

Perfect balance of performance and portability



IBM ThinkPad T30 notebooks



IBM ThinkPad T30
Editors' Choice
PC Magazine (US)
June 2002

Highlights

- **Take pride in this powerful, thin and light notebook with the Mobile Intel® Pentium® 4 Processor-M.**
- **Point comfortably with the new IBM ThinkPad® UltraNav™ multi-pointing system, featuring both a touch pad and TrackPoint® pointing device (select models).**
- **Connect your way with up to four integrated communications choices, including Cisco or Intel-PRO wireless solutions.**
- **Rely on global IBM service and support available in over 160 countries and 22 languages¹.**

Power and mobility

In the office, on the road and anywhere in between, IBM ThinkPad T30 notebooks are the perfect solution for frequent travelers requiring big functionality without a heavy load. The combination of high-resolution 14.1" TFT display and a powerful Mobile Pentium 4 processor with a travel weight starting at just 4.9 lb² proves you don't have to sacrifice performance for portability.

Wireless, your way

Integrated standards-based Cisco Aironet® Wireless 802.11b technology (select models) provides fast, secure connections and integrates easily into your Cisco wireless network.

With Wi-Fi certified³ Cisco 802.11b or integrated Intel-PRO/Wireless LAN technology (select models), you'll enjoy increased signal strength⁴ from the in-display dual antenna. Select models are equipped with a dual antenna for easy upgrades to future wireless technology. Select models also offer integrated Bluetooth™⁵ technology for wireless communication with enabled peripherals.

Protected data

Trust the security provided by the IBM Embedded Security Subsystem 2.0 on select models. This unique solution complies with standards issued by the Trusted Computing Platform Alliance (TCPA) and recognized by more than 180 companies as the computer security benchmark. Plus, pre-loaded Rapid Restore™ PC—a one-button recover and restore solution—further protects data by helping prevent data loss due to software corruption.

Up and running

ThinkPad T30 notebooks are ImageUltra-enabled to help cut costs and simplify management with optional service from IBM. Workhorse and global models are available for stable, long-term deployment.

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to buy direct, locate an IBM reseller or for more information.

IBM ThinkPad T30 features



The ThinkPad advantage

- 1 The ThinkPad Button launches **Access ThinkPad** to simplify access to online⁶ and on-system resources, including Access Connections and the Access Support portal, featuring self-diagnosis and automated service solutions.
- 2 The **IBM Embedded Security Subsystem 2.0** (select models) helps protect data locally and secure communications (requires Client Security Software download and third-party digital certificate, not included).
- 3 **Titanium Composite** top and bottom covers are up to three times stronger than ABS plastic⁷ while maintaining a thin profile and lightweight design. Easy-to-open Smart Latches allow you to open your ThinkPad notebook with one hand.
- 4 Combining a touch pad and fully functional TrackPoint pointing device, the **IBM ThinkPad UltraNav multi-pointing system** (select models) lets you work however you're most comfortable. UltraNav is ergonomically designed based on customer research.
- 5 The unique **IBM ThinkPad HDD Shock Absorber** provides a cushion of air to protect the hard disk drive from the shock of being moved while your ThinkPad notebook is in use.
- 6 **ThinkLight keyboard light**, unique to IBM ThinkPad notebooks, lets you work in low-light conditions.
- 7 **Integrated wireless technology** (select models) has a dual-antenna system built into either side of the display for enhanced signal strength⁴, whether you choose Cisco or Intel Wi-Fi wireless for easy upgrades to future wireless technology.
Integrated Bluetooth technology (select models) lets you connect without cables to enabled peripherals such as printers, cell phones and handhelds.
- 8 **Flexible docking options**—common to ThinkPad X, T, R⁸ and A Series notebooks:
 - ThinkPad Port Replicator—easy cable management
 - ThinkPad Dock—cable management plus simple desktop expansion including an Ultrabay 2000
- 9 **Ultrabay Plus** integrated modular bay supports all optional Ultrabay 2000 devices, including **NEW!** CD-RW/DVD Combo III Ultrabay 2000 drive, diskette drive, ZIP drive or second battery⁹.
- 10 **Rapid Restore PC**—a one-button recover and restore solution—helps protect data and minimize downtime by creating a mirror image of the hard disk drive and restoring it quickly, should the main software image become corrupted.

| IBM ThinkPad T30 specifications | | | | |
|--|--|---|--|--|
| Machine type | 2366 (97U, 96U, 57U, 56U) | 2366 (8AU) | 2366 (89U, 88U, 87U, 86U, C6U) | 2366 (68U, 66U) |
| Processor/Level 2 cache ¹⁰ | NEW! Mobile Intel® Pentium® 4 Processor-M 2GHz ¹¹ /512KB | NEW! Mobile Intel Pentium 4 Processor-M 2GHz/512KB | NEW! Mobile Intel Pentium 4 Processor-M 2GHz/512KB | NEW! Mobile Intel Pentium 4 Processor-M 1.90GHz/512KB |
| Display/resolution | 14.1" TFT SXGA+/1400x1050 | 14.1" TFT XGA/1024x768 | 14.1" TFT XGA/1024x768 | 14.1" TFT XGA/1024x768 |
| Hard disk drive | 60GB ¹² | 40GB high-speed | 40GB high-speed | 20GB |
| Memory (std./max ¹³) | 256MB/1GB PC2100 DDR SDRAM | 256MB/1GB PC2100 DDR SDRAM | 256MB/1GB PC2100 DDR SDRAM | 256MB/1GB PC2100 DDR SDRAM |
| Optical drive | CD-RW/DVD Combo | 8X Max ¹⁴ DVD-ROM | 8X Max DVD-ROM | 8X Max DVD-ROM |
| Video graphics | ATI Mobility RADEON 7500 16MB DDR 4X AGP | ATI Mobility RADEON 7500 16MB DDR 4X AGP | ATI Mobility RADEON 7500 16MB DDR 4X AGP | ATI Mobility RADEON 7500 16MB DDR 4X AGP |
| Integrated communications | 97U, 57U: Bluetooth, Intel Wi-Fi wireless, 56K ¹⁵ modem, 10/100 Ethernet 96U, 56U: 56K modem, 10/100 Ethernet (Wi-Fi wireless upgradable ¹⁶ , built-in antenna) | Cisco 802.11b, 56K modem, 10/100 Ethernet | 89U, 87U: Intel Wi-Fi wireless, 56K modem, 10/100 Ethernet 88U, 86U, C6U: 56K modem, 10/100 Ethernet (Wi-Fi wireless upgradable, built-in antenna) | 56K modem, 10/100 Ethernet (Wi-Fi wireless upgradable, built-in antenna) |
| Li-Ion battery life ¹⁷ | 56U: 3hr 96U: 2.8hr 97U, 57U: 2.5hr | 2.5hr | 89U, 87U: 2.5hr 88U, 86U, C6U: 2.8hr | 2.8hr |
| Ports | 2 USB; serial; parallel; S-video out; Infrared; dock/port replicator; external display; AC adapter, RJ-11, RJ-45; audio: headphone/line-out, external microphone, line-in | | | |
| Slots | 2 Type II or 1 Type III PC Card | 2 Type II or 1 Type III PC Card | 2 Type II or 1 Type III PC Card | 2 Type II or 1 Type III PC Card |
| IBM Embedded Security Subsystem 2.0 | yes | yes | 89U, 87U: yes 88U, 86U, C6U: no | no |
| Titanium Composite covers | top and bottom | top and bottom | top and bottom | top and bottom |
| Keyboard | ergonomic keyboard with palm rest, IBM ThinkPad UltraNav multi-pointing system including touch pad and TrackPoint pointing device with "Press-to-Select" (TrackPoint only: 89U, 88U, 68U), Internet Scroll Bar, intuitive volume control and Access ThinkPad | | | |
| Dimensions ¹⁸ | 12x9.8x1.4" | 12x9.8x1.4" | 12x9.8x1.4" | 12x9.8x1.4" |
| Travel weight ² /with optical drive | 5.1 lb/5.7 lb | 5 lb/5.4 lb | 5 lb/5.4 lb | 4.9 lb/5.3 lb |
| Port Replicator/Dock support | yes/yes | yes/yes | yes/yes | yes/yes |
| Limited warranty ¹⁹ | 3 years/1 year battery | 3 years/1 year battery | 3 years/1 year battery | 3 years/1 year battery |

“... the [IBM ThinkPad] T30 currently shines as the brightest star in the notebook constellation.”

—PC Magazine, Editors' Choice Award, June 2002

| IBM ThinkPad T30 software | |
|---|--|
| Preloaded operating system ²⁰ | Microsoft® Windows® XP Professional: 97U, 96U, 8AU, 89U, 88U, 87U, 86U, C6U, 68U, 66U Windows 2000 Professional: 57U, 56U |
| Supported operating systems ²¹ | Windows XP Professional, Windows XP Home Edition, Windows 2000 Professional, Windows 98 Gold, Windows 98 Second Edition, Windows NT® 4.0 SP6a, OS/2® Warp Convenience Package |
| Included software ²² (preloaded) | <ul style="list-style-type: none"> • Access ThinkPad – Access Connections – Access Help – Access Support • Adobe Acrobat Reader • ConfigSafe (W2000 models only) • IBM Rapid Restore PC • IBM RecordNOW by Veritas (CD-RW models only) • InterVideo WinDVD (DVD models only) • Microsoft Office XP Small Business Edition²³ (C6U only) • PC-Doctor • ThinkPad Utilities • Update Connector™²⁴ |
| (downloadable) | <ul style="list-style-type: none"> • Client Security Software (Embedded Security Subsystem models only) • IBM Director Agent • Software Delivery Assistant • System Migration Assistant |
| (license—CD not included) | <ul style="list-style-type: none"> • Lotus® SmartSuite® Millennium • Lotus Notes® Stand-alone Client |

Comprehensive support included with your purchase:

- Personalized Web-based support²⁵
- Proactive e-mail updates²⁵
- International Warranty Service¹
- 24x7²⁶ toll-free support during the warranty period
- EasyServ™ onsite pickup and delivery²⁷

Customize your ThinkPad notebook.

■ IBM ImageUltra Services

Reduce costs and make deployments easier by engaging these optional custom image creation services to reduce the number of software images needed in your large enterprise. Visit ibm.com/pc/services for more information.

■ IBM ServicePac® for Warranty and Maintenance Options²⁸

Get prompt, consistent response from IBM for less downtime. Tailor service levels to your needs. Optional service includes parts and labor during and beyond the warranty period. Visit ibm.com/pc/services for more information.

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■ Financing options

Implement IBM Global Services projects with the help of IBM Global Financing. Flexible payment plans let you distribute costs and match payments to service. Visit ibm.com/financing for more information.

NEW!

IBM iLM300 MicroPortable Data/Video Projector

0037-A03



Travel light with one of the world's lightest projectors, weighing 2.4 lb with striking XGA (1024x768) resolution and a bright, 1100 lumens. Or, choose the IBM iLV200 ValueBased Data/Video Projector or IBM iLC200 Conference Room Data/Video Projector.

NEW!

IBM 128MB USB 2.0 Memory Key

22P8998



Carry up to 88 diskettes worth of data in this thumb-sized device. It features a write protection switch to prevent accidental overwrites and security software create a secure partition to protect certain files. Plus, you can boot to it²⁹, rather than to a boot diskette, for diagnostic or repair utilities.

NEW!

IBM Portable USB 2.0 Hard Drive with Rapid Restore

09N4211



Take the ultimate recovery and restore solution on the road. This unique hard disk drive comes preloaded with IBM Rapid Restore software to enable a complete image backup of up to 30GB of user data with file compression (20GB standard capacity). Use with the optional ThinkPad USB 2.0 CardBus Adapter in the PC Card slot for fast data transfer—up to 40 times faster than USB 1.1³⁰.

IBM 256MB PC2100 CL2.5 DDR SDRAM SODIMM

10K0030



Boost performance without breaking the bank—Double Data Rate SDRAM enables up to twice the performance of traditional SDRAM memory³¹. Modules available in 128MB, 256MB or 512MB.

ThinkPad Premier Leather Carrying Case

10K0209



Look stylish and help protect your ThinkPad notebook from bumps and bruises with the SafePORT air-cushion protection system. The ThinkPad Premier Leather Carrying Case also features a shock-absorbing shoulder strap and ergonomic handles for carrying comfort. Plus, it comes with plenty of storage space for peripherals, files, pens and more.

ThinkPad Dock

2631-20U



Enjoy simple desktop expansion with the ThinkPad Dock, featuring cable management, a modular Ultrabay 2000, a half-size PCI Card slot, two USB ports and an integrated power supply.

NEW!

ThinkPad High Speed 40GB Hard Disk

08K9816



Increase your hard disk drive capacity by adding this fast, reliable hard disk drive to your ThinkPad notebook via the optional ThinkPad 2nd HDD Adapter for Ultrabay 2000.

ThinkPad Ultrabay 2000 Li-Ion Battery

02K6646



Work unplugged longer by sliding this battery into your Ultrabay Plus modular bay. IBM offers a full line of power accessories: the ThinkPad 72W DC Adapter, spare system batteries and the ThinkPad Multiple Battery Charger.

IBM High Rate Wireless LAN Access Point 500

09N9906



Add this wireless bridge between your existing wired Ethernet infrastructure and wireless-enabled clients. Also available: IBM High Rate Wireless LAN PC Card 128 and IBM High Rate Wireless LAN Gateway.



The **Targus DEFCON PC Card Fingerprint Reader** makes biometric authentication portable to provide another layer of security for system and network data wherever you are. Plus, the IBM Embedded Security Subsystem 2.0 encrypts and stores the fingerprint image for added protection.

The Options by IBM shown here are just a sample of the wide range of accessories and upgrades designed to work with your ThinkPad notebook.

For compatibility information and a complete list of options, visit ibm.com/pc/options (U.S.) or ibm.com/pc/ca/options (Canada).



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For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept JDJA/B203. IBM makes no representation or warranty regarding third party products or services.

- 1 International Warranty Service is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.
- 2 Includes battery and optional travel bezel, instead of standard optical drive in Ultrabay Plus. Weight may vary due to vendor components, manufacturing process and options.
- 3 Based on IEEE 802.11b. This wireless LAN product has been designed to permit legal operation worldwide in regions in which it is approved. Operation on channels 12-14 is not permitted in all regulatory regions of the world. Consequently, the wireless LAN feature is limited to operate on channels 1-11 and will not support channels 12, 13 and 14. This product has been tested and certified interoperable by the Wireless Ethernet Compatibility Alliance and is authorized to carry the Wi-Fi logo.
- 4 Requires compatible wireless-enabled peripherals, not included.
- 5 Bluetooth is a trademark of Bluetooth, S.I.G. and licensed to IBM.
- 6 Requires separate Internet access account.
- 7 As tested using the high-flex modulus test.
- 8 ThinkPad R Series models support ThinkPad Port Replicator only.
- 9 Second battery option not supported on A or R Series Ultrabay Plus bay.
- 10 At processor speed.
- 11 For Mobile Intel Pentium processors featuring Intel SpeedStep™ technology, this denotes maximum performance mode; battery optimization mode is approximately 80% of maximum performance mode.
- 12 GB equals 1,000,000,000 bytes when referring to hard disk drive capacity. Accessible capacity is less.
- 13 Maximum memory and hard drive capacity may require the replacement of standard component with largest supported component available.
- 14 CD and DVD drives list maximum rates; rates are variable and are often less than the maximum.
- 15 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 and download of V.92 support device driver when available. Check with your telephone and Internet service providers for availability.
- 16 Can be wireless enabled through addition of an optional wireless LAN card from IBM.
- 17 These model numbers achieved eTesting Labs, Inc.'s BatteryMark™ 4.0.1 Battery Rundown Time of the times shown above. This test was performed without independent verification by eTesting Labs, Inc.; eTesting Labs, Inc. makes no representations or warranties as to these test results. BatteryMark is a trademark of Ziff

- Davis Publishing Holdings Inc., an affiliate of eTesting Labs., in the U.S. and other countries. A description of the environment under which the test was performed is available at **ibm.com** /pc/www/thinkpad/batterylife.html.
- 18 Thinness may vary at certain points on the system.
 - 19 Telephone support may be subject to additional charges. For onsite labor, IBM will attempt to diagnose and resolve the problem remotely before sending a technician. Battery covered by a separate one-year limited warranty.
 - 20 Delivered with Windows 2000 or Windows XP Professional preloaded and a Recovery Partition on the hard disk drive.
 - 21 Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to **ibm.com** /pc/support and select Notebooks and PC Companions from the "Browse the Support Site" drop-down menu or enter your machine type and model number for more information.
 - 22 Some software may differ from its retail version (if any), and may not include user manuals or all program functionality. Warranty, service and support for non-IBM products are provided directly to you by third parties, not IBM. IBM makes no representations or warranties regarding non-IBM products. For non-IBM software, applicable third-party software licenses may apply.
 - 23 Certain Microsoft software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product or upon certain reinstallations of the software product(s) or reconfigurations of the computer, and may be completed by Internet or telephone (toll charges may apply).
 - 24 Update Connector is available at no charge to registered ThinkPad customers during the limited warranty period. Line charges may apply.
 - 25 Profiling at **ibm.com** /support required.
 - 26 Response times may vary. May exclude some holidays.
 - 27 The customer may be asked certain diagnostic questions before a courier is sent. Your ThinkPad purchase includes this depot repair service, available in the U.S. during the warranty period.
 - 28 These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family or household purposes. Not all machine types and models are covered. Subject to IBM ServicePac Maintenance Service Agreement. The customer may be asked certain diagnostic questions before a technician is sent.
 - 29 Booting requires Boot-to-USB BIOS support on the system. See your system documentation to determine if your system supports this feature.



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- 30 Data transfer rates depend on many factors and are often less than the maximum possible.
- 31 Actual rates vary and are often less than the maximum possible.

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