

Lenovo

Overview (Europe, Middle East, and Africa) - ThinkCentre 8189

▼ Applicable countries and regions



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General Information - ThinkCentre M50 - 8189 Tower	
System board/ Form factor	• Supports Intel Northwood processors with 533MHz or 800MHz Front Side Bus (FSB), 512KB L2 cache, and built on a 0.13 micron core • Supports Intel Prescott Pentium 4 processors with 800MHz FSB, 1MB L2 cache, and built on a 0.13 micron core • Supports Intel Northwood Celeron processors with 400MHz FSB and 128KB L2 cache • uATX • 478 pin mPGA socket
Processor	• Intel Pentium 4 2.4GHz to 3.2GHz • Intel Celeron 2.0GHz to 2.6GHz
Cache	• 128KB to 1MB cache, processor dependent
Chipsets	• Intel 865G chipset graphics memory controller hub (MCH) • ICH5 Input/Output Controller Hub • AC '97 Digital Controller
Memory	• 333MHz DDR (Double Data Rate) dual channel memory support • NOTE: BIOS will reflect 266Mhz with Celeron processor • PC2700 (333MHz) and PC2100 (266MHz) memory support • 4 184 pin DIMM sockets • Supports maximum memory up to 4.0GB • ECC or parity memory not supported

	• <u>Option part numbers for memory</u>
Hard disk drive features	• ATA-100 7200RPM supported • Serial ATA-150 supported • <u>Option part numbers for hard disk drive</u>
IDE controller	• 2 Ultra ATA-100 connectors • 2 Separate channels, 4 drive support
Serial ATA controller	• 2 Serial ATA-150 connectors • 2 Drive support
Optical drives	• 48x CD-ROM • 16x DVD-ROM • <u>Option part numbers for CD-ROM drives</u>
Audio	• Integrated ADI1981B codec, Audio Codec '97 2.3 compliant • SoundMAX Cadenza software • Software-based audio (done by processor and ICH5) • Internal mono speaker
Power management	• APM 1.2 and ACPI 1.0b compliant
Power supply	• 230 watt supply with variable speed fan • PS3 form factor • 110 volt or 220 volt operation controlled by a switch on the back of the unit
Networking	• Integrated Intel Pro/100 Ethernet with Wake on Lan or • Integrated Intel Pro/1000 Ethernet (gigabit) with Wake on Lan • <u>Option part numbers for networking</u>
Keyboard and mouse	• Full size PS/2 keyboard standard • Standard PS/2 2 button mouse or • USB Optical wheel mouse • <u>Option part numbers for keyboard and mouse</u>
Operating systems	• <u>Microsoft Windows 2000</u> • <u>Microsoft Windows XP Professional</u> • <u>Microsoft Windows XP Home</u> Preloaded software recovery uses industry standard Protected Area Run Time Interface Extension Services (PARTIES) recovery method
Security	• U-Bolt anchoring feature • Security slot for attachment of optional Kensington style cable lock • Power-on password • Configuration password (administrator password) • Boot sequence control Promise of Value (POV3) - Available on selected models • Offers both platform and user authentication • Executes all private key-related Public Key Infrastructure (PKI) operations right on the chip (requires third party digital certificate) • Designed to enable secure storage of private keys (requires third party digital certificate) • Supports industry standard cryptographic interface (MSCAPI and PKCS#11) • Provides more secure access authentication by coordinating

	- with Windows logons and strengthening Lotus Notes logons - Encrypts and decrypts files, folders and messages with 1024-bit digital signature and up to 256-bit key exchange - Digital signatures allow non-repudiation and data integrity - Integrates with biometrics and proximity badges - Adheres to the Trusted Computing Platform Alliance (TCPA) specification - C2 tamper detect switch - Cover keylock
External ports	8 USB ports, 2 front, 6 rear [Ver 2.0 supported] 1 ethernet RJ-45 port 1 parallel port IEEE-1284 compatible 1 serial port 16550 compatible - PS2 keyboard and mouse ports - Audio line in, headphone out, and microphone in jacks
Physical	413mm high x 191mm wide x 406mm deep (16.3 inches x 7.5 inches x 16 inches) - Weight fully loaded - approximately 10kg/22.5lbs - Vertical only orientation
Slots	- Slot 1: three-quarter length, AGP 32-bit AGP 8X (1.5v) - Slot 2: three-quarter length, PCI 32-bit PCI 2.2 (5v) - Slot 3: three-quarter length, PCI 32-bit PCI 2.2 (5v) - Slot 4: three-quarter length, PCI 32-bit PCI 2.2 (5v)
Bays	- Bay 1: 5.25 inches half-high external accessible, for optical drive (43mm x 148mm x 215mm) - Bay 2: 5.25 inches half-high external accessible, (43mm x 148mm x 215mm) - Bay 3: 3.5 inches slim external accessible, (25.8mm x 101.6mm x 150mm) - Bay 4: 3.5 inches slim external accessible, for diskette drive (25.8mm x 101.6mm x 150mm) - Bay 5: 3.5 inches slim hard disk drive, hidden (25.8mm x 101.6mm x 150mm)
Warranty	- For additional warranty information, refer to the Statement of Limited Warranty - For warranty service upgrades and maintenance service refer to Warranty service upgrades and maintenance services

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Europe, Middle East and Africa models specific features							
Models	Processor /FSB L2 cache	Memory	Hard disk drive	Optical drive	Ethernet	Operating system	Video
8189-35G	Pentium 4 2.8GHz/533MHz 1MB	256MB	40GB 7200RPM	48x CD- ROM	10/100	Windows XP Professional	Intel 865G
8189-3CG	Pentium 4 2.8GHz/800MHz 1MB	512MB	40GB 7200RPM	48x CD- ROM	10/100	Windows XP Professional	Intel 865G
Other features: POV							
8189-46G	Pentium 4 3.0GHz/800MHz 1MB	512MB	40GB 7200RPM	48x CD- ROM	10/100/1000	Windows XP Professional	Intel 865G

8189-4DG	Pentium 4 3.0GHz/800MHz 1MB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional	Intel 865G
	Other features: POV						
8189-73G	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional	Intel 865G
8189-74G	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows 2000	Intel 865G
8189-7AG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional	Intel 865G
	Other features: POV						
8189-B5G	Pentium 4 2.53GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional	Intel 865G
8189-D3G	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional	Intel 865G
8189-D6G	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS license	Intel 865G
8189-D9G	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional	Intel 865G
8189-E1G	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional	Intel 865G
8189-E3G	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional	Intel 865G
8189-E5G	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Professional	Intel 865G
	Other features: POV						
8189-E7G	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional	Intel 865G
	Other features: POV						
8189-EAG	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Professional	Intel 865G
	Other features: POV						
8189-F2G	Pentium 4 3.06GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional	Intel 865G
8189-F4G	Pentium 4 3.0GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	16x DVD-ROM	10/100	Windows XP Professional	Intel 865G
	Other features: POV						
8189-	Pentium 4	512MB	40GB	16x	10/100/1000	Windows	Intel

F6G	3.0GHz/800MHz 512KB		7200RPM	DVD- ROM		XP Professional	865G
Other features: POV							
8189-G2G	Pentium 4 3.2GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD- ROM	10/100	Windows XP Professional	Intel 865G
8189-G5G	Pentium 4 3.2GHz/800MHz 512KB	256MB	40GB 7200RPM	48x CD- ROM	10/100	Windows XP Professional	Intel 865G
8189-G7G	Pentium 4 3.2GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional	Intel 865G
Other features: POV							

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Enterprise Direct and Topseller models						
Models	Processor /FSB L2 cache	Memory	Hard disk drive	Optical drive	Ethernet	Operating system
8189-7CG	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-7DG	Pentium 4 2.6GHz/800MHz 512KB	256MB	40GB 7200RPM	48x24x48x CD-RW	10/100	Windows XP Professional
8189-7EG	Pentium 4 2.4GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-7HG	Pentium 4 2.8GHz/800MHz 1MB	256MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
Other features: POV						
8189-7JG	Pentium 4 2.8GHz/800MHz 1MB	256MB	80GB 7200RPM	48x32x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
Other features: POV						
8189-7MG	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
Other features: POV, Optical ScrollPoint mouse						
8189-F6G	Pentium 4 2.6GHz/800MHz 512KB	512MB	120GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
Other features: POV						
8189-JGA	Pentium 4 3.20GHz/800MHz 512KB	1GB	80GB 7200RPM S-ATA	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-K1G	Pentium 4 2.8GHz/533MHz 1MB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-K2G	Pentium 4 2.8GHz/533MHz	256MB	40GB 7200RPM	48x CD-ROM	10/100	Custom Windows XP Professional

	512KB					
8189-K3G	Pentium 4 3.0GHz/800MHz 512KB	512MB	160GB 7200RPM S-ATA	Multiburner Plus	10/100	Windows XP Professional
	Other features: POV, Additional serial port, full size NetVista keyboard					
8189-K4G	Celeron 2.4GHz/400MHz 128 KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
	Other features: POV					
8189-K5G	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	48x32x48x CD-RW	10/100/1000	Custom Windows XP Professional
8189-K7G	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-K8G	Pentium 4 2.8GHz/800MHz 512KB	1024MB	40GB 7200RPM	None	10/100/1000	DOS License
	Other features: POV, additional serial port cable					
8189-KAG	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	None	10/100/1000	DOS License
	Other features: POV, ships without keyboard, additional serial port					
8189-KBG	Pentium 4 3.0GHz/800MHz 1MB	512MB	40GB 7200RPM	48x24x48x16 CD-RW/DVD combo	10/100/1000	Windows XP Professional
8189-KDG	Pentium 4 3.0GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	48x CD-ROM	10/100	Windows XP Professional
	Other features: POV					
8189-KEG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
	Other features: POV					
8189-KFG	Pentium 4 3.0GHz/800MHz 512KB	512MB	80GB 7200RPM	48x24x48x16 CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: POV					
8189-KG1	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100/1000	DOS License
8189-KG2	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
	Other features: External speakers					
8189-KG3	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Custom Windows 2000
	Other features: Windows XP Professional License					
8189-KG4	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional

8189-KG5	Pentium 4 2.53GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Home
8189-KG6	Pentium 4 2.6GHz/800MHz 512KB	1GB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
Other features: Rapid Access Keyboard, POV						
8189-KG7	Pentium 4 2.66GHz/533MHz 512KB	512MB	80GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-KG8	Pentium 4 2.66GHz/533MHz 512KB	512MB	80GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-KG9	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-KGA	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	DOS License
Other features: POV						
8189-KGB	Pentium 4 2.6GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	16x DVD- ROM	10/100	Windows XP Professional
Other features: Common key cover lock						
8189-KGC	Pentium 4 2.6GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
Other features: Common key cover lock						
8189-KGD	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Home
Other features: Optical ScrollPoint 800DPI mouse						
8189-KGE	Pentium 4 2.6GHz/800MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-KGF	Pentium 4 2.6GHz/800MHz 512KB	256MB	80GB 7200RPM S-ATA	48x CD-ROM	10/100	Windows XP Professional
8189-KGG	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	16x DVD- ROM	10/100	Windows XP Home
8189-KGH	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Home
8189-KGJ	Pentium 4 2.8GHz/533MHz 512KB	1GB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
Other features: POV						
8189-KGL	Pentium 4 3.0GHz/800MHz 512KB	1GB	120GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional

	Other features: POV					
8189-KGM	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows 2000
	Other features: POV					
8189-KGN	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Professional
	Other features: POV					
8189-KGP	Pentium 4 2.8GHz/800MHz 512KB	512MB	80GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Professional
	Other features: POV					
8189-KGQ	Pentium 4 2.80GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Home
	Other features: POV, DVI-D connector adapter ATX, and shipped without a keyboard					
8189-KGR	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Home
8189-KGT	Celeron 2.0GHz/400MHz 128KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-KGU	Pentium 4 2.4GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Home
8189-KGV	Pentium 4 2.4GHz/533MHz 512KB	512MB	80GB 7200RPM	48x CD-ROM	10/100	Windows XP Home
8189-KGW	Pentium 4 2.4GHz/533MHz 512KB	512MB	80GB 7200RPM	16x DVD-ROM	10/100	Windows XP Home
8189-KGY	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	None	10/100/1000	DOS License
	Other features: POV, no keyboard, second serial port					
8189-KGZ	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Home
	Other features: POV, DVI-D video connector					
8189-KHG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-KJG	Pentium 4 3.06GHz/533MHz 512KB	1024MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Custom Windows 2000
	Other features: POV, DVI-D video connector , Windows XP Professional License					
8189-KKG	Celeron 2.4GHz/400MHz 128KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: Optical ScrollPoint mouse, and Rapid Access IIIe keyboard					
8189-	Celeron	512MB	40GB	48x24x48x16x	10/100	Windows XP

KLG	2.4GHz/400MHz 128KB		7200RPM	CD-RW/DVD combo		Professional
	Other features: Optical ScrollPoint mouse, and Rapid Access IIIe keyboard					
8189-KMG	Pentium 4 3.06GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: Optical ScrollPoint mouse, and Rapid Access IIIe keyboard					
8189-KNG	Pentium 4 3.06GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
	Other features: POV, Optical ScrollPoint mouse					
8189-KPG	Pentium 4 3.00GHz/800MHz 512KB	256MB	80GB 7200RPM S-ATA	16x DVD- ROM, 48x24x48x CD-RW	10/100	DOS license
	Other features: POV					
8189-KQG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: POV, system cover lock assembly, daughter card, and C2 switch					
8189-KRG	Pentium 4 3.0GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	16x DVD- ROM	10/100	Windows XP Professional
	Other features: POV					
8189-KSG	Pentium 4 3.0GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	16x DVD- ROM	10/100	Windows XP Professional
	Other features: POV					
8189-KTG	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	None	10/100/1000	DOS license
8189-KVG	Pentium 4 3.0GHz/800MHz 512KB	512MB	40GB 5400RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Home
	Other features: 2 button sleek mouse, no diskette drive					
8189-KWG	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XPHome
	Other features: Optical ScrollPoint mouse					
8189-KYG	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
	Other features: Optical ScrollPoint mouse					
8189-KZG	Pentium 4 2.66GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-L1G	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: 56K data/fax soft modem, single serial port adapter					
8189-	Pentium 4	512MB	40GB	16x DVD-	10/100	DOS license

L2G	2.66GHz/533MHz 512KB		7200RPM	ROM		
	Other features: Optical ScrollPoint 800 dpi mouse					
8189-L3G	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x CD-RW	10/100	DOS license
	Other features: Optical ScrollPoint 800 dpi mouse					
8189-L4G	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: Optical ScrollPoint 800 dpi mouse, <u>POV</u>					
8189-L5G	Pentium 4 2.8GHz/800MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
	Other features: Optical ScrollPoint 800 dpi mouse, <u>POV</u>					
8189-L6G	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Professional
8189-L7G	Pentium 4 2.66GHz/533MHz 512KB	1GB	40GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Professional
8189-L8G	Pentium 4 2.8GHz/533MHz 1MB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Home
	Other features: DVI-D connection adapter					
8189-L9G	Pentium 4 3.0GHz/800MHz 1.0MB	512MB	80GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-LAG	Pentium 4 2.6GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
8189-LBG	Celeron 2.4GHz/400MHz 128KB	256MB	2x 40GB 7200RPM	48x CD-ROM	10/100	Custom Windows XP Professional
	Other features: Intel Pro/100s Desktop Adapter					
8189-LCG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-LDG	Pentium 4 2.66GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	DOS license
8189-LEG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW	10/100	Windows XP Professional
8189-LFG	Pentium 4 3.06GHz/533MHz 512KB	512MB	80GB 7200RPM	None	10/100	Windows XP Professional
8189-LG1	Pentium 4 3.06GHz/533MHz 512KB	256MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-LG2	Pentium 4 2.8GHz/533MHz	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional

	512KB					
	Other features: IEEE-1394 Firewire adapter					
8189-LG3	Pentium 4 2.66GHz/533MHz 512KB	1GB	80GB 7200RPM S-ATA	16x DVD-ROM, 48x24x48x CD-RW	10/100	Windows XP Professional
	Other features: POV					
8189-LG4	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB7200RPM	16x DVD-ROM	10/100	WindowsXP Professional
	Other features: IEEE-1394 Firewire adapter					
8189-LG5	Pentium 4 2.66GHz/533MHz 512KB	1GB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-LG6	Pentium 4 3.0GHz/800MHz 1MB	1GB	160GB 7200RPM S-ATA	48x32x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
8189-LG7	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	16x DVD-ROM	10/100	DOS License
	Other features: Optical wheel mouse 400dpi					
8189-LG8	Pentium 4 2.8GHz/800MHz 512KB	512MB	80GB 7200RPM	48x32x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
	Other features: POV					
8189-LG9	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
8189-LGA	Pentium 4 3.0GHz/800MHz 512KB	1GB	80GB 7200RPM	48x24x48x CD-RW	10/100	Windows XP Professional
8189-LGB	Pentium 4 2.6GHz/800MHz 512KB	1GB	40GB 7200RPM	None	10/100/1000	Windows XP Professional
	Other features: POV, Rapid Access Keyboard, no diskette drive					
8189-LGC	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	DOS License
	Other features: POV, DVI-D video connector					
8189-LGD	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x24x48x CD-RW	10/100	Windows XP Professional
	Other features: PS/2 wheel mouse					
8189-LGE	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Home
8189-LGF	Pentium 4 2.4GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: Optical wheel mouse (400DPI)					
8189-	Pentium 4	512MB	120GB	16x DVD-	10/100/1000	DOS License

LGH	3.2GHz/800MHz 512KB		7200RPM	ROM		
	Other features: Optical wheel mouse (400DPI)					
8189-LGJ	Pentium 4 2.66GHz/800MHz 512KB	256MB	120GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-LGK	Pentium 4 2.8GHz/533MHz 512KB	1GB	40GB 7200RPM	None	10/100	Windows XP Professional
	Other features: POV, common keylock, and chassis intrusion switch					
8189-LGM	Pentium 4 3.0GHz/800MHz 512KB	1GB	120GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
	Other features: POV					
8189-LGN	Pentium 4 3.0GHz/800MHz 512KB	2.0GB	120GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
	Other features: POV					
8189-LGP	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Professional
	Other features: POV					
8189-LGQ	Pentium 4 2.80GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-LGR	Pentium 4 3.06GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-LGS	Celeron 2.5GHz/400MHz 128KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-LGT	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-LQG	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-LGU	Pentium 4 2.4GHz/533MHz 512KB	1GB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-LGZ	Celeron 2.5GHz/400MHz 128KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-LHG	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x CD-RW	10/100	Windows XP Professional
8189-LJG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Custom Windows XP Professional
8189-LLG	Pentium 4 2.8GHz/533MHz	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD	10/100/1000	Custom Windows XP Professional

	512KB			combo		
	Other features: POV					
8189-LMG	Pentium 4 2.66GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: IEEE 1394 adapter					
8189-LNG	Pentium 4 2.66GHz/533MHz 512KB	1GB	2/80GB 7200RPM	16x DVD- ROM	10/100/1000	DOS License
	Other features: POV, and two 80GB hard drives for a total of 160GB.					
8189-LPG	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-LQG	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-LRG	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-LSG	Pentium 4 3.2GHz/800MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-LTG	Pentium 4 2.6GHz/800MHz 512KB	1024MB	40GB 7200RPM	None	10/100/1000	DOS License
	Other features: POV, and Rapid Access IIIe keyboard					
8189-LVG	Pentium 4 2.6GHz/800MHz 512KB	1024MB	40GB 7200RPM	None	10/100/1000	Windows XP Home
	Other features: POV, and Rapid Access IIIe German black keyboard					
8189-LYG	Pentium 4 2.6GHz/800MHz 512KB	1024MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	DOS License
	Other features: POV, and Rapid Access IIIe German black keyboard					
8189-LZG	Pentium 4 2.8Hz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100/1000	DOS License
8189-M1G	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
	Other features: Optical ScrollPoint 800 DPI mouse					
8189-M2G	Pentium 4 2.6GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	16x DVD- ROM	10/100	Windows XP Professional
	Other features: POV					
8189-M3G	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
	Other features: NetVista full width keyboard					
8189-M4G	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License

	Other features: NetVista full width keyboard					
8189-M5G	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Professional
	Other features: POV and common keylock					
8189-M6G	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: PS/2 wheel mouse					
8189-M7G	Pentium 4 2.8GHz/533MHz 512KB	128MB	80GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Professional
	Other features: PS/2 wheel mouse					
8189-M9G	Pentium 4 2.8GHz/533MHz 512KB	128MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
	Other features: PS/2 wheel mouse					
8189-MAG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Professional
8189-MBG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Professional
8189-MCG	Pentium 4 3.0GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Home
8189-MEG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	DOS License
8189-MFG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-MG1	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows 2000
	Other features: POV, and common keylock					
8189-MG2	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: Optical ScrollPoint 800 DPI mouse					
8189-MG3	Celeron 2.5GHz/400MHz 128KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Home
8189-MG4	Pentium 4 3.0GHz/800MHz 512KB	512MB	80GB 7200RPM	None	10/100/1000	DOS License
	Other features: POV, and additional serial port					
8189-MG5	Pentium 4 3.0GHz/800MHz 512KB	1GB	80GB 7200RPM	None	10/100/1000	DOS License
	Other features: POV, and additional serial port					
8189-	Pentium 4	512MB	120GB	48x24x48x16x	10/100/1000	Windows XP

MG6	3.0GHz/800MHz 512KB		7200RPM	CD-RW/DVD combo		Professional
	Other features: POV					
8189-MG7	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
	Other features: Common lock assembly					
8189-MG8	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-MG9	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-MGC	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
	Other features: External speakers assembly					
8189-MGD	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: External speakers					
8189-MGG	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-MGK	Pentium 4 2.53GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: IEEE 1394 adapter					
8189-MGL	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-MGP	Pentium 4 3.0GHz/800MHz 512KB	512MB	160GB 7200RPM S-ATA	Multiburner DVD	10/100	Windows XP Professional
	Other features: POV, Optical ScrollPoint 800 DPI mouse, NetVista full width keyboard					
8189-MGQ	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-MGS	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
	Other features: NetVista full width keyboard					
8189-MGW	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
	Other features: POV					
8189-MGY	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
	Other features: POV					
8189-MHG	Pentium 4 3.06GHz/533MHz	512MB	80GB 7200RPM	Multiburner	10/100	Windows XP Professional

	512KB					
8189-MJG	Pentium 4 3.06GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-MKG	Pentium 4 3.2GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	DOS License
	Other features: POV, and 2 way power splitter cable					
8189-MLG	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	None	10/100	Windows XP Professional
8189-MMG	Pentium 4 3.0GHz/800MHz 512KB	1024MB	40GB 7200RPM	None	10/100/1000	DOS License
	Other features: POV with common lock					
8189-MNG	Pentium 4 2.8GHz/800MHz 512KB	1024MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
	Other features: POV with common lock					
8189-MPG	Pentium 4 2.8GHz/800MHz 512KB	1024MB	40GB 7200RPM	None	10/100/1000	DOS License
	Other features: POV with common lock					
8189-MQG	Pentium 4 3.0GHz/800MHz 512KB	1024MB	40GB 7200RPM	None	10/100/1000	Windows XP Professional
	Other features: POV with common lock					
8189-MRG	Pentium 4 2.8GHz/800MHz 512KB	1024MB	40GB 7200RPM	None	10/100/1000	Windows XP Professional
	Other features: POV					
8189-MSG	Pentium 4 2.8GHz/800MHz 512KB	1024MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	DOS License
	Other features: POV					
8189-MTG	Pentium 4 3.0GHz/800MHz 512KB	1024MB	40GB 7200RPM	None	10/100/1000	Windows XP Professional
	Other features: POV					
8189-MUG	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Custom Windows NT 4.0
	Other features: POV, Windows XP Professional license, PS/2 Wheel mouse					
8189-MVG	Pentium 4 3.0GHz/800MHz 512KB	1024MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	DOS License
	Other features: POV					
8189-MWG	Pentium 4 2.8GHz/800MHz 512KB	512MB	2x40GB 7200RPM (80GB total)	16x DVD- ROM	10/100/1000	Windows XP Professional
	Other features: POV					

8189-MYG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-MZG	Pentium 4 2.8GHz/533MHz 512KB	1GB	40GB 7200RPM	None	10/100	Windows XP Professional
Other features: Chassis intrusion switch, system cover lock						
8189-N1G	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
Other features: IEEE 1394 adapter						
8189-N2G	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
Other features: POV						
8189-N3G	Pentium 4 3.0GHz/800MHz 512KB	1GB	80GB 7200RPM S-ATA	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
Other features: POV						
8189-N4G	Pentium 43.06GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-N5G	Celeron 2.5GHz/400MHz 128KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-N6G	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	None	10/100	Windows XP Professional
Other features: Optical ScrollPoint 800dpi mouse						
8189-N7G	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-N8G	Pentium 4 3.0GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
Other features: POV						
8189-N9G	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-NCG	Celeron 2.6GHz/400MHz 128KB	512MB	80GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
Other features: PS/2 NetVista Fullwidth keyboard assembly with Palm rest, white German						
8189-NG2	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x CD-RW	10/100	Windows XP Professional
8189-NG9	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	None	10/100	Windows XP Home
8189-NAG	Pentium 4 2.6GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	16x DVD- ROM	10/100	Windows XP Professional

	Other features: Optical ScrollPoint 400 DPI mouse					
8189-NBG	Pentium 4 2.6GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: Optical ScrollPoint 400 DPI mouse					
8189-NCG	Celeron 2.6GHz/400MHz 128KB	512MB	80GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
	Other features: Optical ScrollPoint 400 DPI mouse, NetVista full width keyboard					
8189-NDG	Celeron 2.4GHz/400MHz 128KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-NEG	Celeron 2.4GHz/400MHz 128KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-NFG	Pentium 4 3.0GHz/800MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
8189-NGA	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows 2000
	Other features: POV					
8189-NGB	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	48x24x48x CD-RW	10/100/1000	Windows XP Professional
	Other features: POV					
8189-NGE	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-NGF	Pentium 4 2.53GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows 2000
8189-NGG	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
	Other features: POV					
8189-NGL	Pentium 4 2.6GHz/800MHz 512KB	512MB	80GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-NGM	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
8189-NGN	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	None	10/100/1000	Windows XP Professional
	Other features: POV, and shipped without keyboard or mouse					
8189-NGP	Pentium 4 2.8GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	48x CD-ROM	10/100/1000	Windows XP Professional
	Other features: POV, and additional serial port					
8189-NGQ	Celeron 2.2GHz/400MHz	512MB	80GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional

	128KB		S-ATA			
	Other features: POV, additional serial port					
8189-NGR	Pentium 4 2.80GHz/800MHz 512KB	512MB	40GB 7200RPM	None	10/100/1000	DOSLicense
	Other features: POV, and shipped without keyboard or mouse					
8189-NGS	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	None	10/100	Windows XP Professional
8189-NGT	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
	Other features: POV, and common keylock					
8189-NGU	Pentium 4 2.53GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x CD-RW	10/100	Windows XP Professional
8189-NGV	Pentium 4 2.66GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Home
8189-NGZ	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-NHG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	None	10/100	Windows XP Professional
	Other features: Optical ScrollPoint 800dpi mouse, Preferred pro keyboard (Russian443)					
8189-NJG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: Additional serial port					
8189-NPG	Pentium 4 2.8GHz/800MHz 512KB	512GB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
	Other features: POV, additional serial port and DVI-D video connector					
8189-NQG	Pentium 4 3.06GHz/800MHz 512KB	512GB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-NRG	Celeron 2.4GHz/400MHz 128KB	256GB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-NSG	Pentium 4 3.2GHz/800MHz 512KB	2048GB	2x 160GB 7200RPM S-ATA	Multiburner	10/100/1000	Windows XP Home
	Other features: Optical wheel mouse, Rapid Access IIIe keyboard Italian					
8189-NTG	Celeron 2.6GHz/400MHz 128KB	256GB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-NVG	Pentium 4 2.8GHz/533MHz 512KB	512GB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-NWG	Pentium 4 2.8GHz/800MHz	512MB	2x 40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional

	512KB					
	Other features: POV, additional serial port					
8189-NZG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x32x48x CD-RW/	10/100	Windows XP Professional
8189-P1G	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
	Other features: POV, additional serial port					
8189-P2G	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x24x48x CD-RW	10/100	DOS License
8189-P3G	Pentium 4 3.2GHz/800MHz 512KB	1.0GB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-P4G	Pentium 4 2.8GHz/533MHz 1MB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-P5G	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	DOS License
	Other features: POV					
8189-P6G	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
	Other features: POV					
8189-P7G	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-P8G	Pentium 4 3.0GHz/800MHz 1.0MB	1.0GB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
	Other features: Optical ScrollPoint mouse					
8189-P9G	Pentium 4 3.0GHz/800MHz 512KB	1.0GB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
	Other features: POV					
8189-PBG	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-PCG	Pentium 4 3.2GHz/800MHz 512KB	256MB	80GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Professional
	Other features: Additional serial port					
8189-PDG	Pentium 4 2.8GHz/800MHz 512KB	256MB	80GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Home
	Other features: 56K modem					
8189-PEG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-	Pentium 4	1GB	40GB	16x DVD-	10/100	Windows XP

PG1	2.66GHz/533MHz 512KB		7200RPM	ROM		Professional
8189-PG2	Celeron 2.2GHz/400MHz 128KB	256GB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-PG3	Pentium 4 3.0GHz/800MHz 512KB	512MB	120GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
Other features: POV, and Sleek mouse						
8189-PG4	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	DOS License
Other features: POV						
8189-PG5	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	None	10/100	DOS License
Other features: POV, and no keyboard						
8189-PG6	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-PG7	Pentium 4 3.0GHz/800MHz 512KB	2.0GB	120GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
Other features: POV						
8189-PG8	Pentium 4 2.6GHz/800MHz 512KB	512MB	80GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-PG9	Pentium4 3.0GHz/800MHz 512KB	2.0GB	120GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
Other features: POV						
8189-PGA	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-PGB	Pentium 4 2.66GHz/533MHz 512KB	512MB	80GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-PGD	Pentium 4 3.0GHz/800MHz 512KB	256MB	80GB 7200RPM	48x32x48x CD-RW	10/100/1000	Windows XP Professional
Other features: POV						
8189-PGE	Pentium 4 3.06GHz/533MHz 512KB	512MB	80GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Professional
8189-PGG	Pentium 4 3.0GHz/800MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
Other features: POV						
8189-PGK	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-	Pentium 4	256MB	40GB	48x CD-ROM	10/100	DOS License

PGL	2.8GHz/533MHz 512KB		7200RPM			
8189-PGM	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	None	10/100	Windows XP Home
8189-PGN	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: POV, PS/2 Wheel mouse					
8189-PGP	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Home
8189-PGQ	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-PGR	Pentium 4 2.66GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: POV					
8189-PGS	Pentium 4 2.8GHz/800MHz 512KB	1GB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
8189-PGW	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Home
	Other features: V.90 56K PCI modem					
8189-PGY	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Custom Windows 2000
8189-PGZ	Pentium 4 2.66GHz/533MHz 512KB	512MB	80GB 7200RPM	16x DVD-ROM	10/100/1000	DOS License
	Other features: POV					
8189-PHG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-PJG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-PKG	Pentium 4 2.8GHz/533MHz 512KB	1GB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-PLG	Pentium 4 2.66GHz/533MHz 512KB	1GB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-PMG	Pentium 4 2.8GHz/800MHz 1MB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: POV, Primax Optical 800dpi mouse (black)					
8189-PNG	Pentium 4 3.2GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	DOS License

	Other features: POV					
8189-PPG	Pentium 4 2.8GHz/800MHz 1MB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: POV, second serial port					
8189-PQG	Pentium 4 2.6GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: Optical 400 DPI wheel mouse, common cover keylock					
8189-PRG	Pentium 4 2.8GHz/800MHz 1MB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
	Other features: POV					
8189-PSG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
	Other features: Optical ScrollPoint 800dpi mouse					
8189-PTG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	DOS License
8189-PVG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100	Windows XP Professional
8189-PWG	Pentium 4 3.0GHz/800MHz 1MB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
8189-PYG	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Home
	Other features: POV					
8189-PZG	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	WindowsXPProfessiona
8189-Q11	Pentium 4 2.80GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional
8189-Q1G	Pentium 4 2.80GHz/533MHz 512KB	512MB	120GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-Q2G	Pentium 4 2.80GHz/800MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
	Other features: POV					
8189-Q3G	Pentium 4 3.2GHz/800MHz 512KB	1GB	80GB 7200RPM S-ATA	16x DVD- ROM	10/100/1000	Windows XP Professional
8189-Q4G	Pentium 4 2.80GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	DOS License
	Other features: POV					
8189-Q5G	Pentium 4 2.8GHz/800MHz	512MB	40GB 7200RPM	16x DVD- ROM	10/100/1000	Windows XP Professional

	512KB					
	Other features: POV , and PS/2 NetVista Fullwidth keyboard assembly with palm rest					
8189-Q6G	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	DOS license
	Other features: POV					
8189-Q7G	Pentium 4 2.8GHz/533MHz 512KB	1GB	40GB 7200RPM	48x CD-ROM	10/100	DOS license
8189-Q8G	Pentium 4 3.06GHz/533MHz 512KB	1GB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-Q9G	Pentium 4 3.06GHz/533MHz 512KB	1GB	40GB 7200RPM	48x CD-ROM	10/100	DOS license
8189-QBG	Celeron 2.4GHz/400MHz 128KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-QCG	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-QDG	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-QEG	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	None	10/100	Windows XP Professional
8189-QFG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Home
8189-QG1	Pentium 4 2.66GHz/533MHz 512KB	1GB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: Additional serial port cable					
8189-QG3	Pentium 4 2.66GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-QG4	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-QG5	Celeron 2.4GHz/533MHz 128KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-QG6	Celeron 2.2GHz/400MHz 128KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: POV					
8189-QG7	Pentium 4 2.66GHz/533MHz 512KB	512GB	40GB 7200RPM	None	10/100	Windows XP Professional
	Other features: POV					
8189-	Pentium 4	256MB	2-40GB	16x DVD-	10/100/1000	Windows XP

QG9	2.53GHz/533MHz 512KB		7200RPM	ROM, 48x24x48x CD-RW		Professional
8189-QGA	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-QGD	Pentium 4 2.66GHz/533MHz 512KB	1GB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Home
8189-QGE	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Custom Windows XP Professional
Other features: POV						
8189-QGF	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Custom Windows XP Professional
Other features: POV						
8189-QGG	Pentium 4 2.8GHz/533MHz 1MB	512MB	2x 80GB 7200RPM	Multi-burner	10/100	Windows XP Professional
8189-QGH	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
Other features: Optical ScrollPoint 800dpi mouse						
8189-QGJ	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
Other features: Additional serial port						
8189-QGL	Celeron 2.2GHz/400MHz 128KB	128MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-QGM	Pentium 4 2.66GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x CD-RW	10/100	Windows XP Professional
Other features: POV						
8189-QGN	Celeron 2.2GHz/400MHz 128KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-QGV	Pentium 4 3.0GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	DOS License
Other features: POV						
8189-QGY	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-QHG	Pentium 4 3.0GHz/800MHz 512KB	1.0GB	80GB 7200RPM S-ATA	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
Other features: POV						
8189-QJG	Celeron 2.5GHz/400MHz 128KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional

8189-QKG	Pentium 4 3.06GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-QLG	Pentium 4 3.0GHz/533MHz 512KB	512MB	80GB 7200RPM	Multiburner	10/100	DOS License
8189-QMG	Pentium 4 2.8GHz/533MHz 1MB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Custom Windows XP Professional
8189-QNG	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Custom Windows XP Professional
8189-QPG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Home
	Other features: Optical ScrollPoint 800dpi mouse					
8189-QQG	Pentium 4 3.06GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-QRG	Celeron 2.5GHz/400MHz 128KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: Rapid Access keyboard IIIe, 64MB memory key, no diskette drive					
8189-QSG	Pentium 4 2.8GHz/533MHz 1MB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: Rapid Access keyboard IIIe, 64MB memory key, no diskette drive					
8189-QTG	Pentium 4 2.8GHz/533MHz 1MB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-QUG	Pentium 4 2.8GHz/533MHz 1MB	256MB	40GB 7200RPM	None	10/100	Windows XP Home
8189-QVG	Pentium 4 2.8GHz/800MHz 512KB	512MB	80GB 7200RPM S-ATA	48x CD-ROM	10/100/1000	Windows XP Professional
8189-QWG	Pentium 4 3.0GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Professional
8189-QYG	Pentium 4 3.2GHz/800MHz 512KB	1GB	40GB 7200RPM	16x DVD-ROM	10/100/1000	Windows XP Professional
8189-QZG	Celeron 2.4GHz/400MHz 128KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Otherfeatures: Optical ScrollPoint 800dpi mouse					
8189-RAG	Pentium 4 3.06GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-RBG	Pentium 4 2.8GHz/533MHz 512KB	1GB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-	Pentium 4	256MB	40GB	16x DVD-	10/100	Windows XP

RCG	2.66GHz/533MHz 512KB		7200RPM	ROM		Professional
8189-RDG	Pentium 4 2.80GHz/533MHz 512KB	512MB	40GB 7200RPM	Multiburner	10/100	Windows XP Professional
8189-REG	Pentium 4 2.80GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-RFG	Pentium 4 2.80GHz/533MHz 512KB	512MB	40GB 7200RPM	Multiburner	10/100	Windows XP Professional
8189-RG1	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	None	10/100	DOS License
Other features: Ships without keyboard						
8189-RG2	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-RG3	Pentium 4 3.0GHz/800MHz 512KB	1GB	120GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Custom Windows XP Professional
Other features: <u>POV</u>						
8189-RG4	Pentium 4 3.0GHz/800MHz 512KB	2.0GB	120GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Custom Windows XP Professional
Other features: <u>POV</u>						
8189-RG5	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
Other features: DVI-D video connector						
8189-RG6	Pentium 4 2.66GHz/533MHz 512KB	512MB	80GB7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
8189-RG7	Pentium 4 2.66GHz/533MHz 512KB	512MB	80GB 7200RPM	48x CD-ROM	10/100/1000	Windows XP Professional
Other features: <u>POV</u>						
8189-RG8	Pentium 4 2.8GHz/800MHz 512KB	512MB	80GB 7200RPM	48x CD-ROM	10/100/1000	Windows XP Professional
Other features: <u>POV</u>						
8189-RG9	Pentium 4 2.80GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows 2000
Other features: <u>POV</u>						
8189-RGA	Pentium 4 2.8GHz/800MHz 512KB	1GB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Windows XP Professional
Other features: <u>POV</u>						
8189-RGC	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	48x24x48x CD-RW	10/100	Windows XPProfessional

	Other features: Optical wheel mouse					
8189-RGD	Pentium4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-RGE	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: POV					
8189-RGF	Pentium 4 2.53GHz/533MHz 512KB	512MB	80GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: IEEE1394 adapter					
8189-RGG	Pentium 4 2.66GHz/533MHz 512KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: PS/2 NetVista Fullwidth keyboard					
8189-RGH	Celeron 2.4GHz/400MHz 128KB	512MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
8189-RGK	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-RGQ	Pentium 4 3.0GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100/1000	Windows XP Professional
	Other features: POV					
8189-RGR	Pentium 4 3.2GHz/800MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100/1000	Windows XP Professional
	Other features: POV					
8189-RGS	Pentium 4 3.0GHz/800MHz 512KB	512MB	160GB 7200RPM	Multi-burner	10/100	Windows XP Professional
	Other features: PS/2 NetVista Fullwidth keyboard, Optical ScrollPoint mouse, POV, and additional					
8189-RGT	Pentium 4 2.80GHz/533MHz 512KB	512MB	160GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: Optical ScrollPoint mouse					
8189-RGU	Pentium 4 2.66GHz/533MHz 512KB	1GB	2/80GB 7200RPM	48x32x48x CD-RW	10/100	Windows XP Professional
8189-RGV	Celeron 2.6GHz/400MHz 128KB	512MB	80GB 7200RPM	16x DVD-ROM	10/100	DOS License
	Other features: PS/2 NetVista Fullwidth keyboard assembly with Palm rest (white), Optical ScrollP					
8189-RGY	Pentium 4 2.8GHz/533MHz 1MB	512MB	80GB 7200RPM	Multi-burner Plus 4x	10/100	DOS License
	Other features: Enhanced Performance keyboard					
8189-RGZ	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License

8189-RHG	Pentium 4 2.8GHz/533MHz 512KB	512MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
8189-RJG	Pentium 4 2.66GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	DOS License
	Other features: PS/2 wheel mouse					
8189-RKG	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: PS/2 wheel mouse					
8189-RLG	Pentium 4 2.8GHz/800MHz 512KB	512MB	40GB 7200RPM	48x24x48x16x CD-RW/DVD combo	10/100/1000	Custom Windows XP Professional
8189-W8L	Pentium 4 2.8GHz/533MHz 512KB	128MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: Rapid Access IIIe keyboard, and sleek mouse - black					
8189-W8U	Pentium 4 2.8GHz/533MHz 512KB	256MB	80GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: Rapid Access IIIe keyboard, and sleek mouse - black					
8189-W8W	Pentium 4 2.8GHz/800MHz 1MB	256MB	80GB 7200RPM	48x32x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: Rapid Access IIIe keyboard, chassis intrusion switch, system cover lock assembly, a					
8189-W8X	Pentium 4 2.8GHz/533MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: Rapid Access IIIe keyboard, and sleek mouse - black					
8189-W9R	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
8189-W9Z	Pentium 4 3.06GHz/533MHz 512KB	256MB	40GB 7200RPM	16x DVD-ROM	10/100	Windows XP Professional
	Other features: Sleek mouse - black					
8189-WAA	Pentium 4 2.8GHz/800MHz 512KB	256MB	40GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional
	Other features: Sleek mouse, Rapid Access IIIe keyboard (Italian)					
8189-WAG	Pentium 4 2.8GHz/533MHz 512KB	512MB	80GB 7200RPM	48x32x48x16x CD-RW/DVD combo	10/100	Windows XP Professional
	Other features: Wheelmouse, Preferred Pro full size keyboard					
8189-WAH	Pentium 4 2.8GHz/800MHz 1MB	512MB	80GB 7200RPM	48x32x48x16x CD-RW/DVD combo, 48x CD-ROM	10/100/1000	Windows XP Professional
	Other features: Sleek mouse, Rapid Access IIIe keyboard, external speakers					
8189-WAG	Pentium 4 2.8GHz/800MHz	512MB	80GB 7200RPM	48x CD-ROM	10/100	Windows XP Professional

512KB					
Other features: Wheelmouse, Preferred Pro full size keyboard					

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Video adapters	Maximum supported resolutions
Integrated Intel Extreme Graphics 2 • 15-pin VGA output on planar • Uses Intel Dynamic Video Memory Technology (DVMT) • 32-bit Z-buffer depth • 300MHz DAC For models without a separate video card, memory supports both system and video.	640 x 480, 16M colors (60, 72, 75, 85, 100, 120 Hz) 800 x 600, 16M colors (60, 72, 75, 85, 100, 120 Hz) 1024 x 768, 16M colors (60, 70, 75, 85, 100, 120 Hz) 1152 x 864, 16M colors (60, 75, 85, 100 Hz) 1280 x 720, 16M colors (60, 75, 85, 100, 120 Hz) 1280 x 768, 16M colors (60, 75, 85 Hz) 1280 x 960, 16M colors (60, 75, 85 Hz) 1280 x 1024, 16M colors (60, 75, 85, 100Hz) 1400 x 1050, 16M colors (60, 75, 85 Hz) 1600 x 900, 16M colors (60, 75, 85, 100 Hz) 1600 x 1200, 16M colors (60, 75, 85 Hz) 1856 x 1393, 16M colors (60 Hz) 1920 x 1080, 16M colors (60, 75 Hz) 1920 x 1200, 16M colors (60 Hz)
ATI Radeon 7000 64MB (VGA) 4X AGP • AGP 2.0 compliant • 15-pin VGA output • 64M DDR SGRAM • 32-bit color rendering, high performance	640 x 480, 16M colors (60, 72, 75, 85Hz) 800 x 600, 16M colors (60, 72, 75, 85 Hz) 1024 x 768, 16M colors (60, 70, 75, 85 Hz) 1152 x 864, 16M colors (60, 70, 75, 85 Hz) 1280 x 1024, 16M colors (60, 75, 85 Hz) 1600 x 1200, 16M colors (60, 65, 70, 75, 80, 85 Hz)

ATI Radeon 9200 AGP 8x • 64MB DDR SGRAM • Charisma engine • 300MHz DAC • 4-matrix skinning • Keframe animation • Pixel tapestry architecture • 32-bit Z-bufferdepth • 15-pin VGA output • S-video output	640 x 480, 16M colors (200 Hz) 800 x 600, 16M colors (200 Hz) 1024 x 768, 16M colors (200 Hz) 1280 x 1024, 16M colors (120 Hz) 1600 x 1200, 16M colors (100 Hz) 1920 x 1440, 16M colors (85 Hz) 2048 x 1536, 64K colors (60 Hz)
ATI Radeon 9600 AGP 8x • 64MB DDR SGRAM • Charisma engine • 300MHz DAC • 4-matrix skinning • Keframe animation • Pixel tapestry architecture • 32-bit Z-buffer depth • 128MB DDR SGRAM • 15-pin VGA output • S-video output • DVI output	640 x 400, 16M colors (60, 75 Hz) 640 x 480, 16M colors (60, 72, 75, 85, 90, 100, 120, 160, 200 Hz) 800 x 600, 16M colors (60, 70, 72, 75, 85, 90, 100, 120, 160, 200 Hz) 1024 x 768, 16M colors (60, 70, 72, 75, 85, 90, 85, 90, 100, 120, 150, 160, 200 Hz) 1152 x 864, 16M colors (60, 70, 75, 85, 100 Hz) 1280 x 1024, 16M colors (60, 70, 75, 85, 90, 100, 120, 160 Hz) 1600 x 1200, 16M colors (60, 75, 85, 100, 120 Hz) 1792 x 1344, 16M colors (60, 75, 90 Hz) 1800 x 1440, 16M colors (60, 70, 90 Hz) 1920 x 1080, 16M colors (60, 75, 100 Hz) 1920 x 1200, 16M colors (60, 75, 85, 100 Hz) 1920 x 1440, 16M colors (60, 75, 85 Hz) 2048 x 1536, 16M colors (60, 66, 70, 75, 85 Hz)
nVidia Quadro4 580XGL 64MB AGP 8x • NVIDIA NV18LT video chip • 64 MB of 275 MHz DDR SDRAM • Dual 350 MHz RAMDACs integrated into the video chip • Hardware overlay planes • Hardware antialiased lines • Flashable video BIOS • Optimized and certified for OpenGL 1.3 and DirectX 8	320 x 200, 16M colors (60, 70, 75Hz) 320 x 240, 16M colors (60, 70, 75Hz) 400 x 300, 16M colors (60, 70, 75Hz) 480 x 360, 16M colors (60, 70, 75Hz) 512 x 384, 16M colors

applications	(60, 70, 75Hz)
• NVIDIA nView display technology allows a single AGP adapter to independently support any two of the following displays: analog CRT monitor, digital CRT monitor, analog flat panel, or digital flat panel.	640 x 400, 16M colors (60, 70, 72, 75, 85, 100, 120Hz)
• 128-bit, 275 MHz DDR SDRAM interface	640 x 480, 16M colors (60, 70, 75, 85, 100, 120Hz)
• 350 MHz internal RAMDAC supporting a primary display resolution up to 2048 x 1536	800 x 600, 16M colors (60, 70, 72, 75, 85, 100, 120Hz)
• AGP 8x support with fast writes and side-band addressing	1024 x 768, 16M colors (60, 70, 72, 75, 85, 100, 120Hz)
• High analog resolution support up to 2048 x 1536 in single-monitor mode; 2048 x 1536 on each monitor in dual-monitor mode	1152 x 864, 16M colors (60, 70, 72, 75, 85, 100, 120Hz)
• Supported 3D APIs: OpenGL and DirectX 3D rendering engine for full-featured 3D at 2048 x 1536 in 32-bit color	1280 x 960, 16M colors (60, 70, 75, 85, 100, 120Hz)
• AGP 2.0, VESA VBE V2.0, and DDC2B compliance	1280 x 1024, 16M colors (60, 70, 72, 75, 85, 100, 120Hz)
• DPMS	1600 x 900, 64k colors (60, 70, 75, 85, 100Hz)
	1600 x 900, 16M colors (60, 70, 75, 85Hz)
	1600 x 1200, 64k colors (60, 70, 72, 75, 85, 100, 120Hz)
	1600 x 1200, 16M colors (60, 70, 72, 75, 85, 100Hz)
	1792 x 1344, 16M colors (60, 75Hz)
	1856 x 1392, 16M colors (60, 75Hz)
	1920 x 1080, 64k colors (60, 70, 72, 75, 85, 100Hz)
	1920 x 1080, 16M colors (60, 70, 72, 75, 85Hz)
	1920 x 1200, 64k colors (60, 70, 72, 75, 85, 100Hz)
	1920 x 1200, 16M colors (60, 70, 72, 75, 85Hz)
	1920 x 1440, 64k colors (60, 70, 72, 75, 85Hz)
	1920 x 1440, 16M colors (60, 70, 72, 75Hz)
	2048 x 1536, 64k colors (60, 70, 72, 75Hz)
	2048 x 1536, 16M

	colors (60Hz)
nVidia GeForce4 MX440 AGP 8x • 64MB DDR SDRAM • 350MHz DAC • 15-pin VGA output • 32-bit Z-buffer depth	640 x 480, 16M colors (60, 70, 75, 85, 100, 120 Hz) 800 x 600, 16M colors (60, 70, 72, 75, 85, 100, 120 Hz) 1024 x 768, 16M colors (60, 70, 72, 75, 85, 100, 120 Hz) 1152 x 864, 16M colors (60, 70, 72, 75, 85, 100, 120 Hz) 1280 x 1024, 16M colors (60, 70, 72, 75, 85, 100, 120 Hz) 1600 x 1200, 16M colors (60, 70, 72, 75, 85, 100 Hz) 1920 x 1440, 16M colors (60Hz) 2048 x 1536, 64K colors (60 Hz)
nVidia Quadro4 200NVS VGA or DVI-I Dual Head Graphics Adapter • 60-pin Low Force Helix (LFH) connector • 64MB SDR • Memory Clock: 166 MHz • Interface: 128 bit - Eight pieces of 4M x 16 SDR package memories • Analog Display Support ○ Dual 350 MHz internal RAMDAC ○ Primary and secondary display maximum resolution/refresh: 2048 x 1536 x 32 bpp at 75 Hz • Digital Display Support ○ Integrated Transition Minimized Differential Signaling (TMDS) (DVI 1.0) ○ Maximum resolution over digital port: 1280 x 1024 at 60 Hz	320 x 200, 16M colors (60, 70, 75Hz) 320x 240, 16M colors (60, 70, 75Hz) 400 x 300, 16M colors (60, 70, 75Hz) 480 x 360, 16M colors (60, 70, 75Hz) 512 x 384, 16M colors (60, 70, 75Hz) 640 x 400, 16M colors (60, 70, 72, 75, 85, 100, 120Hz) 640 x 480, 16M colors (60, 70, 75, 85, 100, 120Hz) 800 x 600, 16M colors (60, 70, 72, 75, 85, 100, 120 Hz) 1024 x 768, 16M colors (60, 70, 72, 75, 85, 100, 120Hz) 1152 x 864, 16M colors (60, 70, 72, 75, 85, 100, 120Hz) 1280 x 960, 16M colors (60, 70, 75, 85, 100, 120Hz) 1280 x 1024, 16M colors (60, 70, 72, 75, 85, 100Hz) 1600 x 900, 64k colors (60, 70, 75, 85, 100Hz) 1600 x 900, 16M colors (60, 70,

	75,85Hz) 1600 x 1200, 64k colors (60, 70, 72, 75, 85, 100Hz) 1600 x 1200, 16M colors (60, 70, 72, 75, 85Hz) 1792 x 1344, 16M colors (60, 75Hz) 1856 x 1392, 16M colors (60, 75Hz) 1920 x 1080, 64k colors (60, 70, 72, 75, 85, 100Hz) 1920 x1080, 16M colors (60, 70, 72, 75Hz) 1920 x 1200, 64kcolors (60, 70, 72, 75, 85Hz) 1920 x 1200, 16M colors (60, 70Hz) 1920 x 1440, 64k colors (60, 70, 72, 75Hz) 1920 x 1440, 16M colors (60Hz) 2048 x 1536, 64k colors (60Hz) 2048 x 1536, 16M colors (60, 75Hz)
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Frequently accessed documents	
Device driver matrix	Hardware Maintenance Manual
Service parts listings	User Guides
Software CD part numbers	Removals and replacements index
Announcement letter (models B5G, D3G, D6G, D9G, E1G, E3G, E5G, E7G, EAG, F2G, F4G, and F6G) - ZG03-0345	Removal and installation movie index
Announcement letter (models 73G, 74G, and 7AG) - ZG03-0456	
Announcement letter (models 35G, 3CG, 46G, and 4DG) - ZG04-0189	

Applicable countries and regions

Worldwide

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