

Perfect balance of performance and portability



IBM ThinkPad T42 notebooks



U.S. Special Offers

IBM recommends Microsoft® Windows® XP Professional for Business.



Highlights

- *Count on excellent wireless performance and extended battery life with Intel® Centrino™ Mobile Technology (select models).*
- *Keep carry-ons light. Certain models feature 14.1" TFT displays and start at about 1" thin¹ with a travel weight of 4.5 lb².*
- **NEW** *See the big picture. New design with 15" TFT displays start at 1.2" thin and a travel weight of 5.3 lbs (select models).*
- *Enjoy all-day computing, up to 7.5 hours³, with the optional high capacity battery and the optional ThinkPad Ultrabay™ Slim Li Polymer battery.*
- **NEW** *Help yourself. IBM Rescue and Recovery™ with Rapid Restore™ software helps users recover systems by themselves.*
- **NEW** *Stretch your investment dollar with integrated 11b/g⁴ wireless technology on select models. It supports some of the latest industry standards and is backwards compatible with 11b technology.*

Go. Go. Go.

Introduce your on-the-go staff to new ThinkPad T42 notebooks with Intel Centrino Mobile Technology (select models). They're thin, light and can go unplugged for hours. Certain models feature 11b/g wireless technology. All include generous TFT displays—now available in 15".

Help—without the help desk

Meet IBM Rescue and Recovery with Rapid Restore software. It's preloaded on all ThinkPad T42 notebooks. With this enhanced, one-button solution, employees can diagnose problems and restore systems in as little as 20 minutes—often without calling the help desk.

Business advantage. It's in here.

To help decrease expenses, look inside for IBM ThinkVantage™ Technologies and ThinkVantage Design elements. You'll see how to work more confidently and efficiently—and gain more time to focus on strategic goals.

Call **1 888 SHOP IBM** or go to **ibm.com** (U.S.) or **ibm.ca** (Canada) to buy direct, locate an IBM reseller or for more information.



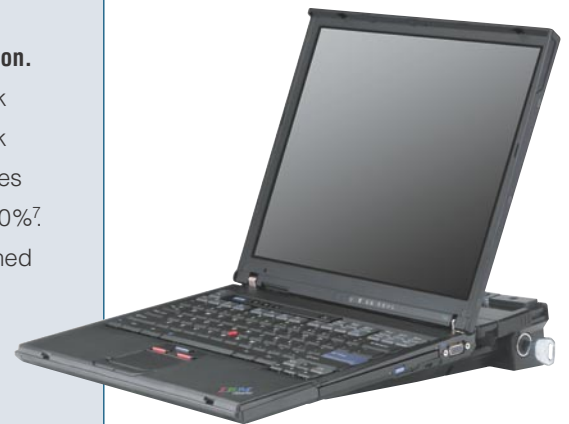
MOBILE TECHNOLOGY Unwire.

Get the edge: IBM ThinkVantage Technologies and Designs

- **Support your mobile workforce** with select wireless ThinkPad T42 notebooks and IBM Access Connections software. It's the easiest way to switch between wired and wireless networks.
- **Put online⁶ and on-system information at your employees' fingertips** with Access IBM. With the push of a button, staff can gain answers to common IT questions.
- **Help guard data against damage from drops and bumps.** The IBM Active Protection System features built-in motion sensors. When a fall is detected, this innovation provides the hard disk drive up to 4 times greater impact protection than in notebooks without it. That makes it less likely data on your hard disk drive will be lost because of some bumps or drops.
- **Increase hard disk drive protection.** When compared to a notebook cover alone, the IBM Hard Disk Drive Shock Absorber increases hard disk drive protection by 30%⁷. This technology is now combined with the IBM Active Protection System for greater protection.
- **Deploy the most secure wireless notebooks in the industry** with the IBM Embedded Security Subsystem 2.0. It offers a double layer of built-in hardware and downloadable software-based protection. No other manufacturer offers stronger security as a standard feature.
- **Improve signal reception** with the IBM UltraConnect™ Antenna. To maximize range, this antenna is built into the display of ThinkPad T42 notebooks. Plus, it supports multiple frequencies to optimize coverage and performance⁵.
- **Point and click two ways** with the IBM ThinkPad UltraNav™ multi-pointing system. It features touchpad technology and the TrackPoint® pointing device.

"... if an average corporation were to apply best operational practices and IBM's ThinkVantage Technologies as defined today, these customers would potentially see reduced ongoing operating costs greater than the cost of new PC or notebook computer hardware itself."

—Aaron Goldberg,
Vice-President, Ziff-Davis Market Experts



IBM ThinkPad T42 notebook shown, with optional IBM ThinkPad Dock II.

Wireless security made easy.



Control wireless access and strengthen network security with select ThinkPad T42 notebooks that support Cisco Compatible Extensions. You'll get a PC that's tested to run at the highest levels of performance in a secure, Cisco wireless environment. That includes wireless network password protection and dynamic encryption capabilities available only to users connected to Cisco Aironet wireless networks.

The IBM ThinkPad T42 notebook has been tested in accordance with interoperability criteria set by Cisco Systems, Inc. and is compatible with Cisco Aironet access points running software versions 12.01, 12.02, 12.03, 12.2(8)JA, or 12.2(11)JA. For full disclaimer, see IBM ThinkPad T42 notebook product documentation or the following Web sites: ibm.com/thinkpad (U.S.) or ibm.ca/thinkpad (Canada).

Service in São Tomé? Sure.

Rely on award-winning IBM Service and Support. Choose an IBM ThinkPad T42 notebook. With just a few clicks, workers can enjoy a wealth of on-system and online resources. Plus, they'll have support in more than 160 countries⁸ worldwide, from São Tomé to Saskatchewan.

IBM ThinkPad T42 notebook specifications

	Machine type 2373
Processor (Processor speed, Level 2 Cache, FSB)	Intel® Centrino™ Mobile Technology (select models) <ul style="list-style-type: none"> Intel Pentium® M Processor 745 (1.8GHz⁹, 2MB L2, 400MHz), Intel Pentium M Processor 735 (1.7GHz, 2MB L2, 400MHz) or Intel Pentium M Processor Intel PRO/Wireless 2200BG Network Connection 802.11b or Intel PRO/Wireless Network Connection 802.11b
Preloaded operating system¹⁰	Microsoft® Windows® XP Professional
Display/Resolution	15" TFT SXGA+/1400x1050 or 15" TFT XGA/1024x768 14.1" TFT SXGA+/1400x1050 or 14.1" TFT XGA/1024x768
Hard disk drive	30GB ¹¹ (4200rpm), 40GB (5400rpm) or 80GB (5400rpm)
Memory (std¹²/max¹³)	256MB, 512MB or 1GB/2GB PC2700 DDR SDRAM
Optical drive	CD-RW/DVD Combo, 8X Max ¹⁴ DVD or Multi-burner DVD recordable
Video graphics	ATI MOBILITY RADEON 7500 32MB DDR 4X AGP or ATI MOBILITY RADEON 9600 64MB DDR 4X AGP
Integrated communications	Modem; Gigabit Ethernet IBM 11b/g Wi-Fi wireless ⁴ (select models) IBM 11a/b/g Wi-Fi wireless (select models) Intel PRO/Wireless 2200BG Network Connection 802.11b (select models) Intel PRO/Wireless Network Connection 802.11b (select models) Bluetooth™ ¹⁵ (select models)
Li-Ion battery life³	15": up to 4.9hrs (standard 6-cell), 14.1": up to 5.0hrs (standard 6-cell) 15": up to 7.0hrs (optional 9-cell), 14.1": up to 7.2hrs (optional 9-cell)
With optional high capacity and UltraBay™ Slim batteries	15": up to 6.9hrs (6-cell), 14.1": up to 7.5hrs (6-cell) 15": up to 9.0hrs (9-cell), 14.1": up to 9.5hrs (9-cell)
Ports	2 USB 2.0; parallel; S-video out; Infrared; dock/port replicator; external display; AC adapter; RJ-11; RJ-45; audio: headphone/line-out, external microphone
Slots	2 Type II or 1 Type III PC Card
IBM Active Protection System	Yes
IBM Embedded Security Subsystem 2.0	Yes
Keyboard	Ergonomic keyboard with palm rest, IBM ThinkPad® UltraNav™ multipointing system including TrackPoint® pointing device with "Press-to-Select", Internet Scroll Bar®, intuitive volume and Access IBM
Dimensions¹	15": 13x10.6x1.2-1.4" (329x268x31-36mm) 14.1": 12.2x10.0x1.0" (311x255x26.3mm)
Travel weight/with optical drive²	15": starting at 5.3lb/5.7lb (2.4kg/2.6kg), 14.1": starting at 4.5lb/4.9 (2.05kg/2.22kg)
Port replicator/Dock support	Yes/yes
Limited warranty¹⁶	3 years/1 year battery

For important warranty information, see page 4.

IBM ThinkPad T42 software

Supported operating systems¹⁷	Microsoft Windows XP Professional, Microsoft Windows XP Home Edition, Microsoft Windows 2000 Professional, Microsoft Windows 98 Gold, Microsoft Windows 98 Second Edition, Microsoft Windows NT® 4.0 SP6a, OS/2® Warp Convenience Package, Red Hat Enterprise Linux® WS3.0, SuSE Linux Desktop 1.0 ¹⁸
Included software¹⁹ (preloaded)	<ul style="list-style-type: none"> Access IBM Access Connections Adobe Acrobat Reader IBM RecordNOW and IBM DLA powered by Sonic products (CD-RW/DVD models) IBM Rescue and Recovery™ with Rapid Restore™ InterVideo WinDVD Creator (DVD-RW models) Norton AntiVirus 2004 PC-Doctor ThinkPad Utilities Update Connector™²⁰
(downloadable)	<ul style="list-style-type: none"> IBM 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

IBM recommends Microsoft® Windows® XP Professional for Business.

Enhance performance.

IBM ThinkPad Mini Dock

287810U



Connect to your network, keyboard, monitor and other peripherals in one easy motion. The ThinkPad Mini Dock also includes a 4-port USB 2.0 hub, power supply and keylock.

08K8197



ThinkPad T40/R50 Series Li-Ion High Capacity Battery

Work unplugged for up to 7.5 hours with a spare battery.

31P9832



IBM ThinkPad Multi-Burner Ultrabay Slim Drive

The slimmest IBM DVD recordable drive ever, it reads and writes both DVD and CD media.

22P9229



IBM USB 2.0 Memory Key—128MB

Thumb-size, portable files storage.

Visit ibm.com/pc/options (U.S.) or ibm.ca/options (Canada) to browse the complete selection of IBM accessories and upgrades.



MOBILE TECHNOLOGY Unwire.

Your next step is easy.

Check the Web.

- **ThinkVantage Technologies**
U.S. ibm.com/thinkvantage
Canada ibm.ca/think
- **ThinkPad**
U.S. ibm.com/thinkpad
Canada ibm.ca/thinkpad
- **Accessories and upgrades**
U.S. ibm.com/pc/options
Canada ibm.ca/options
- **eSupport**
U.S. ibm.com/support
Canada ibm.com/support/ca/en
- **Presentations and 3D Tours**
U.S. ibm.com/pc/webcast
Canada ibm.com/ca/webcast
- **PC Services**
U.S. ibm.com/pc/services
Canada pc.ibm.com/ca/migration
can.ibm.com/snd/solutioncentre
can.ibm.com/helpware
- **Financing**
ibm.com/financing
- **PC Product Training**
U.S. ibm.com/pc/training
Canada ibm.ca/education

Read on.

Download product literature.



- ThinkPad
ibm.com/pc/us/thinkpad/literature
- ThinkCentre
ibm.com/pc/us/desktop/literature

Call us.

PCD HelpCenter®
U.S. 1 800 426-7378
Canada 1 800 565-3344

Buy Direct (U.S. and Canada)
1 888 SHOP IBM

Reseller locator
U.S. 1 800 IBM-4968
Canada 1 800 IBM-2255

IBM Asset Recovery Solutions (U.S. only)
1 888 SHOP IBM
(option 1, enter 7615)

Request an IBM PC Catalog (U.S. only)
1 888 SHOP IBM



© Copyright IBM Corporation 2004

Produced in the USA
05-04
All Rights Reserved

Visit ibm.com/pc/safecomputing periodically for the latest information on safe and effective computing.

Warranty information:

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 Thinness may vary at certain points on the system.
- 2 Includes battery and optional travel bezel, instead of standard optical drive in Ultrabay Slim; weight may vary due to vendor components, manufacturing process and options.
- 3 These model numbers achieved the Ziff Davis Media Inc.'s Business Winstone 2002 BatteryMark™ Version 1.0, Battery Rundown Time of at least the time shown. This test was performed without independent verification by the VeriTest testing division of Lionbridge Technologies, Inc. ("VeriTest") nor Ziff Davis Media Inc.; neither Ziff Davis Media Inc. nor VeriTest makes any representations or warranties as to these test results. Winstone is a registered trademark and BatteryMark is a trademark of Ziff Davis Publishing Holdings Inc., in the U.S. and other countries. A description of the environment under which the test was performed is available at ibm.com/pc/ww/thinkpad/batterylife. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Refer to ibm.com/pc/support and enter your machine type and model number for more information.

- 4 11a, 11b and 11g wireless are based on IEEE 802.11a, 802.11b and 802.11g, respectively. An adapter with 11a/b, or 11a/b/g can communicate on any of its supported formats; the actual connection will be based on the access point to which it connects.
- 5 Requires wireless-enabled options, sold separately.
- 6 Requires separate Internet access account, not included.
- 7 Claim based on IBM operating tilt-drop test.
- 8 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.
- 9 Mobile Intel Pentium Processors feature Intel SpeedStep™. With Intel SpeedStep, processor speed may be reduced to conserve battery power.
- 10 Delivered with Microsoft Windows XP Professional preloaded and a Recovery Partition on the hard disk drive.
- 11 For hard disk drive, GB=billion bytes. Accessible capacity is less; up to 4GB is service partition.
- 12 For PCs without a separate video card, memory supports both system and video. Accessible system memory is up to 64MB less than the amount stated, depending on video mode.
- 13 Maximum memory and hard disk 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 possible.
- 15 The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by IBM is under license.
- 16 Support unrelated to warranty issues may be subject to additional charges.
- 17 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 enter your machine type and model number for more information.
- 18 Linux certification reports can be found at <http://www-306.ibm.com/pc/support/site.wss/MIGR-48NT8D.html>

- 19 Some software may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.
- 20 Update Connector is available at no charge to registered ThinkPad customers during the limited warranty period. Line charges may apply.

As an ENERGY STAR partner, IBM has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.

IBM reserves the right to change specifications or other product information without notice. This publication could include technical inaccuracies or typographical errors. References herein to IBM products and services do not imply that IBM intends to make them available in other countries. IBM PROVIDES THIS PUBLICATION "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions; therefore, this disclaimer may not apply to you.

IBM, the IBM logo, HelpCenter, OS/2, Rapid Restore, Rescue and Recovery, ThinkCentre, ThinkPad, ThinkVantage, TrackPoint, Ultrabay, UltraConnect, UltraNav and Update Connector are trademarks of IBM Corporation in the U.S. and other countries. Intel, Intel Inside, the Intel Inside logo, Intel Centrino, the Intel Centrino logo, Pentium and SpeedStep are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Linux is a registered trademark of Linus Torvalds. Lotus, Lotus Notes and Lotus SmartSuite are registered trademarks of Lotus Development Corporation. Microsoft, Windows and Windows NT are trademarks of Microsoft Corporation. Other company, product and service names may be trademarks or service marks of others.

Made in Japan, Korea, Mexico, Scotland and Taiwan.

