GB	16-in-1	500GB	DVD±RW	GMA 4500	None	None		Prem 64	Basic	Jan 09
5358-1BU	4x5	E5200	2.50	2MB	2	4GB	16-in-1	640GB	DVD±RW	9300 GE	None	None	11b/g	Prem 64	Prem	Jan 09
5358-2CU	4x5	Q8200	2.33	4MB	4	4GB	16-in-1	640GB	DVD±RW	9300 GE	None	None		Prem 64	Prem	Jan 09
5358-2DU	4x5	Q8200	2.33	4MB	4	4GB	16-in-1	1TB	Blu-ray	9300 GE	None	None	11b/g	Prem 64	Prem	Jan 09

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Dual-Core Processor E2220 or E5200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus; <i>E2220:</i> 1MB L2 cache; <i>E5200:</i> 2MB L2 cache or Intel Core™ 2 Quad Processor Q8200 with quad-core (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket	Tower • Black bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Implementation		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 * Slot 3: half-length,full-height, 32-bit PCI Ver 2.3 Slot 4: half-length,full-height, 32-bit PCI Ver 2.3 * Wireless adapter in slot in some models ** used in some models
Memory	2GB or 4GB std , 4GB max ⁸ , PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 240-pin DIMM sockets <i>Italics:</i> standard memory in both sockets; no sockets available; <i>Non-italics:</i> standard memory in one socket; 1 socket available	
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500 (GMA 4500) , integrated graphics in G43, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express® x16, 512MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out for TV-out, VGA DB-15 connector, DVI-I connector, HDCP-compliant	
SATA disk	250GB, 500GB, 640GB or 1TB SATA 3Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10	
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable	
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors	
EIDE controller	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	Intel G43 Express Chipset (PCI Express® 2.0 x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5147-NW Super I/O	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), 1BU/2CU/2DU: monitor (VGA DB-15, DVI-I), S-Video out; <i>Others:</i> monitor (VGA DB-15)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
Audio	High Definition (HD) audio, ALC662 codec	
External speakers	None	
Internal speaker	None	
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom BCM4312, PCIe x1 adapter	
Ethernet	10/100 ethernet on planar, Realtek® RTL8102E	
Modem	None	
Security chip	None	
TV tuner	None	
Camera	None	
Keyboard	104-key antibacterial keyboard (PS/2 connector)	
Mouse	Optical Wheel Mouse (USB connector), 400 dpi	
Power supply	280 watts, universal, manual switch	
Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 64		
Preloaded applications ⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)		
		Available at these retailers • lenovo.com • Fry's
		Limited Warranty ¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

Part number	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	Camera	Vista preload	Avail date
57093697	4x5	E2220	2.40	1MB	2	5GB	(2, 2, 1)	16-in-1	500GB ²	DVD±RW	GMA 3100	None	None	None	Prem 64	Jan 09
57093706	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100	None	None	None	Prem 64	Mar 09
57093729	4x5	E7300	2.66	3MB	2	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	GMA 3100	None	None	None	Prem 64	Jan 09
57094418	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100	None	None	None	Prem 64	Mar 09
57093719	4x5	Q8200	2.33	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	GMA 3100	None	None	None	Prem 64	Mar 09

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- **Lenovo® Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Processor E2220 or E5200 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus; <i>E2220</i> : 1MB L2 cache; <i>E5200</i> : 2MB L2 cache or Intel Core 2 Duo™ Processor E7300 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8200 with quad-core (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket			Tower • Black bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention		
Implementation				Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk		
Memory	5GB, 6GB, or 8GB std , 8GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, four 240-pin DIMM sockets			Slot 1: half-length, full-height, PCI Express x16 Ver 1.1 Slot 2: half-length, full-height, PCI Express x1 Ver 1.1 Slot 3: half-length, full-height, PCI Express x1 Ver 1.1 Slot 4: half-length, full-height, 32-bit PCI Ver 2.3		
Graphics	Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G33, uses main memory, one 15-pin analog VGA DB-15 connector					
SATA disk	500GB, 640GB, or 1TB , SATA 3.0Gb/s, 7200 rpm					
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH9DH					
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive					
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors					
EIDE controller	None					
Diskette drive	None					
Media reader	16-in-1 media reader, internal USB 2.0					
Chipset	Intel G33 Express Chipset (PCI Express® x16), I/O Controller Hub 9 Digital Home [ICH9DH] (SATA 3.0Gb/s support, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O					
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)					
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15)					
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out					
Audio	High Definition (HD) audio, ADI1988 codec					
External speakers	None					
Internal speaker	None					
Ethernet	Gigabit ethernet on planar, Intel 82256DC					
Wireless	None					
Modem	None					
Security chip	None					
TV tuner	None					
Remote control	None					
Camera	None					
Keyboard	104-key anti-bacterial keyboard (PS/2 connector)					
Mouse	Optical Wheel Mouse (USB connector), 400 dpi					
Power supply	280 watts, universal, manual switch					
Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 64 ♦ Vista Basic logo				Preloaded applications⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2007 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW) • CyberLink Power2Go (DVD±RW)		



Available at these retailers

- TigerDirect

Limited Warranty¹

- ⇒ **1-year parts and labor**
- ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ⇒ **Service upgrade options (in eligible locations):⁹**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)
- ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**



Available at these retailers

- TigerDirect

Limited Warranty¹

- ≈ 1-year parts and labor
- ≈ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)
- ≈ Service upgrade options (in eligible locations):⁹
 - 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)
- ≈ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

See footnotes for important warranty information
 US models announced February 24 or March 17, 2009
 US models withdrawn effective January 18, 2012

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 (KW3-1) January 2012

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Vista preload	Avail date
5359-1BU	4x5	E2220	2.40	1MB	2	5GB	(2, 2, 1)	16-in-1	500GB ²	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-2EU	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-2BU	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-3EU	4x5	E7300	2.66	3MB	2	6GB	(2, 2, 2)	16-in-1	1TB	DVD±RW	GMA 3100			11b/g	Prem 64	Jan 09
5359-3AU	4x5	E7400	2.80	3MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-4CU	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Jan 09
5359-4DU	4x5	Q8200	2.33	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	9300 GE			11b/g	Prem 64	Jan 09
5359-4GU	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Feb 09
5359-5AU	4x5	Q9400	2.66	6MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	Blu-ray	9300 GE	TV	Remote	11b/g	Prem 64	Jan 09

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Processor E2220 or E5200 with dual-core , 800MHz system bus; <i>E2220:</i> 1MB L2 cache; <i>E5200:</i> 2MB L2 cache or Intel Core™ 2 Duo Processor E7300 or E7400 with dual-core 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8200 or Q9400 with quad-core (dual-core on dual-die), 1333MHz system bus; <i>Q8200:</i> 4MB L2 cache; <i>Q9400:</i> 6MB L2 cache	Tower • Black color bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Implementation	Processor in FC-LGA6 package in LGA775 socket	
Memory	5GB, 6GB, or 8GB std. , 8GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, four 240-pin DIMM sockets	Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G33, uses main memory, one 15-pin analog VGA DB-15 connector <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express® x16, 512MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out for TV-out, VGA DB-15 connector, DVI-I connector, HDCP-compliant	Slot 1: half-length,full-height, PCI Express x16 Ver 1.1 ** Slot 2: half-length,full-height, PCI Express x1 Ver 1.1 * Slot 3: half-length,full-height, PCI Express x1 Ver 1.1 * Slot 4: half-length,full-height, 32-bit PCI Ver 2.3
SATA disk	500GB, 640GB, or 1TB SATA 3Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH9DH	
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable	
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors	
EIDE controller	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	Intel G33 Express Chipset (PCI Express® x16), I/O Controller Hub 9 Digital Home [ICH9DH] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), <i>4DU/5AU:</i> monitor (VGA DB-15, DVI-I), S-Video out; <i>Others:</i> monitor (VGA DB-15)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out	
Audio	High Definition (HD) audio, ADI1988 codec	
External speakers	None	
Internal speaker	None	
Ethernet	Gigabit ethernet on planar, Intel 82256GC	
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom® BCM4312, PCIe x1 adapter	
Modem	None	
Security chip	None	
TV tuner	<i>Some:</i> Hybrid tuner, support analog (NTSC) and digital (ATSC) signal , Hauppauge WinTV-HVR-1250,PCIe x 1	
Remote control	<i>Some:</i> Philips® Vista MCE remote control (40-button), IR receiver via USB	
Camera	None	
Keyboard	104-key antibacterial keyboard (PS/2 connector)	
Mouse	Optical Wheel Mouse (USB connector), 400 dpi	
Power supply	280 watts, universal, manual switch	
Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 64 ♦ <i>5359-4DU/5AU:</i> Vista Premium logo ♦ <i>Others:</i> Vista Basic logo		Preloaded applications ⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW, Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)

Available at these retailers

- lenovo.com
- Fry's

Limited Warranty¹

- ⇒ 1-year parts and labor
- ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)
- ⇒ Service upgrade options (in eligible locations):⁹
 - 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)
- ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686



Available at these retailers

- lenovo.com
- Fry's

Limited Warranty¹

- ≈ **1-year parts and labor**
- ≈ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- ≈ **Service upgrade options (in eligible locations):⁹**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day^{78Y1553}**
- ≈ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**

Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Vista preload	Avail date
5359-2HU	4x5	E5200	2.50	2MB	2	6GB	(2, 2, 2)	16-in-1	500GB ²	DVD±RW	GMA 3100				Prem 64	Aug 09
5359-3NU	4x5	E7500	2.93	3MB	2	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100			11b/g	Prem 64	Aug 09
5359-3JU	4x5	E7500	2.93	3MB	2	6GB	(2, 2, 2)	16-in-1	500GB	DVD±RW	GMA 3100				Prem 64	Aug 09
5359-3LU	4x5	E7500	2.93	3MB	2	8GB	(2, 2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100				Prem 64	Aug 09
5359-4PU	4x5	Q8200	2.33	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	GMA 3100	TV	Remote	11b/g	Prem 64	Aug 09
5359-4QU	4x5	Q8200	2.33	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	9300 GE			11b/g	Prem 64	Aug 09

- **Antibacterial keyboard uses special material on the surface of the keys to restrain bacterial growth**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Processor E5200 with dual-core , 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo Processor E7500 with dual-core 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8200 with quad-core (dual-core on dual-die), 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket		Tower • Black color bezel • 7.1" W X 17.0" D X 15.0" H • 180mm W X 432mm D X 380mm H • 21.5 lb (9.75 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Implementation				
Memory	6GB or 8GB std , 8GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, four 240-pin DIMM sockets			
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 3100 (GMA 3100) , integrated graphics in G33, uses main memory, one 15-pin analog VGA DB-15 connector <i>Some:</i> NVIDIA® GeForce® 9300 GE , PCI Express® x16, 512MB memory, DirectX® 10, TurboCache, PureVideo™ HD technology, S-video out for TV-out, VGA DB-15 connector, DVI-I connector, HDCP-compliant		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x16 Ver 1.1 ** Slot 2: half-length,full-height, PCI Express x1 Ver 1.1 * Slot 3: half-length,full-height, PCI Express x1 Ver 1.1 * Slot 4: half-length,full-height, 32-bit PCI Ver 2.3 * Wireless adapter or TV tuner in slot in some models ** used in some models	
SATA disk	500GB, 640GB , or 1TB SATA 3Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH9DH			
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive			
SATA cables	Two SATA cables (each 1-drop to device), four SATA connectors			
EIDE controller	None			
Diskette drive	None			
Media reader	16-in-1 media reader, internal USB 2.0			
Chipset	Intel G33 Express Chipset (PCI Express® x16), I/O Controller Hub 9 Digital Home [ICH9DH] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5617 Super I/O			
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)			
Rear ports	Four USB 2.0, one serial (9-pin), parallel (25-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), <i>4QU:</i> monitor (VGA DB-15, DVI-I), S-Video out; <i>Others:</i> monitor (VGA DB-15)			
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out			
Audio	High Definition (HD) audio, ADI1988 codec			
External speakers	None			
Internal speaker	None			
Ethernet	Gigabit ethernet on planar, Intel 82256GC			
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom® BCM4312, PCIe x1 adapter			
Modem	None			
Security chip	None			
TV tuner	<i>Some:</i> Hybrid tuner, support analog (NTSC) and digital (ATSC) signal , Hauppauge WinTV-HVR-1250,PCIe x 1			
Remote control	<i>Some:</i> Philips® Vista MCE remote control (40-button), IR receiver via USB			
Camera	None			
Keyboard	104-key antibacterial keyboard (PS/2 connector)			
Mouse	Optical Wheel Mouse (USB connector), 400 dpi			
Power supply	280 watts, universal, manual switch			
Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 64 ✧ <i>5359-4QU:</i> Vista Premium logo ✧ <i>Others:</i> Vista Basic logo			Preloaded applications ⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Corel® WinDVD® (DVD±RW) • CyberLink Power2Go (DVD±RW)	



Limited Warranty¹

- 1-year parts and labor
- Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)
- Service upgrade options (in eligible locations):⁹
 - 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)
- 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686



Limited Warranty¹

- ⇒ 1-year parts and labor
- ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)
- ⇒ Service upgrade options (in eligible locations):⁹
 - 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)
- ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

See footnotes for important warranty information
 US models announced August 19, 2009
 US models withdrawn effective January 18, 2012

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Lenovo IdeaCentre K300



Lenovo IdeaCentre K300



Lenovo IdeaCentre K300
(monitor not included)



Lenovo IdeaCentre K300
Power control switch



Lenovo IdeaCentre K300
toolless disk drive removal



Lenovo IdeaCentre K300
top button

Type-model	Slot x bay	Pro-processor	GHz	L2 cache	Cores	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
5316-1AU	4x5	Q8300	2.50	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB ²	DVD±RW	GMA X4500				Prem 64	Oct 09
5316-1BU	4x5	Q8300	2.50	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	HD4350	TV	Remote	11b/g ¹¹	Prem 64	Oct 09
5316-1GU	4x5	Q8300	2.50	4MB	4	6GB	(2, 2, 2)	16-in-1	640GB	Blu-ray	HD4650				Prem 64	Oct 09
5316-1CU	4x5	Q8300	2.50	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	HD4650			11b/g	Prem 64	Oct 09
5316-2AU	4x5	E5300	2.60	2MB	2	3GB	(1, 2)	16-in-1	320GB	DVD±RW	GMA X4500				Prem 64	Oct 09
5316-2CU	4x5	E7500	2.93	3MB	2	4GB	(2, 2)	16-in-1	640GB	DVD±RW	GMA X4500				Prem 64	Oct 09
5316-1EU	4x5	Q8300	2.50	4MB	4	8GB	(2, 2, 2, 2)	16-in-1	1TB	DVD±RW	HD4650	TV	Remote		Prem 64	Oct 09

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Pentium® Processor E5300 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo™ Processor E7500 with dual-core , Intel 64 Technology, Execute Disable Bit, EIST, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8300 with quad-core (dual-core on dual-die), Intel 64 Technology, Execute Disable Bit, EIST, 1333MHz system bus, and 4MB L2 cache Processor in FC-LGA6 package in LGA775 socket	Tower • Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention
Implementation		Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 * Slot 3: half-length,full-height, PCI Express x1 Ver 2.0 Slot 4: half-length,full-height, 32-bit PCI Ver 2.3 * Wireless adapter in slot in some models ** Graphics adapter in slot in some models
Memory	3GB, 4GB, 6GB, or 8GB std , 8GB max ⁸ , dual-channel capable, PC3-8500 1066MHz DDR3 , non-parity, four 240-pin DIMM sockets	
Graphics	<i>Some:</i> Intel Graphics Media Accelerator X4500 (GMA X4500) , integrated graphics in G43, uses main memory, DirectX® 10, one 15-pin analog VGA DB-15 connector <i>Some:</i> ATI™ Radeon™ HD 4350 , PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD, VGA, DVI-I, HDCP-compliant <i>Some:</i> ATI™ Radeon™ HD 4650 , PCI Express® x16, 1GB memory, DirectX® 10, ATI Avivo™ HD, VGA, HDMI, DisplayPort, HDCP-compliant	
SATA disk	320GB, 640GB, or 1TB SATA 3Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10R, RAID 0 support	
SATA DVD±RW	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable	
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors	
EIDE controller	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	Intel G43 Express Chipset (PCI Express® 2.0 x16), I/O Controller Hub 10 RAID [ICH10R] (SATA 3.0Gb/s with RAID 0 support, PCI Express x1, ethernet MAC, PCI 2.3, USB, LPC bus), SMSC® SCH5147-NW Super I/O	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), <i>HD 4650 models:</i> monitor (VGA DB-15, HDMI, DisplayPort) <i>HD 4350 models:</i> monitor (VGA DB-15, DVI-I) <i>Others:</i> monitor (VGA DB-15)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
Audio	High Definition (HD) audio, ALC662 codec	
External speakers	None	
Internal speaker	None	
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom BCM4312, PCIe x1 adapter	
Ethernet	10/100 ethernet on planar, Realtek® RTL8102E	
Modem	None	
Security chip	None	
TV tuner	<i>Some:</i> Hybrid tuner, support analog (NTSC) and digital (ATSC) signal „PCIe x 1	Limited Warranty¹ ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ➤ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Remote control	<i>Some:</i> Philips® Win7 MCE remote control (40-button), IR receiver via USB	
Camera	None	
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black	
Power supply	280 watts, universal, manual switch	
Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee VirusScan® Plus (60 days of virus definitions) • Lenovo Power Dial • Lenovo Healthcare Software • Corel® WinDVD® (Blu-ray) • CyberLink Power2Go (DVD±RW, Blu-ray)		

See footnotes for important warranty information
 US models announced October 22, 2009
 US models withdrawn effective December 2010

Type-model	Slot x bay	Processor	GHz	Memory ⁸	DIMM capacity	Media reader	SATA disk	SATA optical	Integrated graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
0890-1BU	4x5	Athlon II X2 215	2.70	4GB	(2, 2)	16-in-1	320GB ²	DVD±RW	Radeon 3000	None	None	None	Prem 64	Mar 10
0890-1AU	4x5	Phenom II X4 810	2.60	6GB	(2, 2, 2)	16-in-1	640GB	DVD±RW	Radeon 3000	None	None	None	Prem 64	Mar 10

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	AMD® Athlon™ II X2 Processor 215 with dual-core , 4000MHz HyperTransport™ Bus, AMD Virtualization™ (AMD-V™) technology, AMD64 technology, integrated DDR3 memory controller, and 1MB L2 cache (512KB per core) AMD Phenom™ II X4 Processor 810 with quad-core , 4000MHz HyperTransport Bus, AMD Virtualization (AMD-V) technology, AMD64 technology, integrated DDR3 memory controller, 2MB L2 cache (512KB per core), and 4MB shared L3 cache Processor in Socket AM3	Tower • Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 Slot 4: half-length, full-height, 32-bit PCI Ver 2.3
Implementation		
Memory	4GB or 6GB std , 8GB max ⁸ , dual-channel capable, PC3-8500 1066MHz DDR3 , non-parity, four 240-pin DIMM sockets	
Graphics	ATI™ Radeon™ 3000 , integrated graphics in 760G, uses main memory, DirectX® 10, ATI Avivo™, SurroundView™, one analog VGA DB-15 connector	
SATA disk	320GB or 640GB SATA 3Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in SB710, RAID 0 support	
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA Blu-ray™	None	
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors	
EIDE controller	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	AMD 760G Chipset with HyperTransport 3.0 and PCI Express® 2.0 support; SB710 south bridge	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Six USB 2.0, one serial (9-pin), keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15)	
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)	
Audio	High Definition (HD) audio, ALC662 codec	
External speakers	None	
Internal speaker	None	
Wireless	None	
Ethernet	10/100 ethernet on planar, Marvell® 88E8040	
Modem	None	
Security chip	None	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black	
Power supply	280 watts, universal, manual switch	
Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Power Dial • Lenovo Healthcare Software • Windows Live™ Essential • Microsoft® Office 2007 Trial (60-day) • Roxio® BackOnTrack™ • CyberLink Power2Go (DVD±RW)		
		Limited Warranty ¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ⇒ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) • 1-year Post warranty, Onsite Repair 9x5 Next Business Day (78Y1557) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

See footnotes for important warranty information
 US models announced March 24, 2010
 US models withdrawn effective December 2010

Type-model	Slot x bay	Pro-processor	GHz	Max turbo (GHz)	Cache	Cores	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
3019-1AU	4x5	i3-530	2.93	3.20	4MB	2	2GBx3	640GB ²	DVD±RW	Intel HD	TV	Remote	11b/g ¹¹	Prem 64	Jan 10
3019-1BU	4x5	i5-750	2.66	3.46	8MB	4	2GBx3	640GB	DVD±RW	GeForce 310	TV	Remote	11b/g	Prem 64	Jan 10
3019-1CU	4x5	i7-860	2.80	3.46	8MB	4	2GBx4	1TB	Blu-ray	HD4650	TV	Remote	11b/g	Prem 64	Jan 10
3019-1LU	4x5	i7-860	2.80	3.46	8MB	4	2GBx4	1TB	DVD±RW	GeForce GT 320			11b/g/n ²⁸	Prem 64	Sep 10
3019-2GU	4x5	i3-550	3.20		4MB	2	2GBx3	1TB	DVD±RW	Intel HD				Prem 64	Sep 10

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo) [except 3019-2GU]**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Core™ i3 Processor i3-530 or i3-550 with dual-core , Intel 64, Hyper-Threading Technology, integrated 1333MHz dual-channel DDR3 memory controller, 4MB cache or Intel Core i5 Processor i5-750 with quad-core , Intel 64, Turbo Boost Technology (up to 3.20 GHz at max turbo mode), integrated 1333MHz dual-channel DDR3 memory controller, 8MB cache or Intel Core i7 Processor i7-860 with quad-core , Intel 64, Hyper-Threading Technology, Turbo Boost Technology (up to 3.46 GHz at max turbo mode), integrated 1333MHz dual-channel DDR3 memory controller, 8MB cache Processor in LGA1156 socket		Tower • Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Implementation			Bay ① 5.25", 1.6" high, access, standard optical Bay ② 5.25", 1.6" high, access, open Bay ③ 3.0", 1" high, access, 16-in-1 media reader Bay ④ 3.5", 1" high, no access, standard disk Bay ⑤ 3.5", 1" high, no access, optional disk	
Memory	6GB or 8GB std. , 8GB max ⁸ , dual-channel capable, PC3-8500 1066MHz DDR3 , non-parity, four 240-pin DIMM sockets		Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 4: half-length, full-height, 32-bit PCI Ver 2.3 * Wireless adapter or TV tuner in slot in some models ** Graphics adapter in slot in some models	
Graphics	<i>Some:</i> Intel HD Graphics , integrated graphics in processor, uses main memory, DirectX [®] 10, one 15-pin analog VGA DB-15 connector, one HDMI connector, HDCP <i>Some:</i> NVIDIA® GeForce® 310 , PCI Express [®] x16, 512MB , DirectX 10.1, NVIDIA PureVideo [®] , NVIDIA CUDA [™] , one analog VGA DB-15 connector, one HDMI connector, HDCP <i>Some:</i> NVIDIA GeForce GT 320 , PCI Express x16, 1GB memory, DirectX 10.1, NVIDIA PureVideo, NVIDIA CUDA, one analog VGA DB-15 connector, one HDMI connector, HDCP <i>Some:</i> ATI™ Radeon™ HD 4650 , PCI Express x16, 1GB memory, DirectX 10.1, ATI Avivo [™] HD, one analog VGA DB-15 connector, one HDMI connector, one DisplayPort [™] connector, HDCP			
SATA disk	640GB or 1TB , SATA 3Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset, RAID 0 support			
SATA optical	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive <i>Some:</i> Blu-ray [™] Disc reader (no Blu-ray media burning), BD-ROM, DVD and CD recordable			
SATA cables	Two SATA cables (each 1-drop to device), five SATA connectors			
EIDE controller	None			
Diskette drive	None			
Media reader	16-in-1 media reader, internal USB 2.0			
Chipset	Intel H57 Express Chipset			
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)			
Rear ports	Six USB 2.0, keyboard (PS/2), ethernet (RJ-45), <i>HD4650 models:</i> VGA DB-15, HDMI, and DisplayPort <i>Others:</i> VGA DB-15 and HDMI			
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), S/PDIF-out			
Audio	High Definition (HD) audio, ALC888S codec			
External speakers	None			
Internal speaker	None			
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom BCM4312, PCIe x1 adapter <i>Some:</i> 11b/g/n wireless ⁴ , Atheros [®] chip, PCIe x1 adapter Gigabit ethernet on planar, Intel 82578DC			
Ethernet	None			
Modem	None			
Security chip	None			
TV tuner	<i>Some:</i> Hybrid tuner, support analog (NTSC) and digital (ATSC) signal, PCIe x 1			
Remote control	<i>Some:</i> Philips [®] Win7 MCE remote control (40-button), IR receiver via USB			
Camera	None			
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black			
Mouse	Optical Wheel Mouse (USB connector), 1000 dpi, black			
Power supply	280 watts, universal, manual switch			
Preloaded operating system ²⁰ - Genuine Windows[®] 7 Home Premium 64 Preloaded applications ⁵ (only some listed) • Lenovo[®] OneKey Recovery • Driver and Application Installation • McAfee[®] VirusScan[®] Plus (60 days of virus definitions) • Lenovo Power Dial* • Corel[®] WinDVD[®] (Blu-ray) • CyberLink Power2Go[*] (DVD±RW, Blu-ray) * 3019-2GU does not have those softwares				



3019-2GU does not have power control switch

Limited Warranty¹

- ⇒ 1-year parts and labor
- ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm)
- ⇒ Service upgrade options (in eligible locations):⁹
 - 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)
 - 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)
- ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686



3019-2GU does not have power control switch

Limited Warranty¹

- ⇒ 1-year parts and labor
- ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm)
- ⇒ Service upgrade options (in eligible locations):⁹
 - 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)
 - 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)
- ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

- *Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)*
- *Lenovo Rescue System provides OneKey recovery without booting into Windows*

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Cache	Cores	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Win 7 preload	Avail date
7727-1SU	4x4	i7-2600	3.40	3.80	8MB	4	4GBx3	1TB ²	DVD±RW	GeForce GT 420	None	None	None	Prem 64	Feb 11
7727-1TU	4x4	i7-2600	3.40	3.80	8MB	4	4GBx2	1TB	DVD±RW	GeForce GT 420	None	None	None	Prem 64	Feb 11
7727-2KU	4x4	i5-2300	2.80	3.10	6MB	4	4GBx2	1TB	DVD±RW	GeForce GT 420	None	None	None	Prem 64	Feb 11
7727-2LU	4x4	i5-2300	2.80	3.10	6MB	4	2GBx3	1TB	DVD±RW	GeForce GT 420	None	None	None	Prem 64	Feb 11
7727-4HU	4x4	i7-2600	3.40	3.80	8MB	4	4GBx3	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n	Prem 64	Jul 11

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i5-2300 Processor (4 cores / 4 threads, 2.80 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.10 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Intel Core i7-2600 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache) , Turbo Boost Technology 2.0 (up to 3.80 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Processor in LGA1155 socket	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Power Dial • CyberLink Power2Go (DVD±RW) • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Windows Live Essentials • Backtrack
Implementation		
Memory	16GB max ⁸ , dual-channel capable, PC3-10600 1333MHz DDR3 , non-parity, four 240-pin DIMM sockets	
Graphics	<i>Some:</i> NVIDIA® GeForce® GT 420 , PCI Express® x16, 1GB memory, Direct [®] 11, NVIDIA CUDA™ Technology, one VGA DB-15 connector, one HDMI connector, HDCP-compliant <i>Some:</i> AMD Radeon™ HD 6450 , PCI Express x16, 1GB memory, DirectX 11, one VGA DB-15 connector, one HDMI connector, HDCP-compliant	
SATA disk	1TB or 1.5TB , SATA 3.0Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0 support	
SATA optical	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive	
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA connector	
EIDE controller	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	Intel P67 Express Chipset	
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)	
Rear ports	Six USB 2.0, keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), one eSATA, monitor (VGA DB-15, HDMI)	
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Rear out L/R (3.5mm), Side surround out L/R (3.5mm)	
Audio	High Definition (HD) audio, ALC892 codec	
External speakers	None	
Internal speaker	None	
Wireless	<i>Some:</i> 11b/g/n wireless ⁴ , Realtek® RTL8818CE, PCIe x1 adapter	
Ethernet	Gigabit ethernet on planar, Intel 82579	
Modem	None	
Security chip	None	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	Full-size keyboard (PS/2 connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), black	
Power supply	280 watts, universal, manual switch	
Machine	• Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Bay	Bay ① 5.25", 1.6" high, access, standard optical	
Slot	Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 * * Wireless adapter or TV tuner in slot in some models ** Graphics adapter in slot in some models	



Limited Warranty ¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ⇨ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
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See footnotes for important warranty information
 US model(s) announced February 16 or July 6, 2011
 US model(s) withdrawn effective April 2013

Type-model	Slot x bay	Processor	GHz	Max turbo (GHz)	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	USB3.0	Keyboard/ Mouse	Win 7 preload	Avail date
7727-4GU	4x4	i7-2600	3.40	3.80	4GBx3	1TB ²	DVD±RW	GeForce GT 420	None	None			PS/2 / USB	Prem 64	Apr 11
7727-4FU	4x4	i7-2600	3.40	3.80	4GBx2	1TB	DVD±RW	GeForce GT 420	None	None			PS/2 / USB	Prem 64	Apr 11
7727-4EU	4x4	i5-2300	2.80	3.10	4GBx2	1TB	DVD±RW	GeForce GT 420	None	None			PS/2 / USB	Prem 64	Apr 11
7727-4DU	4x4	i5-2300	2.80	3.10	2GBx3	1TB	DVD±RW	GeForce GT 420	None	None			PS/2 / USB	Prem 64	Apr 11
7727-5CU	4x4	i7-2600	3.40	3.80	4GBx3	2TB	Blu-ray	Radeon HD 6450	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7727-5DU	4x4	i7-2600	3.40	3.80	4GBx3	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7727-5SU	4x4	i7-2600	3.40	3.80	4GBx3	2TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n	USB3.0	USB / USB	Prem 64	Feb 12

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i5-2300 Processor (4 cores / 4 threads, 2.80 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.10 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Intel Core i7-2600 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller														
Implementation	Processor in LGA1155 socket														
Memory	16GB max ⁸ , dual-channel capable, PC3-10600 1333MHz DDR3 , non-parity, four 240-pin DIMM sockets														
Graphics	<i>Some:</i> NVIDIA® GeForce® GT 420 , PCI Express® x16, 1GB memory, DirectX® 11, one VGA connector, one HDMI connector, HDCP-compliant <i>Some:</i> AMD Radeon™ HD 6450 , PCI Express x16, 1GB memory, DirectX 11, one VGA connector, one HDMI connector, HDCP-compliant														
SATA disk	1TB, 1.5TB, or 2TB SATA 3.0Gb/s, 7200 rpm														
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0 support														
SATA optical	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive														
SATA cables	<i>Some:</i> Blu-ray™ Disc reader (no Blu-ray media burning), BD-ROM, DVD / CD recordable														
EIDE controller	None														
Diskette drive	None														
Media reader	16-in-1 media reader, internal USB 2.0														
Chipset	Intel P67 Express Chipset														
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)														
Rear ports	Six USB 2.0, two USB 3.0 on some models, keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), one eSATA, monitor (VGA DB-15, HDMI)														
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Rear out L/R (3.5mm), Side surround out L/R (3.5mm)														
Audio	High Definition (HD) audio, ALC892 codec														
External speakers	None														
Internal speaker	None														
Wireless	<i>Some:</i> 11b/g/n wireless ⁴ , Realtek® RTL8818CE, PCIe x1 adapter														
Ethernet	Gigabit ethernet on planar, Intel 82579														
Modem	None														
Security chip	None														
TV tuner	None														
Remote control	None														
Camera	None														
Keyboard	<i>Some:</i> Full-size keyboard (PS/2 connector), Fn keys, black														
Mouse	<i>Some:</i> Full-size keyboard (USB connector), Fn keys, black														
Power supply	Optical Wheel Mouse (USB connector), black														
Machine	280 watts, universal, manual switch														

Preloaded operating system²⁰

- Genuine Windows® 7
- Home Premium 64

Preloaded applications⁵ (only some listed)

- Lenovo® OneKey Recovery
- Driver and Application Installation
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Lenovo Power Dial
- CyberLink Power2Go (DVD±RW, Blu-ray)
- Microsoft Office 2010 preloaded; purchase product key to activate
- Lenovo Dynamic Brightness System
- Lenovo Eye Distance System
- Windows Live Essentials
- Backtrack

**Limited Warranty¹**

- ⇒ **1-year parts and labor**
- ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm)**
- ⇒ **Service upgrade options (in eligible locations):⁹**
 - **2-year Lenovo Onsite Repair**
9x5 Next Business Day (78Y1552)
 - **3-year Lenovo Onsite Repair**
9x5 Next Business Day (78Y1553)
- ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**

See footnotes for important warranty information

US model(s) announced April 7 or November 23, 2011 or February 29, 2012

US model(s) withdrawn effective April 2013

Type-model	Slot x bay	Pro-cessor	GHz	Max turbo (GHz)	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	AC adapter	Keyboard/ Mouse	Win 7 preload	Avail date
7727-3FU	4x4	i7-2600	3.40	3.80	4GBx3	2TB ²	Blu-ray	NVIDIA GTX 460	None	None	None	450W	PS/2 / USB	Prem 64	Mar 11
7727-3GU	4x4	i5-2500	3.30	3.70	4GBx2	1TB	Blu-ray	NVIDIA GT 440	None	None	None	280W	PS/2 / USB	Prem 64	Mar 11
7727-3HU	4x4	i5-2300	2.80	3.10	2GBx3	1TB	DVD±RW	ATI HD 5750	None	None	None	450W	PS/2 / USB	Prem 64	Mar 11
7727-5FU	4x4	i5-2500	3.30	3.70	4GBx2	1TB	Blu-ray	NVIDIA GT 545	None	None	None	280W	USB / USB	Prem 64	Feb 12
7727-5GU	4x4	i7-2600	3.40	3.80	4GBx2	2TB	DVD±RW	NVIDIA GT 545	None	None	None	280W	USB / USB	Prem 64	Feb 12
7727-5RU	4x4	i7-2600	3.40	3.80	4GBx3	2TB	Blu-ray	NVIDIA GT 545	None	None	None	280W	USB / USB	Prem 64	Feb 12

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i5-2300 Processor (4 cores / 4 threads, 2.80 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.10 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Intel Core i5-2500 Processor (4 cores / 4 threads, 3.30 GHz, 6M Cache) Turbo Boost Technology 2.0 (up to 3.70 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Intel Core i7-2600 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), integrated Intel HD Graphics 2000, integrated 1333MHz dual-channel DDR3 memory controller Processor in LGA1155 socket		Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Power Dial • CyberLink Power2Go (DVD±RW, Blu-ray) • Corel® WinDVD® (Blu-ray) • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Windows Live Essentials • Backontrack	
Implementation	Processor in LGA1155 socket			
Memory	16GB max ⁸ , dual-channel capable, PC3-10600 1333MHz DDR3 , non-parity, four 240-pin DIMM sockets			
Graphics	<i>Some:</i> NVIDIA® GeForce® GTX 460 , PCI Express® x16, 1GB memory, DirectX® 11, occupy two slots, two DVI-I, one mini HDMI, HDCP-compliant <i>Some:</i> NVIDIA GeForce GT 440 , PCI Express x16, 1.5GB memory, DirectX 11, one VGA connector, one DVI-I connector, one HDMI connector, HDCP-compliant <i>Some:</i> NVIDIA GeForce GT 545 , PCI Express x16, 1.5GB memory, DirectX 11, one VGA connector, one DVI-I connector, one HDMI connector, HDCP-compliant <i>Some:</i> ATI™ Radeon™ HD 5750 , PCI Express x16, 1GB memory, DirectX 11, occupy two slots, one VGA, one HDMI, HDCP-compliant			
SATA disk	1TB or 2TB , SATA 3.0Gb/s, 7200 rpm			
SATA controller	Serial ATA, SATA 3.0Gb/s and SATA 6.0Gb/s, integrated in chipset, RAID 0 support			
SATA optical	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive <i>Some:</i> Blu-ray™ Disc reader (no Blu-ray media burning), BD-ROM, DVD / CD recordable			
SATA cables	Two SATA cables (each 1-drop to device), two SATA 3.0Gb/s connectors, two SATA 6.0Gb/s connectors, and one eSATA connector			
Diskette drive	None			
Media reader	16-in-1 media reader, internal USB 2.0			
Chipset	Intel P67 Express Chipset			
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)			
Rear ports	Six USB 2.0, keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), one eSATA			
Rear audio ports	Line-in (3.5mm), line-out [Front out L/R] (3.5mm), microphone-in (3.5mm), Cen/LFE (3.5mm), Rear out L/R (3.5mm), Side surround out L/R (3.5mm)			
Audio	High Definition (HD) audio, ALC892 codec			
Speaker	None			
Wireless	None			
Ethernet	Gigabit ethernet on planar, Intel 82579			
Modem	None			
Security chip	None			
TV tuner	None			
Remote control	None			
Camera	None			
Keyboard	<i>Some:</i> Full-size keyboard (PS/2 connector), Fn keys, black <i>Some:</i> Full-size keyboard (USB connector), Fn keys, black			
Mouse	Optical Wheel Mouse (USB connector), black			
Power supply	<i>Some:</i> 280 watts, universal, manual switch <i>Some:</i> 450 watts, universal, auto-sensing			
Machine	• Black bezel • 7.09" W X 17.32" D X 15.35" H; 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention		Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ⇒ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686	
Bay	Bay ① 5.25", 1.6" high, access, standard optical			
Slot	Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Slot 1: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length, full-height, PCI Express x16 Ver 2.0 ** Slot 3: half-length, full-height, PCI Express x1 Ver 2.0 * Slot 4: half-length, full-height, PCI Express x1 Ver 2.0 * * Wireless adapter or TV tuner in slot in some models ** Graphics adapter in slot in some models, some graphics adapters occupy two slots			

See footnotes for important warranty information
 US model(s) announced March 9, 2011 or February 29, 2012
 US model(s) withdrawn effective April 2013

Type-model	Slot x bay	Processor	GHz	Max turbo (GHz)	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	USB3.0	Keyboard / Mouse	Win 7 preload	Avail date
7747-1EU	4x4	i3-2100	3.10		2+4GB	1TB ²	DVD±RW	Intel HD 2000	None	None			PS/2 / USB	Prem 64	Aug 11
7747-1KU	4x4	i5-2310	2.90	3.20	2+4GB	1TB	DVD±RW	Intel HD 2000	None	None			PS/2 / USB	Prem 64	Aug 11
7747-1QU	4x4	i5-2310	2.90	3.20	4GBx2	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n		PS/2 / USB	Prem 64	Aug 11
7747-1GU	4x4	i7-2600	3.40	3.80	4GBx2	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n		PS/2 / USB	Prem 64	Aug 11
7747-2AU	4x4	i3-2120	3.30		2+4GB	1TB	DVD±RW	Intel HD 2000	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7747-2BU	4x4	i5-2320	3.00	3.30	4GBx2	1TB	DVD±RW	Intel HD 2000	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7747-2CU	4x4	i5-2320	3.00	3.30	4GBx2	1.5TB	DVD±RW	Radeon HD 6450	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7747-2DU	4x4	i5-2320	3.00	3.30	4GBx2	2TB	Blu-ray	Radeon HD 6450	None	None	11b/g/n	USB3.0	PS/2 / USB	Prem 64	Nov 11
7747-2JU	4x4	i3-2120	3.30		2+4GB	1TB	DVD±RW	Intel HD 2000	None	None	11b/g/n		USB / USB	Prem 64	Mar 12
7747-2FU	4x4	i5-2320	3.00	3.30	4GBx2	1.5TB	DVD±RW	Intel HD 2000	None	None	11b/g/n		USB / USB	Prem 64	Mar 12

- **Power control switch on front to adjust power and energy for three modes (cool, auto, and turbo)**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i3-2100 Processor (2 cores / 4 threads, 3.10 GHz, 3M Cache), DDR3 memory controller (up to 1333MHz) Intel Core i3-2120 Processor (2 cores / 4 threads, 3.30 GHz, 3M Cache), DDR3 memory controller (up to 1333MHz) Intel Core i5-2310 Processor (4 cores / 4 threads, 2.90 GHz, 6M Cache), Turbo Boost Technology 2.0 (up to 3.20 GHz), DDR3 memory controller (up to 1333MHz) Intel Core i5-2320 Processor (4 cores / 4 threads, 3.00 GHz, 6M Cache), Turbo Boost Technology 2.0 (up to 3.30 GHz), DDR3 memory controller (up to 1333MHz) Intel Core i7-2600 Processor (4 cores / 8 threads, 3.40 GHz, 8M Cache), Turbo Boost Technology 2.0 (up to 3.80 GHz), DDR3 memory controller (up to 1333MHz)	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications⁵ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Power Dial • CyberLink Power2Go (DVD±RW, Blu-ray) • Microsoft Office 2010 preloaded; purchase product key to activate • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Windows Live Essentials • Backtrack
Implementation	Processor in LGA1155 socket	
Memory	8GB max ⁸ , dual-channel capable, PC3-10600 1333MHz DDR3 , non-parity, two 240-pin DIMM sockets	
Graphics	<i>Some:</i> Intel HD Graphics 2000 , integrated in processor, uses main memory, DirectX® 10.1, one VGA connector, one HDMI connector, HDCP-compliant <i>Some:</i> AMD Radeon™ HD 6450 , PCI Express x16, 1GB memory, DirectX 11, one VGA connector, one HDMI connector, HDCP-compliant	
SATA disk	1TB, 1.5TB, or 2TB , SATA 3.0Gb/s, 7200 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in chipset	
SATA optical	<i>Some:</i> Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive <i>Some:</i> Blu-ray™ Disc reader (no Blu-ray media burning), BD-ROM, DVD / CD recordable	
SATA cables	Two SATA cables (each 1-drop to device), four SATA 3.0Gb/s connectors	
EIDE controller	None	
Diskette drive	None	
Media reader	16-in-1 media reader, internal USB 2.0	
Chipset	Intel H61 Express Chipset	
Front ports	Two USB 2.0, microphone (3.5mm), headphone (3.5mm)	
Rear ports	Four USB 2.0, two USB 3.0 on some models, keyboard (PS/2), mouse (PS/2), ethernet (RJ-45), monitor (VGA DB-15, HDMI)	
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), High Definition (HD) audio, ALC662 codec	
Audio	None	
External speakers	None	
Internal speaker	None	
Wireless	<i>Some:</i> 11b/g/n wireless ⁴ , Realtek® RTL8818CE, PCIe x1 adapter	
Ethernet	Gigabit ethernet on planar, Intel 82579V	
Modem	None	
Security chip	None	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	<i>Some:</i> Full-size keyboard (PS/2 connector), Fn keys, black <i>Some:</i> Full-size keyboard (USB connector), Fn keys, black	
Mouse	Optical Wheel Mouse (USB connector), black	
Power supply	280 watts, universal, manual switch	
Machine	• Black bezel • 7.09" W X 17.32" D X 15.35" H • 180mm W X 440mm D X 390mm H • 24.6 lb (11.2 kg) • Toolless cover removal • Toolless disk, optical drive removal • Toolless adapter retention	
Bay	Bay ① 5.25", 1.6" high, access, standard optical	
Slot	Bay ② 5.25", 1.6" high, access, open Bay ③ 3.5", 1" high, no access, standard disk Bay ④ 3.5", 1" high, no access, optional disk Slot 1: half-length,full-height, PCI Express x16 Ver 2.0 ** Slot 2: half-length,full-height, PCI Express x1 Ver 2.0 * Slot 3: half-length,full-height, PCI Express x1 Ver 2.0 * Slot 4: half-length,full-height, PCI Express x1 Ver 2.0 *	
	* Wireless adapter or TV tuner in slot in some models ** Graphics adapter in slot in some models	



Limited Warranty¹

⇨ **1-year parts and labor**

⇨ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm)**

⇨ **Service upgrade options (in eligible locations):**⁹

- **2-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1552)
- **3-year Lenovo Onsite Repair 9x5 Next Business Day** (78Y1553)

⇨ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**

See footnotes for important warranty information

US model(s) announced August 10 or November 23, 2011 or March 21, 2012

US model(s) withdrawn effective April 2013

ideacentre



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300



Lenovo IdeaCentre A300
Wireless keyboard and mouse

Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	Bluetooth	KBD/ Mouse	Win7 preload	Avail date
4018-1DU	T4400	2.20	3GB	21.5" WUXGA	0.3M	GMA 4500MHD	320GB ⁸	None	11b/g/n ²⁸		None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-1EU	T6600	2.20	4GB	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Pentium® Processor T4400 with dual-core , 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6600 with dual-core , 800MHz system bus, and 2MB L2 cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® OneKey Recovery • Media Show • Lenovo CamSuite • McAfee® VirusScan® Plus (60 days of virus definitions) • Windows Live™ Essential • Microsoft® Office 2007 Trial (60-day)
Memory	3GB or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
External DVD±RW	None	
SATA disk	320GB or 500GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
Widescreen display	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone	
Controls	Touch-sensitive buttons for brightness control, Novo Vision (internet / video / text), mode switch (panel off / PC / HDMI IN)	
Graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10	
Chipset	Mobile Intel GM45 Express Chipset , ICH9M I/O Controller Hub	
Multicard reader	8-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD, xD-Picture Card™)	
Ports	<i>Rear:</i> Two USB 2.0, ethernet (RJ-45), TV antenna connector on some models; IEEE 1394 FireWire 400 (4-pin connector), HDMI in/out <i>Side:</i> Two USB 2.0	
PCIe Mini Card	Two PCIe Mini Card slots	120-watt AC adapter RoHS-compliant Limited Warranty ¹ ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ➤ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, Broadcom® chip or Atheros chip	
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, PCIe Mini Card	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL	
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)	
Security	Power-on password, supervisor password, security lockhole	
Keyboard	Wireless keyboard via Bluetooth®, 6-row, multimedia Fn keys, white	
Mouse	Wireless laser mouse via Bluetooth, 1200 dpi, white	
Remote control	None	
Dimensions ³	<i>With base (WxHxD):</i> 20.63" x 15.59" x 8.27"; 524mm x 396mm x 210mm <i>Screen depth:</i> 0.73"; 18.5mm	
Weight ²	22.9 lb (10.4 kg)	
Chassis	White color, ABS plastic	
View adjustments	<i>Tilt:</i> 18° back, 3° forward; <i>swivel:</i> +/-10°	

See footnotes for important warranty information
 US model(s) announced March 11, 2010
 US model(s) withdrawn effective April 2013

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Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	Bluetooth	KBD/ Mouse	Win7 preload	Avail date
4018-1MU	T4400	2.20	2GB	21.5" WUXGA	0.3M	GMA 4500MHD	320GB ⁸	None	11b/g/n ²⁸	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-1NU	T4400	2.20	4GB	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-1OU	T6600	2.20	4GB	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Mar 10
4018-4BU	T6570	2.10	4GB	21.5" WUXGA	0.3M	GMA 4500MHD	500GB	None	11b/g/n	TV	None	Bluetooth	BT/BT	Prem 64	Feb 11

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Pentium® Processor T4400 with dual-core , 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6570 or T6600 with dual-core , 800MHz system bus, and 2MB L2 cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® OneKey Recovery • Media Show • Lenovo CamSuite • McAfee® VirusScan® Plus (60 days of virus definitions) • Windows Live™ Essential • Microsoft® Office 2007 Trial (60-day)
Memory	2GB or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available <i>Italics:</i> standard memory in both sockets; no sockets available	
External DVD±RW	None	
SATA disk	320GB or 500GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
Widescreen display	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone	120-watt AC adapter RoHS-compliant
Controls	Touch-sensitive buttons for brightness control, Novo Vision (internet / video / text), mode switch (panel off / PC / HDMI IN)	
Graphics	Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10	
Chipset	Mobile Intel GM45 Express Chipset , ICH9M I/O Controller Hub	
Multicard reader	8-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD, xD-Picture Card™)	
Ports	<i>Rear:</i> Two USB 2.0, ethernet (RJ-45), TV antenna connector on some models; IEEE 1394 FireWire 400 (4-pin connector), HDMI in/out <i>Side:</i> Two USB 2.0	
PCIe Mini Card	Two PCIe Mini Card slots	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, Broadcom® chip or Atheros chip	
TV tuner	AverMedia® Hybrid tuner, support analog and digital signal, PCIe Mini Card	
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator	
Modem	None	Limited Warranty ¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ⇨ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL	
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)	
Security	Power-on password, supervisor password, security lockhole	
Keyboard	Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white	
Mouse	Wireless laser mouse via Bluetooth, 1200 dpi, white	
Remote control	None	
Dimensions ³	<i>With base (WxHxD):</i> 20.63" x 15.59" x 8.27"; 524mm x 396mm x 210mm <i>Screen depth:</i> 0.73"; 18.5mm	
Weight ²	22.9 lb (10.4 kg)	
Chassis	White color, ABS plastic	
View adjustments	<i>Tilt:</i> 18° back, 3° forward; <i>swivel:</i> +/-10°	

See footnotes for important warranty information

US model(s) announced February 5, 2010 or February 16, 2011

US model(s) withdrawn effective April 2013

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Type-model	Proc- essor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera (mega- pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	KBD/ Mouse	Win7 preload	Avail date
4073-2DU	P6100	2.00	None	2GBx2	21.5" FHD	LED	0.3M	Intel HD	320GB ⁸	DVD±RW	11b/g/n ²⁸			BT/BT	Prem 64	Aug 10
4073-2EU	i3-370M	2.40	None	2GBx2	21.5" FHD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Prem 64	Aug 10

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Pentium® processor P6100 with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), and 3MB cache or Intel® Core™ i3 processor i3-370M with dual-core, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink YouCam • Windows Live™ Essential • Microsoft Office 2010 preloaded; purchase product key to activate • CyberLink Power2Go (DVD±RW)					
Memory	4GB std / 8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets															
External DVD±RW SATA disk	USB 2.0 external DVD burner, tray-in 320GB or 500GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm															
Widescreen display	21.5" (546.1mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen															
Camera Controls	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone Touch-sensitive buttons for Menu/OK button and Direction buttons															
Graphics	Intel HD Graphics in processor, external digital monitor support via HDMI out connector, HDCP-compliant															
Chipset	Mobile Intel HM55 Express Chipset															
Multicard reader	7-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD)															
Ports	<i>Rear:</i> Two USB 2.0, ethernet (RJ-45), TV tuner connector on some models; HDMI in, HDMI out <i>Side:</i> Two USB 2.0															
PCIe Mini Card 11b/g/n ²⁸	Two PCIe Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Broadcom® BCM43225 <i>Some:</i> Hybrid tuner, support analog and digital signal, PCIe Mini Card										120-watt AC adapter RoHS-compliant					
TV tuner	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator															
Bluetooth®	None															
Modem	Gigabit ethernet on planar, Realtek® RTL8111DL															
Ethernet	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)															
Audio support	Power-on password, supervisor password, security lockhole															
Security	Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white															
Keyboard	Wireless laser mouse via Bluetooth, white															
Mouse	<i>Some:</i> MCE remote control, via IR															
Remote control																
Dimensions ³	<i>With base (WxHxD):</i> 20.63" x 15.59" x 8.15"; 524mm x 396mm x 207mm <i>Screen depth:</i> 0.73"; 18.5mm															
Weight ²	15.9 lb (7.2 kg), weight may vary by configuration															
Chassis	White color, ABS plastic															
View adjustments	<i>Tilt:</i> 18° back, 3° forward; <i>swivel:</i> +/-10°															

See footnotes for important warranty information
US model(s) announced August 25, 2010
US model(s) withdrawn effective April 2013

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Limited Warranty¹

- ⇒ **1-year parts and labor**
- ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm)**
- ⇒ **Service upgrade options (in eligible locations):⁹**
 - **2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552)**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)**
- ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**

Type-model	Proc- essor	GHz	Max turbo (GHz)	Memory	Widescreen display	CCFL or LED	Camera (mega- pixel)	Graphics	SATA disk	External optical	PCIe Mini Card 802.11	TV tuner	Remote control	KBD/ Mouse	Win7 preload	Avail date
4073-1GU	i3-350M	2.26		2GBx2	21.5" FHD	LED	0.3M	Intel HD	320GB ⁸	DVD±RW	11b/g/n ²⁸	TV	Remote	BT/BT	Prem 64	Aug 10
4073-1HU	i5-450M	2.40	2.66	2GBx2	21.5" FHD	LED	0.3M	Intel HD	500GB	DVD±RW	11b/g/n	TV	Remote	BT/BT	Prem 64	Aug 10
4073-2FU	i3-370M	2.40		2GBx2	21.5" FHD	LED	0.3M	Intel HD	500GB		11b/g/n			BT/BT	Prem 64	Mar 11
4073-4NU	i5-450M	2.40	2.66	4+2GB	21.5" FHD	LED	0.3M	Intel HD	750GB		11b/g/n	TV	Remote	BT/BT	Prem 64	May 11

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i3 processor i3-350M or i3-370M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-450M with dual-core , DMI, integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® OneKey Recovery • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink YouCam • Windows Live Essentials • Microsoft Office 2010 preloaded; purchase product key to activate • CyberLink Power2Go (DVD±RW)
Memory	8GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets	
External DVD±RW SATA disk	<i>Some:</i> USB 2.0 external DVD burner, tray-in 320GB, 500GB, or 750GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
Widescreen display	21.5" (546.1mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen	
Camera Controls	Camera on top of screen, 0.3-megapixel, fixed focus, with mono microphone Touch-sensitive buttons for Menu/OK button and Direction buttons	
Graphics	Intel HD Graphics in processor, external digital monitor support via HDMI out connector, HDCP-compliant	
Chipset	Mobile Intel HM55 Express Chipset	
Multicard reader	7-in-1 reader (MultiMedia Card, RS-MMC, Memory Stick, Memory Stick PRO™, Memory Stick Duo, Secure Digital Card, miniSD)	
Ports	<i>Rear:</i> Two USB 2.0, ethernet (RJ-45), TV tuner connector on some models; HDMI in, HDMI out <i>Side:</i> Two USB 2.0	
PCIe Mini Card 11b/g/n ²⁸	Two PCIe Mini Card slots 11b/g/n wireless ⁴ , PCIe Half Mini Card, Broadcom® BCM43225	120-watt AC adapter RoHS-compliant
TV tuner	<i>Some:</i> Hybrid tuner, support analog and digital signal, PCIe Mini Card	Limited Warranty ¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm) ⇒ Service upgrade options (in eligible locations): ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686
Bluetooth®	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator	
Modem	None	
Ethernet	Gigabit ethernet on planar, Realtek® RTL8111DL	
Audio support	High Definition (HD) Audio, Realtek ALC272 codec / stereo speakers (2 watt x 2) / mono microphone, microphone input jack (3.5 mm), headphone jack / S/PDIF-out (3.5 mm)	
Security	Power-on password, supervisor password, security lockhole	
Keyboard	Wireless keyboard via Bluetooth, 6-row, multimedia Fn keys, white	
Mouse	Wireless laser mouse via Bluetooth, white	
Remote control	<i>Some:</i> MCE remote control, via IR	
Dimensions ³	<i>With base (WxHxD):</i> 20.63" x 15.59" x 8.15"; 524mm x 396mm x 207mm <i>Screen depth:</i> 0.73"; 18.5mm	
Weight ²	15.9 lb (7.2 kg), weight may vary by configuration	
Chassis	White color, ABS plastic	
View adjustments	<i>Tilt:</i> 18° back, 3° forward; <i>swivel:</i> +/-10°	

See footnotes for important warranty information

US model(s) announced August 25, 2010 or March 9 or May 18, 2011

US model(s) withdrawn effective April 2013

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(SMU2-2) April 2013



Lenovo IdeaCentre A600
(Remote control and wireless
keyboard/mouse on select models)



Lenovo IdeaCentre A600
(Remote control and wireless
keyboard/mouse on select models)



Lenovo IdeaCentre A600



Lenovo IdeaCentre A600



Lenovo IdeaCentre A600



Lenovo IdeaCentre A600

Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Micro- phone	Blue- tooth	KBD/ Mouse	Vista preload	Avail date
3011-2AU	T4200	2.00	2GB	21.5" WUXGA	1.3	GMA	320GB ⁸	DVD±RW	11b/g ²⁸							
3011-2BU	T4200	2.00	3GB	21.5" WUXGA	1.3	GMA	500GB	DVD±RW	Intel 5100							
3011-2CU	T4200	2.00	4GB	21.5" WUXGA	1.3	GMA	640GB	DVD±RW	Intel 5100							
3011-3AU	T6400	2.00	3GB	21.5" WUXGA	1.3	GMA	640GB	DVD±RW	* Intel 5100							
3011-3CU	T6400	2.00	4GB	21.5" WUXGA	2.0	HD 3650	1TB	DVD±RW	* Intel 5100	TV	Remote	Array	Blue	Wireless	Prem 64	Apr 09
3011-4AU	P7450	2.13	4GB	21.5" WUXGA	2.0	HD 3650	1TB	BD player	±Intel 5100			Array	Blue	USB	Prem 64	Apr 09
3011-4BU	P7450	2.13	4GB	21.5" WUXGA	2.0	HD 3650	1TB	BD player	±Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Apr 09
3011-3DU	T6400	2.00	3GB	21.5" WUXGA	1.3	GMA	500GB	DVD±RW	* Intel 5100			Mono		Wireless	Prem 32	Apr 09
3011-3HU	T6400	2.00	4GB	21.5" WUXGA	2.0	HD 3650	640GB	DVD±RW	* Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Apr 09
• All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display • (Selected models) Integrated TV tuner • (Selected models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Vista Media Center remote and air mouse • Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face • Dolby® Home Theater™ premium audio system with two speakers and one subwoofer • Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows																
Processor	Intel® Pentium® processor T4200 with dual-core, 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6400 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7450 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache											Preloaded operating system²⁰ - Some: Genuine Windows® Vista® Home Premium 32 - Some: Genuine Windows Vista Home Premium 64 ✧ Vista Premium logo				
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available <i>Non-italics:</i> standard memory in one socket; one socket available											Preloaded applications¹⁴ • Lenovo® OneKey Recovery • Driver and Application Installation • Lenovo Recovery Disk Maker • Lenovo Healthcare Software • VeriFace™ • Media Show • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Microsoft® Office 2007 Trial (60-day) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)				
SATA DVD±RW	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in															
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in															
SATA disk	320GB, 500GB, 640GB, or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm															
Widescreen display	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen															
Camera	<i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone <i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone															
Controls	Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject															
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10 <i>Some:</i> ATI™ Mobility Radeon™ HD 3650 , PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD															
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)															
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)															
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; <i>Left:</i> Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)															
Mini PCI Express	Two Mini PCI Express slots											Available at these retailers • lenovo.com • Fry's				
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)															
11b/g ²⁸	<i>Some:</i> 11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312											Some: 130-watt (GMA graphics) AC adapter Some: 150-watt (ATI graphics) AC adapter RoHS-compliant				
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter															
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator															
Modem	None											Limited Warranty¹² ✧ 1-year parts and labor ✧ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ✧ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ✧ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686				
Ethernet	Gigabit ethernet on planar, Broadcom BCM5784															
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)															
Security	Power-on password, hard disk password, supervisor password															
Keyboard	<i>Some:</i> Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys <i>Some:</i> USB full-size keyboard with USB hub (two USB ports)															
Mouse	<i>Some:</i> Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) <i>Some:</i> USB Optical Wheel Mouse															
Remote control	<i>Some:</i> Vista MCE remote control (40-button), via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games* support), VOIP headset, Vista MCE remote control, and air mouse * Motion games CD included in 4-in-1 remote control models (requires installation)															
Dimensions ³	(WxHxD): 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm															
Weight ²	27.7 lb (12.6 kg)															
Chassis	Black color, ABS plastic															
Stand	Tilt stand (15° back, 5° forward)															

See footnotes for important warranty information
US models announced April 22 or April 07, 2009
US models withdrawn effective January 18, 2012

* Intel Centrino® processor technology
✧ Intel Centrino 2 processor technology

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(BL1-1) January 2012

Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Micro- phone	Blue- tooth	KBD/ Mouse	Vista preload	Avail date
3011-3LU	T6500	2.10	4GB	21.5" WUXGA	1.3	GMA	640GB ⁸	DVD±RW	* Intel 5100 ²⁸					USB	Prem 64	Sep 09
3011-3RU	T6500	2.10	4GB	21.5" WUXGA	2.0	HD 4650	500GB	DVD±RW	* Intel 5100	TV	Remote	Array	Blue	USB	Prem 64	Sep 09
3011-3UU	T6500	2.10	4GB	21.5" WUXGA	2.0	HD 4650	640GB	DVD±RW	* Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Sep 09
3011-4EU	P7350	2.00	4GB	21.5" WUXGA	2.0	HD 4650	1TB	BD player	† Intel 5100	TV	4-in-1	Array	Blue	Wireless	Prem 64	Sep 09

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **(Selected models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Vista Media Center remote and air mouse**
- **Integrated camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face**
- **Dolby® Home Theater™ premium audio system with two speakers and one subwoofer**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Core™ 2 Duo processor T6500 with dual-core , 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7350 with dual-core , Intel HD Boost, 1066MHz system bus, and 3MB L2 cache	Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 64 ✧ Vista Premium logo Preloaded applications ¹⁴ - Lenovo® OneKey Recovery - Driver and Application Installation - Lenovo Recovery Disk Maker - Lenovo Healthcare Software - VeriFace™ - Media Show - Trend Micro™ PC-cillin™ Internet Security 2008 - Windows Live™ Toolbar - Microsoft® Office 2007 Trial (60-day) - Cyberlink Power2Go (DVD±RW, BD player) - Corel® WinDVD® (BD player)
Memory	4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
SATA DVD±RW SATA Blu-ray™	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in <i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in	
SATA disk	500GB , 640GB , or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm	
Widescreen display Camera	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen <i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone <i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone	
Controls	Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject	
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10 <i>Some:</i> ATI™ Mobility Radeon™ HD 4650 , PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD	
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)	
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; <i>Left:</i> Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)	
Mini PCI Express Intel 5100 ²⁸ TV tuner Bluetooth™ Modem Ethernet Audio support	Two Mini PCI Express slots 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) <i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter <i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator None Gigabit ethernet on planar, Broadcom BCM5784 High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)	Available at these retailers lenovo.com
Security	Power-on password, hard disk password, supervisor password	<i>Some:</i> 130-watt (GMA graphics) AC adapter <i>Some:</i> 150-watt (ATI graphics) AC adapter RoHS-compliant
Keyboard	<i>Some:</i> Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys <i>Some:</i> USB full-size keyboard with USB hub (two USB ports)	Limited Warranty ¹² ✧ 1-year parts and labor ✧ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ✧ Service upgrade options (in eligible locations):⁹ 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ✧ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Mouse	<i>Some:</i> Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) <i>Some:</i> USB Optical Wheel Mouse	
Remote control	<i>Some:</i> Vista MCE remote control (40-button), via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games* support), VOIP headset, Vista MCE remote control, and air mouse * Motion games CD included in 4-in-1 remote control models (requires installation)	
Dimensions ³ Weight ² Chassis Stand	(WxHxD): 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm 27.7 lb (12.6 kg) Black color, ABS plastic Tilt stand (15° back, 5° forward)	

See footnotes for important warranty information
US models announced September 10, 2009
US models withdrawn effective January 18, 2012

* Intel Centrino® processor technology
† Intel Centrino 2 processor technology

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(BL1-2) January 2012

Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Micro- phone	Blue- tooth	KBD/ Mouse	Win7 preload	Avail date
3011-6CU	T4300	2.10	2GB	21.5" WUXGA	1.3	GMA	320GB ⁸	DVD±RW	Intel 5100 ²⁸				Mono	USB	Prem 64	Oct 09
3011-6DU	T4300	2.10	4GB	21.5" WUXGA	2.0	HD 4650	320GB	DVD±RW	11b/g	TV			Array	Blue USB	Prem 64	Oct 09
3011-CGU	T6600	2.20	4GB	21.5" WUXGA	2.0	HD 4650	640GB	DVD±RW	★ Intel 5100	TV 4-in-1	Array	Blue	Wireless	Prem 64	Oct 09	
3011-CJU	T6600	2.20	3GB	21.5" WUXGA	2.0	HD 4650	500GB	DVD±RW	★ Intel 5100	TV Remote	Array	Blue	USB	Prem 64	Oct 09	
3011-CKU	T6600	2.20	4GB	21.5" WUXGA	2.0	HD 4650	500GB	DVD±RW	★ Intel 5100	TV Remote	Array	Blue	Wireless	Prem 64	Oct 09	
3011-4LU	P7550	2.26	4GB	21.5" WUXGA	2.0	HD 4650	1TB	BD player	✚ Intel 5100	TV 4-in-1	Array	Blue	Wireless	Prem 64	Oct 09	

- **All-In-One design with 21.5" Full HD 16:9 widescreen, glossy display**
- **(Seleted models) Integrated TV tuner**
- **(Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Vista Media Center remote and air mouse**
- **Dolby® Home Theater™ premium audio system with two speakers and one subwoofer**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Pentium® Processor T4300 with dual-core, 800MHz system bus, and 1MB L2 cache or Intel Core™ 2 Duo processor T6600 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core 2 Duo processor P7550 with dual-core, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache										Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® OneKey Recovery • Lenovo Healthcare Software • Media Show • McAfee VirusScan® Plus (60 days of virus definitions) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)					
Memory	2GB, 3GB, or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available <i>Italics:</i> standard memory in both sockets; no sockets available															
SATA DVD±RW	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm, slot-in															
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in															
SATA disk	320GB, 500GB, 640GB, or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm															
Widescreen display	21.5" (546.1mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, frameless screen															
Camera	<i>Some:</i> camera on top of screen, 1.3-megapixel, fixed focus, with mono microphone <i>Some:</i> camera on top of screen, 2.0-megapixel, fixed focus, with dual array microphone															
Controls	Touch-sensitive buttons for brightness, display on/off, and optical disk drive eject															
Graphics	<i>Some:</i> Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD) , integrated graphics in GM45, uses main memory, DirectX® 10 <i>Some:</i> ATI™ Mobility Radeon™ HD 4650 , PCI Express® x16, 512MB memory, DirectX® 10, ATI Avivo™ HD															
Chipset	Mobile Intel GM45 Express Chipset (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express 1.1, PCI 2.3, ethernet MAC)															
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)															
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV antenna connector on some models; <i>Left:</i> Two USB 2.0, IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)															
Mini PCI Express	Two Mini PCI Express slots															
Intel 5100 ²⁸	<i>Some:</i> 11a/b/g/n wireless ⁴ , Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)															
11b/g ¹¹	<i>Some:</i> 11b/g wireless ⁴ , Mini PCIe adapter, Broadcom® BCM4312															
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter															
Bluetooth™	<i>Some:</i> Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH9M, LED indicator															
Modem	None															
Ethernet	Gigabit ethernet on planar, Broadcom BCM5784															
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / two speakers (3 watt) and subwoofer (8 watt), Dolby Home Theater Speaker System / mono microphone or dual array microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)															
Security	Power-on password, hard disk password, supervisor password															
Keyboard	<i>Some:</i> Wireless RF 2.4 GHz keyboard with touch pad, 6-row, 84-key, touch-sensitive multimedia keys and shortcut keys <i>Some:</i> USB full-size keyboard with USB hub (two USB ports)															
Mouse	<i>Some:</i> Wireless RF 2.4 GHz Laser Wheel Mouse, 800/1600 dpi (user switchable) <i>Some:</i> USB Optical Wheel Mouse															
Remote control	<i>Some:</i> MCE remote control (40-button), via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires games support), VOIP headset, MCE remote control, and air mouse															
Dimensions ³	(WxHxD): 20.47" x 18.22" x 1.06" to 2.36"; 520mm x 463mm x 27 to 60mm															
Weight ²	27.7 lb (12.6 kg)															
Chassis	Black color, ABS plastic															
Stand	Tilt stand (15° back, 5° forward)															

See footnotes for important warranty information
US model(s) announced October 23, 2009
US model(s) withdrawn effective April 2013

★ Intel Centrino® processor technology
✚ Intel Centrino 2 processor technology

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- Some:* 130-watt (GMA graphics) AC adapter
Some: 150-watt (ATI graphics) AC adapter
RoHS-compliant
- Limited Warranty¹²**
- ⇒ **1-year parts and labor**
 - ⇒ **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
 - ⇒ **Service upgrade options (in eligible locations):⁹**
 - **3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553)**
 - ⇒ **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**



Lenovo IdeaCentre A700
with optional 3-in-1 mouse



Lenovo IdeaCentre A700



Lenovo IdeaCentre A700
with optional 3-in-1 mouse



Lenovo IdeaCentre A700



Lenovo IdeaCentre A700



Lenovo IdeaCentre A700

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Wall mount kit	Win7 preload	Avail date
4024-3AU	i3-350M	2.26		4GB	23" FHD	Multi	Intel HD	320GB	DVD±RW	11b/g/n ²⁸	Hybrid	Remote	120W	Mount kit	Prem 64	Jun 10
4024-1AU	i7-720QM	1.60	2.80	4GB	23" FHD	Multi	HD 5650	1TB	DVD±RW	11b/g/n	Hybrid	Remote	150W	Mount kit	Prem 64	Jun 10
4024-4AU	i3-370M	2.40		4GB	23" FHD	Multi	Intel HD	320GB	DVD±RW	11b/g/n	Hybrid	Remote	150W	Mount kit	Prem 64	Aug 10
4024-4BU	i5-460M	2.53	2.80	4GB	23" FHD	Multi	HD 5470	500GB	DVD±RW	11b/g/n	Hybrid	Remote	150W	Mount kit	Prem 64	Aug 10
4024-4CU	i7-740QM	1.73	2.93	4GB	23" FHD	Multi	HD 5650	1TB	DVD±RW	11b/g/n	Hybrid	Remote	150W	Mount kit	Prem 64	Aug 10
4024-5EU	i5-480M	2.66	2.93	4GB	23" FHD	Multi	HD 5650	1TB	DVD±RW	11b/g/n	ATSC	Remote	150W		Prem 64	Mar 11
4024-5FU	i3-380M	2.53		4GB	23" FHD	Multi	Intel HD	500GB	DVD±RW	11b/g/n	Hybrid	Remote	120W		Prem 64	Mar 11

- **All-In-One design with 23" Full HD 16:9 widescreen, multi-touch support**
- **Integrated TV tuner**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**
- **JBL stereo speakers**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i3 processor i3-350M, i3-370M, or i3-380M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-460M or i5-480M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache or Intel Core i7 processor i7-720QM or i7-740QM with quad-core , DMI, integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – AutoCollage Touch • Windows Live Essentials • Microsoft® Office 2007 Trial (60-day) • Microsoft Office 2010 preloaded; purchase product key to activate
Memory	4GB std / 8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	<i>Some:</i> 120-watt AC adapter <i>Some:</i> 150-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant Limited Warranty ¹² ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇒ Service upgrade options (in eligible locations) ⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
SATA DVD±RW SATA disk	DVD burner, dual-layer support, fixed, not removable, slot-in 320GB, 500GB, or 1TB , SATA 3.0Gb/s, 7200 rpm, 3.5" wide	
Widescreen display	23" (584.2mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight , 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone	
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, Novo Vision, mode switch (PC / HDMI IN / AV IN), and display on/off	
Graphics	<i>Some:</i> Intel HD Graphics in processor, uses main memory; <i>Some:</i> ATI™ Mobility Radeon™ HD 5470, 512MB memory, DirectX® 11; <i>Some:</i> ATI Mobility Radeon HD 5650, 1GB memory, DirectX 11	
Chipset	Mobile Intel HM55 Express Chipset	
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)	
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV tuner connector, S/PDIF out, HDMI in/out <i>Side:</i> Two USB 2.0, eSATA, microphone (3.5 mm), headphone (3.5 mm), IEEE 1394 FireWire 400 (4-pin connector)	
PCIe Mini Card	Two PCI Express Mini Card slots	
11b/g/n ²⁸	11b/g/n wireless ⁴ , Mini PCIe adapter, Broadcom® chip or Atheros® chip	
TV tuner	<i>Some:</i> Hybrid tuner (ATSC / DVB-T), support analog and digital signal, PCIe Mini Card <i>Some:</i> ATSC tuner, support analog and digital signal, PCIe Mini Card	
Bluetooth™	Bluetooth 2.1 wireless + EDR	
Modem	None	
Ethernet	Gigabit ethernet on planar, Intel 82577LC	
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / Dolby® Home Theater™ certified, JBL® stereo speakers (5 watt x 2)	
Security	Power-on password, administrator password	
Keyboard	Bluetooth full-size keyboard, 6-row, 104-key, black	
Mouse	Bluetooth Optical Wheel Mouse, black	
Remote control	MCE remote control, via IR	
Dimensions ³	(WxHxD): 22.4" x 16.9" x 2.8"; 568mm x 430mm x 71mm	
Weight ²	<i>Touch models:</i> 32.6 lb (14.8kg)	
Chassis	Black color; ABS plastic	
Stand	Adjustable stand (between 12° and 35°)	
Wall mount	<i>Some:</i> Wall mount kit, meets VESA 100mm mount standard	

See footnotes for important warranty information
 US model(s) announced June 3 or August 25, 2010 or March 9, 2011
 US model(s) withdrawn effective April 2013

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Limited Warranty¹²

- **1-year parts and labor**
- **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- **Service upgrade options (in eligible locations):⁹**
 - **2-year Lenovo Onsite Repair**
9x5 Next Business Day (78Y1552)
 - **3-year Lenovo Onsite Repair**
9x5 Next Business Day (78Y1553)
- **24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686**

Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Multi-Touch screen	Graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	TV tuner	Remote control	AC adapter	Keyboard/Mouse	Win7 preload	Avail date
4024-3BU	i3-350M	2.26	2.53	4GB	23" FHD	Multi	Intel HD	500GB ⁸	DVD±RW	11b/g/n ²⁸	Hybrid	IR remote	120W	BT/BT	Prem 64	Jun 10
4024-2BU	i5-430M	2.26	2.80	4GB	23" FHD	Multi	HD 5470	640GB	DVD±RW	11b/g/n	Hybrid	IR remote	150W	BT/BT	Prem 64	Jun 10
4024-1CU	i7-720QM	1.60	2.93	8GB	23" FHD	Multi	HD 5650	1TB	BD player	11b/g/n	Hybrid	4-in-1	150W	BT/BT	Prem 64	Jun 10
4024-4JU	i7-740QM	1.73	2.93	8GB	23" FHD	Multi	HD 5650	1TB	BD player	11b/g/n	Hybrid	4-in-1	150W	BT/BT	Prem 64	Oct 10
4024-6CU	i5-480M	2.66	2.93	8GB	23" FHD	Multi	HD 5650	1TB	DVD±RW	11b/g/n	ATSC	IR remote	150W	BT/BT	Prem 64	May 11
4024-6FU	i3-380M	2.53		4GB	23" FHD	Multi	Intel HD	1TB	DVD±RW	11b/g/n			120W	BT/BT	Prem 64	Jun 11

- **All-In-One design with 23" Full HD 16:9 widescreen, multi-touch support**
- **Integrated TV tuner**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**
- **(Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Media Center remote control, and air mouse**
- **JBL® stereo speakers**

Processor	Intel® Core™ i3 processor i3-350M or i3-380M with dual-core , DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache or Intel Core i5 processor i5-430M or i5-480M with dual-core , DMI, integrated DDR3 memory controller (up to 1066MHz), Intel Turbo Boost, Hyper-Threading technology, and 3MB cache or Intel Core i7 processor i7-720QM or i7-740QM with quad-core , DMI, integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Driver and Application Installation • CyberLink YouCam • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player) • Lenovo IdeaTouch (Touch models) – PowerCinema – Lenovo VeriTouch – AutoCollage Touch • Windows Live Essential • Microsoft® Office 2007 Trial (60-day)
Memory	8GB max ⁷ / PC3-10600 1333MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available	
SATA DVD±RW SATA Blu-ray™	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, slot-in <i>Some:</i> Blu-ray disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, slot-in	
SATA disk	500GB, 640GB, or 1TB , SATA 3.0Gb/s, 7200 rpm, 3.5" wide	
Widescreen display	23" (584.2mm) Full HD (WUXGA 1920x1080) TFT color, VibrantView (glossy), LED backlight , 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone	
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, Novo Vision, mode switch (PC / HDMI IN / AV IN), and display on/off	
Graphics	<i>Some:</i> Intel HD Graphics in processor, uses main memory; <i>Some:</i> ATI™ Mobility Radeon™ HD 5470, 512MB memory, DirectX® 11; <i>Some:</i> ATI Mobility Radeon HD 5650, 1GB memory, DirectX 11	
Chipset	Mobile Intel HM55 Express Chipset	
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, SDHC)	
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), TV tuner connector, S/PDIF out, HDMI in/out <i>Side:</i> Two USB 2.0, eSATA, microphone (3.5 mm), headphone (3.5 mm), IEEE 1394 FireWire 400 (4-pin connector)	
PCIe Mini Card	Two PCI Express Mini Card slots	<i>Some:</i> 120-watt AC adapter <i>Some:</i> 150-watt AC adapter ENERGY® STAR 5.0-compliant RoHS-compliant
11b/g/n ²⁸ TV tuner	11b/g/n wireless ⁴ , Mini PCIe adapter, Broadcom® chip or Atheros chip <i>Some:</i> Hybrid tuner (ATSC / DVB-T), support analog and digital signal, PCIe Mini Card <i>Some:</i> ATSC tuner, support analog and digital signal, PCIe Mini Card	
Bluetooth™	Bluetooth 2.1 wireless + EDR	
Modem	None	
Ethernet	Gigabit ethernet on planar, Intel 82577LC	
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / Dolby® Home Theater™ certified, JBL stereo speakers (5 watt x 2)	
Security	Power-on password, administrator password	
Keyboard	Bluetooth full-size keyboard, 6-row, 104-key, black	
Mouse	Bluetooth Optical Wheel Mouse, black	
Remote control	<i>Some:</i> MCE remote control, via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires game support), VOIP headset, MCE remote control, and air mouse	
Dimensions ³	<i>(WxHxD):</i> 22.4" x 16.9" x 2.8"; 568mm x 430mm x 71mm	Limited Warranty ¹² ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Weight ²	<i>Touch models:</i> 32.6 lb (14.8kg)	
Chassis	Black color; ABS plastic	
Stand	Adjustable stand (between 12° and 35°)	
Wall mount	Wall mount kit, meets VESA 100mm mount standard	

See footnotes for important warranty information

US model(s) announced April 07, 2009, October 22, 2010, or May 18 or June 22, 2011

US model(s) withdrawn effective April 2013

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Lenovo IdeaCentre B500
Bluetooth keyboard and mouse on some models



Lenovo IdeaCentre B500
AV IN and TV IN on some models



Lenovo IdeaCentre B500



Lenovo IdeaCentre B500



Lenovo IdeaCentre B500



Lenovo IdeaCentre B500

Type-model	Proc- essor	GHz	Memory	Widescreen display	Camera (mega- pixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Keyboard/ Mouse	Win7 preload	Avail date
0887-1FU	E5400	2.70	2G	23" WUXGA	0.3M	GT 240M 1G	320GB ⁸	DVD±RW	11b/g/n ²⁸	TV	IR remote	BT/BT	Prem 64	Dec 09
0887-2GU	E7500	2.93	4G	23" WUXGA	0.3M	GT 240M 1G	500GB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Dec 09
0887-2BU	E7500	2.93	4G	23" WUXGA	0.3M	GT 240M 1G	1TB	DVD±RW	11b/g/n	TV	4-in-1	BT/BT	Prem 64	Dec 09
0887-3AU	Q8400S	2.66	4G	23" WUXGA	0.3M	GTS 250M 1G	1TB	BD player	11b/g/n	TV	4-in-1	BT/BT	Prem 64	Dec 09

- **All-In-One design with 23" Full HD 16:9 widescreen, glossy display**
- **(Seleted models) Integrated TV tuner**
- **(Seleted models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Media Center remote and air mouse**
- **JBL® stereo speakers**

Processor	Intel® Pentium® Processor E5400 with dual-core , 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo Processor E7500 with dual-core , 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8400S with quad-core , 1333MHz system bus, and 4MB L2 cache Processor in LGA775 socket	Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Media Show • McAfee® VirusScan® Plus (60 days of virus definitions) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)
Implementation		
Memory	2GB or 4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Non-italics:</i> standard memory in one socket; one socket available <i>Italics:</i> standard memory in both sockets; no sockets available	
SATA DVD±RW SATA Blu-ray™	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm, tray-in <i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, tray-in	
SATA disk	320GB , 500GB , or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm	
Widescreen display	23.0" (584.2mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio	
Camera Controls	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off	
Graphics	<i>Some:</i> NVIDIA® GeForce® GT 240M , PCI Express® x16, 1GB memory; <i>Some:</i> NVIDIA GeForce GTS 250M , PCI Express x16, 1GB memory	
Chipset	Intel G41 Express Chipset ; I/O Controller Hub 7 (ICH7)	
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)	
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV IN and AV IN on some models; <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)	
Mini PCI Express 11b/g/n ²⁸	Two Mini PCI Express slots	Available at lenovo.com
TV tuner	11b/g/n wireless ⁴ , Mini PCIe adapter, Broadcom® BCM43225	RoHS-compliant
Bluetooth™	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter	Limited Warranty ¹² ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ➤ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1553) ➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Modem	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH7	
Ethernet	None	
Audio support	10/100 ethernet on planar, RealTek® RTL8103EL High Definition (HD) Audio, RealTek ALC662 codec / two JBL® stereo speakers (5 watt)	
Security	Power-on password, supervisor password	
Keyboard	Bluetooth full-size keyboard, 6-row, 104-key, black	
Mouse	Bluetooth Optical Wheel Mouse, black	
Remote control	<i>Some:</i> MCE remote control (40-button), via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires game support), VOIP headset, MCE remote control, and air mouse	
Power supply	200 watts, universal, auto-sensing	
Dimensions ³	(WxHxD): 22.05" x 17.20" x 3.44" to 5.22"; 560mm x 437mm x 87.5 to 132.5mm	
Weight ²	22.0 lb (10 kg)	
Chassis	<i>Front:</i> black color; <i>rear:</i> silver gray color; ABS plastics	
Stand	Adjustable stand (between 8° and 35°)	

See footnotes for important warranty information
 US models announced December 2, 2009
 US models withdrawn effective January, 2011

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Type-model	Processor	GHz	Memory	Widescreen display	Camera (megapixel)	Graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	TV tuner	Remote control	Keyboard/Mouse	Win7 preload	Availability date
0887-1BU	E5400	2.70	4G	23" WUXGA	0.3M	G210M 512M	500GB ⁸	DVD±RW	11b/g/n ²⁸			PS2/USB	Prem 64	Dec 09
0887-1CU	E5400	2.70	4G	23" WUXGA	0.3M	GT 240M 1G	500GB	DVD±RW	11b/g/n			BT/USB	Prem 64	Dec 09
0887-2CU	E7500	2.93	4G	23" WUXGA	0.3M	GT 240M 1G	640GB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Dec 09
0887-3BU	Q8400S	2.66	4G	23" WUXGA	0.3M	GTS 250M 1G	1TB	BD player	11b/g/n	TV	4-in-1	BT/BT	Prem 64	Dec 09

- **All-In-One design with 23" Full HD 16:9 widescreen, glossy display**
- **(Selected models) Integrated TV tuner**
- **(Selected models) 4-in-1 remote control acts as a motion game controller (requires game support), VOIP handset, Media Center remote and air mouse**
- **JBL® stereo speakers**

Processor	Intel® Pentium® Processor E5400 with dual-core, 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo Processor E7500 with dual-core, 1066MHz system bus, and 3MB L2 cache or Intel Core 2 Quad Processor Q8400S with quad-core, 1333MHz system bus, and 4MB L2 cache Processor in LGA775 socket										Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64			
Implementation											Preloaded applications ¹⁴ (only some listed) • Lenovo® Rescue System • Media Show • McAfee® VirusScan® Plus (60 days of virus definitions) • Cyberlink Power2Go (DVD±RW, BD player) • Corel® WinDVD® (BD player)			
Memory	4GB std / 4GB max ⁷ / PC3-8500 1066MHz DDR3 , non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; <i>Italics:</i> standard memory in both sockets; no sockets available													
SATA DVD±RW	<i>Some:</i> DVD burner, dual-layer support, fixed, not removable, 12.7mm, tray-in													
SATA Blu-ray™	<i>Some:</i> Blu-ray Disc reader (no Blu-ray media burning), BD-ROM, no HD-DVD playback, DVD recordable, not removable, 12.7mm high, tray-in													
SATA disk	500GB , 640GB , or 1TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm													
Widescreen display	23.0" (584.2mm) WUXGA (1920x1080) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio													
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone													
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off													
Graphics	<i>Some:</i> NVIDIA® GeForce® G210M , PCI Express® x16, 512MB memory; <i>Some:</i> NVIDIA GeForce GT 240M , PCI Express x16, 1GB memory; <i>Some:</i> NVIDIA GeForce GTS 250M , PCI Express x16, 1GB memory													
Chipset	Intel G41 Express Chipset ; I/O Controller Hub 7 (ICH7)													
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)													
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), TV IN and AV IN on some models; <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)													
Mini PCI Express	Two Mini PCI Express slots													
11b/g/n ²⁸	11b/g/n wireless ⁴ , Mini PCIe adapter, Broadcom® BCM43225													
TV tuner	<i>Some:</i> AverMedia® Hybrid tuner, support analog and digital signal, Mini PCIe adapter													
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface via ICH7													
Modem	None													
Ethernet	10/100 ethernet on planar, RealTek® RTL8103EL													
Audio support	High Definition (HD) Audio, RealTek ALC662 codec / two JBL® stereo speakers (5 watt)													
Security	Power-on password, supervisor password													
Keyboard	<i>Some:</i> Bluetooth full-size keyboard, 6-row, 104-key, black <i>Some:</i> Full-size keyboard (PS/2 connector), Fn keys, black													
Mouse	<i>Some:</i> Bluetooth Optical Wheel Mouse, black <i>Some:</i> Optical Wheel Mouse (USB connector), 1000 dpi, black													
Remote control	<i>Some:</i> MCE remote control (40-button), via IR <i>Some:</i> 4-in-1 remote control, via bluetooth, acts as motion game controller (requires game support), VOIP headset, MCE remote control, and air mouse													
Power supply	200 watts, universal, auto-sensing													
Dimensions ³	(WxHxD): 22.05" x 17.20" x 3.44" to 5.22"; 560mm x 437mm x 87.5 to 132.5mm													
Weight ²	22.0 lb (10 kg)													
Chassis	<i>Front:</i> black color; <i>rear:</i> silver gray color; ABS plastics													
Stand	Adjustable stand (between 8° and 35°)													

See footnotes for important warranty information
US models announced December 2, 2009
US models withdrawn effective January, 2011

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Type-model	Processor	GHz	Max turbo (GHz)	Memory	Widescreen display	Camera (mega-pixel)	Graphics	SATA disk	SATA optical	Mini PCIe wireless	TV tuner	Remote control	Key-board/ Mouse	Win7 preload	Avail date
7712-1SU	i3-550	3.20		2Gx2	23" FHD	0.3M	HD5450 512MB	500GB ⁸	DVD±RW	11b/g/n ²⁸			BT/BT	Prem 64	Sep 10
7712-1TU	i5-650	3.20	3.46	2Gx3	23" FHD	0.3M	HD5570 1G	1TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Sep 10
7712-1UU	i7-870S	2.66	3.60	2Gx3	23" FHD	0.3M	HD5850 1G	2TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Sep 10
7712-1VU	i7-870S	2.66	3.60	2Gx4	23" FHD	0.3M	HD5570 1G	2TB	DVD±RW	11b/g/n	TV	IR remote	BT/BT	Prem 64	Feb 11

- **All-In-One design with 23" Full HD 16:9 widescreen, glossy display**
- **(Seleted models) Integrated TV tuner**
- **JBL® stereo speakers**
- **These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)**

Processor	Intel® Core™ i3 processor i3-550 with dual-core, Intel 64, Hyper-Threading Technology, integrated 1333MHz dual-channel DDR3 memory controller, and 4MB cache or Intel Core i5 processor i5-650 with dual-core, Intel 64, Hyper-Threading Technology, Turbo Boost Technology, TXT, integrated 1333MHz dual-channel DDR3 memory controller, and 4MB cache or Intel Core i7 processor i7-870S with quad-core, Intel 64, Hyper-Threading Technology, Turbo Boost Technology, TXT, integrated 1333MHz dual-channel DDR3 memory controller, and 8MB cache Processor in LGA1156 socket	Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo® Rescue System • McAfee® VirusScan® Plus (60 days of virus definitions) • Lenovo Dynamic Brightness System • Lenovo Eye Distance System • Cyberlink Power2Go (DVD±RW) • Windows Live Essential • CyberLink YouCam • Microsoft Office 2010 preloaded; purchase product key to activate
Implementation		
Memory	4GB, 6GB, or 8GB std / 16GB max ⁷ / DDR3 , non-parity, dual-channel capable, four 204-pin SO-DIMM sockets	
SATA optical SATA disk	DVD burner, dual-layer support, 12.7mm, tray-in 500GB, 1TB, or 2TB , SATA 3.0Gb/s, 3.5" wide, 7200 rpm	
Widescreen display	23.0" (584.2mm) Full HD (1920x1080 WUXGA) TFT color, VibrantView (glossy), CCFL backlight, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio	
Camera	Camera on top of screen, 0.3-megapixel, fixed focus, with microphone	
Controls	Touch-sensitive buttons for LED light on/off, volume up/down, brightness up/down, display on/off	
Graphics	<i>Some:</i> ATI™ Radeon™ HD 5450 , PCI Express® x16, 512MB memory; <i>Some:</i> ATI Radeon HD 5570 , PCI Express x16, 1GB memory; <i>Some:</i> ATI Mobility Radeon HD 5850 , PCI Express x16, 1GB memory	
Chipset	Intel H55 Express Chipset	
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card)	
Ports	<i>Rear:</i> Four USB 2.0, ethernet (RJ-45), keyboard (PS/2), eSATA, TV IN and AV IN on some models; <i>Side:</i> Two USB 2.0, microphone input jack (3.5 mm), headphone jack (3.5 mm)	RoHS-compliant
PCIe Mini Card 11b/g/n ²⁸	Two PCIe Mini Card slots	Limited Warranty¹² ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts²³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 2-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1552) • 3-year Lenovo In-Home Repair 9x5 Next Business Day (78Y1553) ⇨ 24x7¹⁶ toll-free support for warranty issues during the warranty period¹² via 877-453-6686
TV tuner	11b/g/n wireless ⁴ , PCIe Half Mini Card adapter, Broadcom® or Atheros chip	
Bluetooth™	<i>Some:</i> Hybrid tuner, support analog and digital signal, PCIe Mini Card adapter Bluetooth 2.1 wireless + EDR	
Modem	None	
Ethernet	Gigabit ethernet on planar, Intel 82578DC	
Audio support	High Definition (HD) Audio, Realtek® ALC662 codec / two JBL® stereo speakers (5 watt)	
Security	Power-on password, supervisor password	
Keyboard	Bluetooth full-size keyboard, 6-row, black	
Mouse	Bluetooth Optical Wheel Mouse, black	
Remote control	<i>Some:</i> MCE remote control (40-button), via IR	
Power supply	200 watts, universal, auto-sensing	
Dimensions ³	(WxHxD): 22.05" x 17.20" x 3.76" to 5.53"; 560mm x 437mm x 95.5 to 140.5mm	
Weight ²	22.0 lb (10 kg)	
Chassis	<i>Front:</i> black color; <i>rear:</i> silver gray color; ABS plastics	
Stand	Adjustable stand (between 15° and 35°)	

See footnotes for important warranty information
US model(s) announced September 8, 2010 or February 16, 2011
US model(s) withdrawn effective April 2013

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(HLN1-1) April 2013



Lenovo IdeaCentre Q100



Lenovo IdeaCentre Q100



Lenovo IdeaCentre Q100



Lenovo IdeaCentre Q100



Lenovo IdeaCentre Q100
(Monitor is not included)



Lenovo IdeaCentre Q100

IdeaCentre™ Q100 (3014) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	L2 cache	Memory ^a	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	VESA mount bracket	Preload	Avail date
3014-1DU	Atom 230	1.60	512KB	1GB	160GB ²	None	Mirage 3+	None	None	None	Black	None		XP Home	Dec 09
3014-1FU	Atom 230	1.60	512KB	1GB	160GB	None	Mirage 3+	None	None	None	Black	None	VESA	XP Home	Dec 09

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *(Select model) Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Basic one key system recovery function*

Processor	Intel® Atom™ processor 230 with single-core, Hyper-Threading Technology, Intel 64 Technology, Execute Disable Bit, 533MHz system bus, and 512KB L2 cache	Tiny Desktop (0.5L) • Black color • 6.01" W X 0.8" D X 6.8" H • 153mm W X 20mm D X 172mm H • 1.67 lb (0.76kg) including stand • No bays, no slots
Memory	1GB std , 2GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, single-channel capable, one 200-pin SO-DIMM socket; standard memory in socket; no sockets available	
Graphics	SiS® Mirage™ 3+ Graphics Engine , integrated graphics in SiS672, uses main memory, one VGA DB-15 connector	Preloaded operating system ²⁰ - Genuine Windows® XP Home Edition
SATA disk	160GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	Preloaded applications ¹⁴ (only some listed)
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in SiS968	• Recovery wizard
SATA DVD±RW	None	• Driver and Application Installation
Media reader	None	• Trend Micro™ PC-cillin™ Internet Security 2008
Chipset	SiS672 Northbridge / SiS968 Southbridge (SATA 3.0Gb/s, ethernet MAC, USB)	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	65-watt AC adapter
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor (VGA DB-15), line-out (stereo, 3.5mm)	RoHS-compliant
Audio	High Definition (HD) audio, RealTek® ALC662 codec	Limited Warranty ¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1551) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
External speakers	None	
Internal speaker	None	
Ethernet	Gigabit ethernet on planar, Realtek® RLT8111DL	
Wireless	None	
Modem	None	
Security chip	None	
11b/g ²⁸	None	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	None	
Mouse	None	
Stand	Detachable stand (matching color with chassis)	
Mount bracket	<i>Some:</i> Mount bracket (black), meets VESA 75mm and 100mm mount standard	

See footnotes for important warranty information
 US models announced December 17, 2009
 US models withdrawn effective October, 2010

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 (NR1-3) October 2010

IdeaCentre™ Q100 (3014) - Web models - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	L2 cache	Memory ³	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Preload	Avail date
3014-1CU	Atom 230	1.60	512KB	1GB	None	160GB ²	None	Mirage 3+	None	None	None	Black	None	XP Home	Sep 09
3014-1BU	Atom 230	1.60	512KB	1GB	None	160GB	None	Mirage 3+	None	None	None	Black	None	XP Home	Sep 09

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- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Basic one key system recovery function*

Processor	Intel® Atom™ processor 230 with single-core, Hyper-Threading Technology, Intel 64 Technology, Execute Disable Bit, 533MHz system bus, and 512KB L2 cache	Tiny Desktop (0.5L) • Black color • 6.01" W X 0.8" D X 6.8" H • 153mm W X 20mm D X 172mm H • 1.67 lb (0.76kg) including stand • No bays, no slots
Memory	1GB std , 2GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, single-channel capable, one 200-pin SO-DIMM socket; standard memory in socket; no sockets available	
Graphics	SiS® Mirage™ 3+ Graphics Engine , integrated graphics in SiS672, uses main memory, one VGA DB-15 connector	
SATA disk	160GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	Preloaded operating system ²⁰ - Genuine Windows® XP Home Edition Preloaded applications ¹⁴ (only some listed) • Recovery wizard • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in SiS968	
SATA DVD±RW	None	
Media reader	None	
Chipset	SiS672 Northbridge / SiS968 Southbridge (SATA 3.0Gb/s, ethernet MAC, USB)	
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)	
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor (VGA DB-15), line-out (stereo, 3.5mm)	
Audio	High Definition (HD) audio, RealTek® ALC662 codec	
External speakers	None	
Internal speaker	None	
Ethernet	Gigabit ethernet on planar, Realtek® RLT8111DL	
Wireless	None	
Modem	None	
Security chip	None	
11b/g ²⁸	None	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	None	
Mouse	None	
Stand	Detachable stand (matching color with chassis)	
Mount bracket	None	
Limited Warranty¹ ➤ 1-year parts and labor ➤ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ➤ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1551) ➤ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686		

See footnotes for important warranty information
 US models announced September 15, 2009
 US models withdrawn effective October, 2010

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 (NR1-1) October 2010

Type-model	Processor	GHz	L2 cache	Memory ³	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Vista preload	Avail date
3016-1BU	Atom 230	1.60	512KB	2GB	None	250GB ²	None	NVIDIA ION	None	None	None	Black	None	Prem 32	Sep 09

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- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super powersaving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Support 1080p full HD multimedia playback and 3D gaming*
- *Basic one key system recovery function*

Processor	Intel® Atom™ processor 230 with single-core, Hyper-Threading technology, Intel 64 Technology, Execute Disable Bit, 533MHz system bus, and 512KB L2 cache	Tiny Desktop (0.5L) • Black color • 6.01" W X 0.8" D X 6.8" H • 153mm W X 20mm D X 172mm H • 1.67 lb (0.76kg) include stand • No bays, no slots
Memory	2GB std, 3GB max⁸, PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, one 200-pin SO-DIMM socket; <i>Italics:</i> standard memory 1GB soldered to systemboard, 1GB in socket; no sockets available	
Graphics	NVIDIA® ION™ graphics processor , DirectX 10, PureVideo® HD technology, Full HD decode (1080i/p) uses main memory, one HDMI connector, HDCP-compliant	Preloaded operating system²⁰ - Genuine Windows® Vista® Home Premium 32
SATA disk	250GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	Preloaded applications¹⁴ (only some listed) • Recovery wizard • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • CyberLink PowerDVD
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ION graphics processor	
SATA DVD±RW	None	
Media reader	None	
Chipset	NVIDIA® ION chipset (MCP7A-ION) , integrates all features of a modern chipset's North and South bridges into a single chip package	65-watt AC adapter RoHS-compliant
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm),	Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1551) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Rear ports	Four USB 2.0, ethernet (RJ-45), monitor (HDMI), line-out (stereo, 3.5mm)	
Audio	High Definition (HD) audio, RealTek® ALC662 codec	
External speakers	None	
Internal speaker	None	
Ethernet	Gigabit ethernet on planar, Realtek® RLT8111DL	
Wireless	None	
Modem	None	
Security chip	None	
11b/g ²⁸	None	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	None	
Mouse	None	
Stand	Detachable stand (matching color with chassis)	
Mount Bracket	Mount bracket (black), meets the VESA 75mm and 100mm mount standard	

See footnotes for important warranty information
 US model announced September 15, 2009
 US models withdrawn effective October, 2010

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 (NR1-2) October 2010



Lenovo IdeaCentre Q150



Lenovo IdeaCentre Q150
(NVIDIA ION models)



Lenovo IdeaCentre Q150
(NVIDIA ION models)



Lenovo IdeaCentre Q150



Lenovo IdeaCentre Q150
with optional Lenovo Mini Wireless Keyboard N5901
(57Y6336)



Lenovo IdeaCentre Q150
with optional mini USB keyboard and mouse

IdeaCentre™ Q150 (4081) - GMA - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	L2 cache	Memory ^a	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/Mouse	Win7 preload	Avail date
4081-3AU	Atom D410	1.66	512KB	1GBx1	160GB ²	None	GMA 3150	None	None	11b/g/n ²⁸	Black	None	USB/USB	XP Home	Jul 10

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super powersaving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	Intel® Atom™ processor D410 with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MHz), integrated graphics controller, Hyper-Threading technology, and 512KB L2 cache	Tiny Desktop (0.5L) • Black color • 6.05" W X 6.8" D X 0.85" H • 153.6mm W X 172.7mm D X 21.7mm H • 1.76 lb (0.8 kg) including stand • No bays, no slots Preloaded operating system ²⁰ - Genuine Windows® XP Home Edition Preloaded applications ¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus 2009 (60 days of virus definitions) 65-watt AC adapter RoHS-compliant
Memory	1GB std , 2GB max ⁸ , PC2-6400 800MHz DDR2 , non-parity, one 200-pin SO-DIMM socket	
Graphics	Intel Graphics Media Accelerator 3150 (GMA 3150) , in processor, uses main memory, one analog VGA DB-15 connector	
SATA disk	160GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset	
SATA DVD±RW	None	
Media reader	None	
Chipset	Intel NM10 Express Chipset	
Front ports	Two USB 2.0, S/PDIF-out	
Rear ports	Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)	
Audio	High Definition (HD) audio, RealTek® ALC662 codec	Limited Warranty ¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts ³ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇒ Service upgrade options (in eligible locations): ⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1551) ⇒ 24x7 ¹⁴ toll-free support for warranty issues during the warranty period ¹ via 877-453-6686
External speakers	None	
Internal speaker	None	
Ethernet	10/100M ethernet on planar, Intel 82552V	
Modem	None	
Security chip	None	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, RealTek® RTL8191SU	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	Mini Keyboard (USB connector), black	
Mouse	Mini Optical Wheel Mouse (USB connector), black	
Stand	Detachable stand (matching color with chassis)	
Mount bracket	Mount bracket (black), meets the VESA 75mm and 100mm mount standard	

See footnotes for important warranty information
 US model announced July 28, 2010
 US models withdrawn effective October, 2010

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 (NR2-1) October 2010

IdeaCentre™ Q150 (4081) - GMA (web models) - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	L2 cache	Memory ^a	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/Mouse	Win7 preload	Avail date
4081-5AU	Atom D410	1.66	512KB	1GBx1	160GB ²	None	GMA 3150	None	None	11b/g/n ²⁸	Black	None	USB/USB	XP Home	Jul 10

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	Intel® Atom™ processor D410 with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MHz), integrated graphics controller, Hyper-Threading technology, and 512KB L2 cache	Tiny Desktop (0.5L) • Black color • 6.05" W X 6.8" D X 0.85" H • 153.6mm W X 172.7mm D X 21.7mm H • 1.76 lb (0.8 kg) including stand • No bays, no slots
Memory	1GB std , 2GB max ⁸ , PC2-6400 800MHz DDR2 , non-parity, one 200-pin SO-DIMM socket	
Graphics	Intel Graphics Media Accelerator 3150 (GMA 3150) , in processor, uses main memory, one analog VGA DB-15 connector	
SATA disk	160GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	Preloaded operating system ²⁰ - Genuine Windows® XP Home Edition Preloaded applications ¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus 2009 (60 days of virus definitions)
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset	
SATA DVD±RW	None	
Media reader	None	65-watt AC adapter RoHS-compliant
Chipset	Intel NM10 Express Chipset	
Front ports	Two USB 2.0, S/PDIF-out	
Rear ports	Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)	Limited Warranty ¹ ↪ 1-year parts and labor ↪ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ↪ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1551) ↪ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Audio	High Definition (HD) audio, RealTek® ALC662 codec	
External speakers	None	
Internal speaker	None	
Ethernet	10/100M ethernet on planar, Intel 82552V	
Modem	None	
Security chip	None	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, RealTek® RTL8191SU	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	Mini Keyboard (USB connector), black	
Mouse	Mini Optical Wheel Mouse (USB connector), black	
Stand	Detachable stand (matching color with chassis)	
Mount bracket	Mount bracket (black), meets the VESA 75mm and 100mm mount standard	

See footnotes for important warranty information
 US model announced July 28, 2010
 US models withdrawn effective October, 2010

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 (NR2-3) October 2010

IdeaCentre™ Q150 (4081) - GMA (Windows 7) - web only - withdrawn

Personal Systems Reference (PSREF)

Type-model	Processor	GHz	L2 cache	Memory ^a	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/Mouse	Win7 preload	Avail date
4081-1DU	Atom D410	1.66	512KB	1GBx1	250GB ²	None	GMA 3150	None	None	11b/g/n ²⁸	Black	None	2.4GHz	Prem 32	Feb 11

- *IdeaCentre Q series provide ultimate multimedia experience for home entertainment*
- *An Ultra-slim and fashionable desktop PC (only 0.5L)*
- *Attaches to the back of selected VESA-compatible monitor for more space saving*
- *Super power saving, saving up to 90% power compared to traditional desktop*
- *Ultra quiet with low power platform*
- *Lenovo® Rescue System provides OneKey recovery without booting into Windows*

Processor	Intel® Atom™ processor D410 with single-core, DMI (Direct Media Interface), integrated DDR2 memory controller (up to 800MHz), integrated graphics controller, Hyper-Threading technology, and 512KB L2 cache	Tiny Desktop (0.5L) • Black color • 6.05" W X 6.8" D X 0.85" H • 153.6mm W X 172.7mm D X 21.7mm H • 1.76 lb (0.8 kg) including stand • No bays, no slots Preloaded operating system²⁰ - Genuine Windows® 7 Home Premium 32 Preloaded applications¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) 65-watt AC adapter RoHS-compliant
Memory	1GB std , 2GB max ⁸ , PC2-6400 800MHz DDR2 , non-parity, one 200-pin SO-DIMM socket	
Graphics	Intel Graphics Media Accelerator 3150 (GMA 3150) , in processor, uses main memory, one analog VGA DB-15 connector	
SATA disk	250GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset	
SATA DVD±RW	None	
Media reader	None	
Chipset	Intel NM10 Express Chipset	
Front ports	Two USB 2.0, S/PDIF-out	
Rear ports	Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)	
Audio	High Definition (HD) audio, RealTek® ALC662 codec	Limited Warranty¹ ↪ 1-year parts and labor ↪ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ↪ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1551) ↪ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
External speakers	None	
Internal speaker	None	
Ethernet	10/100M ethernet on planar, Intel 82552V	
Modem	None	
Security chip	None	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, RealTek® RTL8191SU	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	2.4GHz Wireless Mini Keyboard N5901, palm-sized dimensions, keyboard and mouse (with track ball) combo, via micro-size USB receiver	
Mouse	None	
Stand	Detachable stand (matching color with chassis)	
Mount bracket	Mount bracket (black), meets the VESA 75mm and 100mm mount standard	

See footnotes for important warranty information
US model(s) announced February 16, 2011
US model(s) withdrawn effective April 2013

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(NR2-5) April 2013

Type-model	Processor	GHz	L2 cache	Memory ⁸	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/Mouse	Win7 preload	Avail date
4081-4AU	Atom D510	1.66	1MB	2GBx1 DDR2	250GB ²	None	NVIDIA ION	None	None	11b/g/n ²⁸	Black	None	2.4GHz	Prem 32	Jul 10
4081-2GU	Atom D525	1.80	1MB	2GBx1 DDR3	250GB	None	NVIDIA ION	None	None	11b/g/n	Black	None	USB	Prem 64	Apr 11
4081-2HU	Atom D525	1.80	1MB	2GBx1 DDR3	250GB	None	NVIDIA ION	None	None	11b/g/n	Black	None	2.4GHz	Prem 64	Apr 11

- **IdeaCentre Q series provide ultimate multimedia experience for home entertainment**
- **An Ultra-slim and fashionable desktop PC (only 0.5L)**
- **Attaches to the back of selected VESA-compatible monitor for more space saving**
- **Super power saving, saving up to 90% power compared to traditional desktop**
- **Ultra quiet with low power platform**
- **Support 1080p full HD multimedia playback and 3D gaming**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Atom™ processor D510 with dual-core , integrated DDR2 memory controller (up to 800MHz), integrated graphic controller, Hyper-Threading technology, and 1MB L2 cache Intel Atom Processor D525 with dual-core , integrated DDR2/DDR3 memory controller (up to 800MHz), integrated graphic controller, Hyper-Threading Technology, and 1MB L2 cache	Tiny Desktop (0.5L) • Black color • 6.05" W X 6.8" D X 0.85" H • 153.6mm W X 172.7mm D X 21.7mm H • 1.76 lb (0.8 kg) including stand • No bays, no slots Preloaded operating system²⁰ - <i>Some:</i> Genuine Windows® 7 Home Premium 32 - <i>Some:</i> Genuine Windows 7 Home Premium 64 Preloaded applications¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink PowerDVD (discrete models) 65-watt AC adapter RoHS-compliant
Memory	2GB std, 2GB max⁸ : <i>Some:</i> PC2-6400 800MHz DDR2 , non-parity, one 200-pin SO-DIMM socket; <i>Some:</i> PC3-6400 800MHz DDR3 , non-parity, one 204-pin SO-DIMM socket	
Graphics	NVIDIA® ION™ graphics processor , DirectX® 10, 512MB memory PureVideo® HD technology, Full HD decode (1080i/p), one analog VGA DB-15 connector, one HDMI connector, HDCP-compliant	
SATA disk SATA controller SATA DVD±RW Media reader	250GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset None None	
Chipset	Intel NM10 Express Chipset	
Front ports Rear ports	Two USB 2.0, S/PDIF-out Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15, HDMI), line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)	
Audio	High Definition (HD) audio, RealTek® ALC662 codec	
External speakers Internal speaker Ethernet Modem Security chip	None None 10/100M ethernet on planar, Intel 82552V None None	
11b/g/n ²⁸ TV tuner Remote control Camera	11b/g/n wireless ⁴ , PCIe Mini Card, RealTek® RTL8191SU None None None	
Keyboard	<i>Some:</i> Mini Keyboard (USB connector), black <i>Some:</i> 2.4GHz Wireless Mini Keyboard N5901, palm-sized dimensions, keyboard and mouse (with track ball) combo, via micro-size USB receiver	
Mouse Stand Mount bracket	<i>Some:</i> Mini Optical Wheel Mouse (USB connector), black Detachable stand (matching color with chassis) Mount bracket (black), meets the VESA 75mm and 100mm mount standard	
		Limited Warranty¹ ⇒ 1-year parts and labor ⇒ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇒ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1553) ⇒ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686

See footnotes for important warranty information
 US model(s) announced July 28, 2010 or April 7, 2011
 US model(s) withdrawn effective April 2013

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Type-model	Processor	GHz	L2 cache	Memory ^a	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Keyboard/Mouse	Win7 preload	Avail date
4081-6AU	Atom D510	1.66	1MB	2GBx1	500GB ²	None	NVIDIA ION	None	None	11b/g/n ²⁸	Black	None	USB/USB	Prem 32	Jul 10
4081-1EU	Atom D510	1.66	1MB	2GBx1	500GB	None	NVIDIA ION	None	None	11b/g/n	Black	None	2.4GHz	Prem 64	Feb 11
4081-2MU	Atom D525	1.80	1MB	2GBx1	500GB	None	NVIDIA ION	None	None	11b/g/n	Black	None	2.4GHz	Prem 64	Nov 11

- **IdeaCentre Q series provide ultimate multimedia experience for home entertainment**
- **An Ultra-slim and fashionable desktop PC (only 0.5L)**
- **Attaches to the back of selected VESA-compatible monitor for more space saving**
- **Super power saving, saving up to 90% power compared to traditional desktop**
- **Ultra quiet with low power platform**
- **Support 1080p full HD multimedia playback and 3D gaming**
- **Lenovo® Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Atom™ processor D510 with dual-core, integrated DDR2 memory controller (up to 800MHz), Hyper-Threading technology, and 1MB L2 cache Intel Atom Processor D525 with dual-core, integrated DDR2/DDR3 memory controller (up to 800MHz), Hyper-Threading Technology, and 1MB L2 cache	Tiny Desktop (0.5L) • Black color • 6.05" W X 6.8" D X 0.85" H • 153.6mm W X 172.7mm D X 21.7mm H • 1.76 lb (0.8 kg) including stand • No bays, no slots
Memory	2GB std , 2GB max ³ , PC2-6400 800MHz DDR2 , non-parity, one 200-pin SO-DIMM socket	Preloaded operating system ²⁰ - <i>Some:</i> Genuine Windows® 7 Home Premium 32 - <i>Some:</i> Genuine Windows 7 Home Premium 64
Graphics	NVIDIA® ION™ graphics processor , DirectX® 10, 512MB memory PureVideo® HD technology, Full HD decode (1080i/p), one analog VGA DB-15 connector, one HDMI connector, HDCP-compliant	
SATA disk	500GB , SATA 3.0Gb/s, 2.5" wide, 5400 rpm	Preloaded applications ¹⁴ (only some listed) • Lenovo Rescue System • Driver and Application Installation • McAfee® VirusScan® Plus (60 days of virus definitions) • CyberLink PowerDVD (discrete models)
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in NM10 chipset	
SATA DVD±RW Media reader	None	65-watt AC adapter RoHS-compliant
Chipset	Intel NM10 Express Chipset	
Front ports	Two USB 2.0, S/PDIF-out	Limited Warranty ¹ ↪ 1-year parts and labor ↪ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ↪ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 often Next Business Day (78Y1553) ↪ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
Rear ports	Two USB 2.0, ethernet (RJ-45), monitor (VGA DB-15, HDMI) line-in (stereo, 3.5mm), line-out (stereo, 3.5mm)	
Audio	High Definition (HD) audio, RealTek® ALC662 codec	
External speakers	None	
Internal speaker	None	
Ethernet	10/100M ethernet on planar, Intel 82552V	
Modem	None	
Security chip	None	
11b/g/n ²⁸	11b/g/n wireless ⁴ , PCIe Mini Card, RealTek® RTL8191SU	
TV tuner	None	
Remote control	None	
Camera	None	
Keyboard	<i>Some:</i> Mini Keyboard (USB connector), black <i>Some:</i> 2.4GHz Wireless Mini Keyboard N5901, palm-sized dimensions, keyboard and mouse (with track ball) combo, via micro-size USB receiver	
Mouse	<i>Some:</i> Mini Optical Wheel Mouse (USB connector), black	
Stand	Detachable stand (matching color with chassis)	
Mount bracket	Mount bracket (black), meets the VESA 75mm and 100mm mount standard	

See footnotes for important warranty information

US model(s) announced July 28, 2010 or February 16 or November 23, 2011

US model(s) withdrawn effective April 2013

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(NR2-4) April 2013



Lenovo IdeaCentre Q700



Lenovo IdeaCentre Q700



Lenovo IdeaCentre Q700



Lenovo IdeaCentre Q700



Lenovo IdeaCentre Q700
(TV IN and AV IN on some models)



Lenovo IdeaCentre Q700
(TV IN and AV IN on some models)

Type-model	Processor	GHz	L2 cache	Cores	Memory ^a	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Vista preload	Avail date
3015-1AU	E5200	2.50	2MB	2	4GB	4-in-1	320GB ²	DVD±RW	GMA X4500				Black	None	Prem 64	Aug 09
3015-1BU	E5200	2.50	2MB	2	4GB	4-in-1	500GB	DVD±RW	GMA X4500			11b/g	Black	None	Prem 64	Aug 09
3015-1CU	E5200	2.50	2MB	2	4GB	4-in-1	640GB	DVD±RW	GMA X4500	TV	Remote	11b/g	Black	None	Prem 64	Aug 09

- **IdeaCentre Q series provide ultimate multimedia experience for home entertainment**
- **Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows**

Processor	Intel® Pentium® Processor E5200 with dual-core, 800MHz system bus, Intel 64 Technology, Execute Disable Bit, EIST, and 2MB L2 cache		Ultra Small Form Factor (3.5L) • Black color bezel • 2.36" W X 7.87" D X 9.84" H • 60mm W X 200mm D X 250mm H • 5.69 lb (2.58 kg) Bay ① 3.5", 1" high, no access, standard disk Bay ② 0.5" (12.7mm) high, no access, slot-in opt drive Slot 1: Mini PCI Express * Slot 2: Mini PCI Express ** * Wireless adapter in slot in some models ** TV tuner in slot in some models
Implementation	Processor in FC-LGA6 package in LGA775 socket		
Memory	4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets <i>Italics:</i> standard memory in two sockets; no sockets available		
Graphics	Intel Graphics Media Accelerator X4500 (GMA X4500) , integrated graphics in G43, uses main memory, one VGA DB-15 connector, one HDMI connector, HDCP-compliant		Security • Security slot (in rear for optional Kensington Microsaver cable) • Power-on password • Administrator password • Boot sequence control • Boot without keyboard, mouse, diskette
SATA disk	320GB, 500GB, or 640GB SATA 3Gb/s, 7200 rpm		
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10		
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive, 12.7mm, slot-in		
SATA cables	Two SATA cables (each 1-drop to device), two SATA connectors		
eSATA port	One external SATA (eSATA) port		
EIDE controller	None		
Diskette drive	None		
Media reader	4-in-1 media reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)		
Chipset	Intel G43 Express Chipset (PCI Express® x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB)		
Front ports	Four USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)		
Rear ports	Four USB 2.0, one eSATA, ethernet (RJ-45), monitor (VGA DB-15, HDMI) <i>3015-1CU:</i> AV IN port, TV IN port		
Rear audio ports	Line-in (stereo, 3.5mm), three line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out		
Audio	High Definition (HD) audio, RealTek® ALC888s codec		
External speakers	None		
Internal speaker	None		
Ethernet	Gigabit ethernet on planar, Intel 82567V		
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom® BCM4312, PCIe x1 adapter		
Modem	None		
Security chip	None		
Mini PCI Express	Two Mini PCI Express slots		
11b/g ²⁸	<i>Some:</i> 11b/g wireless, Broadcom® BCM4312, miniPCIe x1 adapter		
TV tuner	<i>Some:</i> Hybrid tuner, support analog (NTSC) and digital (ATSC) signal, AverMedia Hybrid ATSC PCIe miniCard A317, miniPCIe x1 adapter		
Remote control	<i>Some:</i> Philips® Vista MCE remote control (40/45 button), IR receiver integrated		
Camera	None		
Keyboard	104-key wired keyboard (USB connector)		
Mouse	Wired optical wheel mouse (USB connector)		
Power supply	120 watts, AC adapter, auto switch		
Preloaded operating system ²⁰ - Genuine Windows® Vista® Home Premium 64 ✧ Vista Premium logo			Preloaded applications ⁵ • Lenovo® OneKey Recovery • Driver and Application Installation • Trend Micro™ PC-cillin™ Internet Security 2008 • Windows Live™ Toolbar • Media Show • CyberLink Power2Go (DVD±RW)

Limited Warranty ¹ ⇨ 1-year parts and labor ⇨ Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts³, 8 am - 5 pm, Mon - Fri coverage excluding holidays, often next business day response time) ⇨ Service upgrade options (in eligible locations):⁹ • 3-year Lenovo Onsite Repair 9x5 Next Business Day (78Y1551) ⇨ 24x7¹⁴ toll-free support for warranty issues during the warranty period¹ via 877-453-6686
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See footnotes for important warranty information
 US models announced August 11, 2009
 US models withdrawn effective August, 2010

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 (THT1-1) August 2010

Type-model	Processor	GHz	L2 cache	Cores	Memory ^a	Media reader	SATA disk	SATA optical	Graphics	TV tuner	Remote control	802.11 wireless	Color	Blue-tooth	Win7 preload	Avail date
3015-1LU	E5200	2.50	2MB	2	4GB	4-in-1	640GB ² DVD±RW		GMA X4500	TV	Remote		Black	None	Prem 64	Oct 09
3015-1JU	E5300	2.60	2MB	2	4GB	4-in-1	500GB DVD±RW		GMA X4500	TV	Remote	11b/g	Black	None	Prem 64	Oct 09
3015-1KU	E7500	2.93	3MB	2	4GB	4-in-1	640GB DVD±RW		GMA X4500	TV	Remote	11b/g	Black	None	Prem 64	Oct 09

- **IdeaCentre Q series provide ultimate multimedia experience for home entertainment**
- **Lenovo Rescue System provides OneKey recovery without booting into Windows**

Processor	Intel® Pentium® Processor E5200 or E5300 with dual-core , 800MHz system bus, and 2MB L2 cache or Intel Core™ 2 Duo Processor E7500 with dual-core 1066MHz system bus, and 3MB L2 cache Processor in FC-LGA6 package in LGA775 socket		Ultra Small Form Factor (3.5L) • Black color bezel • 2.36" W X 7.87" D X 9.84" H • 60mm W X 200mm D X 250mm H • 5.69 lb (2.58 kg)	
Implementation				
Memory	4GB std , 4GB max ⁸ , PC2-5300 667MHz DDR2 , non-parity, dual-channel capable, two 200-pin SO-DIMM sockets <i>Italics:</i> standard memory in two sockets; no sockets available		Bay ① 3.5", 1" high, no access, standard disk Bay ② 0.5" (12.7mm) high, no access, slot-in opt drive	
Graphics	Intel Graphics Media Accelerator X4500 (GMA X4500) , integrated graphics in G43, uses main memory, one VGA DB-15 connector, one HDMI connector, HDCP-compliant		Slot 1: Mini PCI Express * Slot 2: Mini PCI Express ** * Wireless adapter in slot in some models ** TV tuner in slot in some models	
SATA disk	500GB or 640GB SATA 3Gb/s, 7200 rpm		Security • Security slot (in rear for optional Kensington Microsaver cable) • Power-on password • Administrator password • Boot sequence control • Boot without keyboard, mouse, diskette	
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH10			
SATA DVD±RW	Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive, 12.7mm, slot-in			
SATA cables	Two SATA cables (each 1-drop to device), two SATA connectors			
eSATA port	One external SATA (eSATA) port			
EIDE controller	None			
Diskette drive	None			
Media reader	4-in-1 media reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card)			
Chipset	Intel G43 Express Chipset (PCI Express® x16), I/O Controller Hub 10 [ICH10] (SATA 3.0Gb/s, PCI Express x1, ethernet MAC, PCI 2.3, USB)			
Front ports	Four USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)			
Rear ports	Four USB 2.0, one eSATA, ethernet (RJ-45), monitor (VGA DB-15, HDMI), AV IN port, TV IN port			
Rear audio ports	Line-in (stereo, 3.5mm), three line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm), SPDIF-out			
Audio	High Definition (HD) audio, RealTek® ALC888s codec			
External speakers	None			
Internal speaker	None			
Ethernet	Gigabit ethernet on planar, Intel 82567V			
Wireless	<i>Some:</i> 11b/g wireless ⁴ , Broadcom® BCM4312, PCIe x1 adapter			
Modem	None			
Security chip	None			
Mini PCI Express	Two Mini PCI Express slots			
11b/g ²⁸	<i>Some:</i> 11b/g wireless, Broadcom® BCM4312, miniPCIe x1 adapter			
TV tuner	Hybrid tuner, support analog (NTSC) and digital (ATSC) signal, AverMedia Hybrid ATSC PCIe miniCard A317, miniPCIe x 1 adapter			
Remote control	Philips® MCE remote control (40/45 button), IR receiver integrated			
Camera	None			
Keyboard	104-key wired keyboard (USB connector)			
Mouse	Wired optical wheel mouse (USB connector)			
Power supply	120 watts, AC adapter, auto switch			
Preloaded operating system ²⁰ - Genuine Windows® 7 Home Premium 64		• McAfee VirusScan® Plus 2009 (30 days of virus definitions) • Media Show • CyberLink Power2Go (DVD±RW)		
Preloaded applications ⁵ • Lenovo® OneKey Recovery • Driver and Application Installation				

See footnotes for important warranty information
 US models announced October 23, 2009
 US models withdrawn effective August, 2010

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 (THT1-2) August 2010

**Partial list of accessories supported on:
IdeaCentre A, B, C, D, K, and Q series desktops****Storage and removable storage**

Lenovo Portable DVD Burner DB50 (black)	57Y6487
Lenovo Portable DVD Burner DB50 (white)	57Y6488

Keyboard

Lenovo Wired Keyboard K4803A (black)	57Y6566
Lenovo Mini Wireless Keyboard N5901A ⁵²	57Y6599 <i>ann 10/26/10</i>
Lenovo Mini Wireless Keyboard N5901 ⁵² (blk)	57Y6336 <i>ann 12/08/09</i>

⁵² Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

Lenovo Optical Mouse A6010 (red)	57Y6483
Lenovo Optical Mouse A6010 (black)	57Y6255
Lenovo Mini Optical Mouse S10B (white)	55Y9358
Bluetooth Laser Mice N6901A (glossy black)	57Y6482
Lenovo Wireless Mouse N30B (black)	55Y9360
Wireless Mouse N3903A (metal)	57Y6596
Wireless Mouse N3903A (coffee)	57Y6666 <i>ann 01/25/11</i>
Wireless Mouse N3902A (black)	57Y6574
Wireless Mouse N3902A (red)	57Y6673 <i>ann 01/25/11</i>

Multimedia

Lenovo Headset P550	55Y2065
Lenovo Headset P950 (black)	57Y6605 <i>ann 02/08/11</i>
Lenovo mini speaker M220	55Y2033
Lenovo speaker M0520 (black)	57Y6360 <i>ann 02/08/11</i>
Lenovo speaker M0520 (red)	57Y6361 <i>ann 02/08/11</i>

For more information on accessories:

www.lenovo.com/accessories

Purchase Lenovo accessories

www.lenovo.com/support/accessories

Product specifications on Lenovo Support

www.lenovo.com/accessoriesguide

Option Compatibility Matrix (OCM) and accessory brochures

www.lenovoquickpick.com

An Options Compatibility Configurator for Lenovo systems

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

- ¹ **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.
- ² **Hard disk drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.
- ³ **Customer Replacement Units (CRUs)** are designed to be replaced by customers during the applicable warranty period. Lenovo will send a technician onsite to perform a repair if remote telephone diagnosis does not isolate the problem, if customer replaceable parts are unable to resolve the problem, or at the request of the customer. For a list of customer replaceable parts, contact Lenovo. Support unrelated to a warranty issue may be subject to additional charges.
- ⁴ **Wireless capability:** Requires compatible wireless-enabled options sold separately.
- ⁵ **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. License agreements may apply.
- ⁷ **Maximum memory capacity** may require the replacement of standard component with largest supported component available. On ThinkPad systems, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems.

⁸ **Memory:** For PCs without a separate video card, memory supports both system and video. Accessible system memory is less than the amount stated, depending on video mode.

⁹ **Service upgrade options:** Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees.

¹⁰ **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

¹⁴ **Response times may vary.** May exclude some holidays. Telephone support may be subject to additional charges.

²⁰ **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

²⁸ **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.



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1009 Think Place
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