

Perfect balance of performance and portability



## IBM ThinkPad T43 notebooks



### Highlights

- **Count on excellent wireless performance and extended battery life with Intel® Centrino™ Mobile Technology (select models).**
- **The most secure notebooks available are now more convenient, offering integrated, out-of-the-box functionality that puts your passwords at the tip of your finger (select models).**
- **Exceptional performance with new Intel processor and chipset. Select models available with the new Intel Graphics Media Accelerator 900.**
- **Keep carry-ons light. Certain models feature 14.1" TFT displays and are 26.3mm (1") thin<sup>1</sup> with a travel weight of 2.1kg (4.7 lb)<sup>2</sup>.**
- **See the big picture. Select models with 15" TFT displays start at 33mm (1.2") thin and a travel weight of 2.4kg (5.4 lb).**
- **Work unplugged up to 7.8 hours<sup>3</sup>, with the optional high-capacity battery and the optional IBM ThinkPad Ultrabay™ Slim Li Polymer battery.**

**IBM recommends  
Microsoft® Windows® XP  
Professional for Business.**

### Go. Go. Go.

Introduce your on-the-go staff to the IBM ThinkPad® T43 notebooks with wireless Intel Centrino Mobile Technology (select models). They're thin, light and can go unplugged for hours. All include generous TFT displays—now available in 15".

Select IBM ThinkPad T43 notebooks feature a fingerprint reader built into the palm rest. By combining the fingerprint reader with IBM Password Manager and the Embedded Security Subsystem, users can authenticate with unique fingerprints instead of copious passwords. Administrators can also take advantage of the reader to implement strong security policies and to help users more easily meet ongoing password requirements. Security software is preloaded for more out-of-the-box convenience.

### Business advantage. It's in here.

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

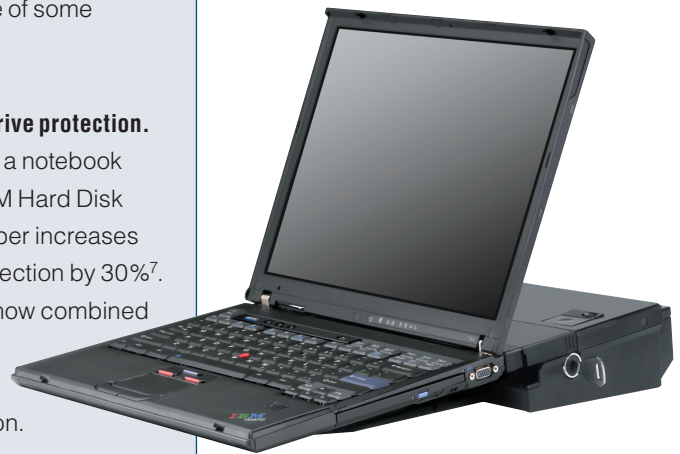
For important warranty information, see page 4.

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



## Get the edge: IBM ThinkVantage Technologies and Designs

- **Support your mobile workforce** with wireless ThinkPad T43 notebooks and IBM Access Connections software. It's the easiest way to switch between wired and wireless networks.
- **Deploy the most secure wireless notebooks in the industry** with the integrated fingerprint reader and IBM Embedded Security Subsystem 2.0. It offers 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 T43 notebooks. Plus, it supports multiple frequencies to optimize coverage<sup>5</sup>.
- **Give your help desk a break.** Meet IBM Rescue and Recovery software. It's preloaded on ThinkPad mobile workstations. With this enhanced, one-button solution, staff can restore system images themselves in the event of a software crash—often without a call to the help desk.
- **Put online<sup>6</sup> 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 .
- **Brace yourself.** Like airbag technology, the IBM Active Protection System features built-in motion sensors. When a fall is detected, this innovation helps guard the hard disk drive, making it less likely that data stored there will be lost because of some bumps and 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%<sup>7</sup>. This technology is now combined with the IBM Active Protection System for greater protection.



IBM ThinkPad T43 notebook shown, with optional IBM ThinkPad Dock II.

## The ultimate security at your fingertips

"The increased focus on system security for regulatory purposes leads us to predict that today's PC password standards will no longer be accepted in 2008," according to the November 2004 Gartner Research Note, "Treat Passwords as Ineffective." The report goes on to recommend that organizations requiring strong data protection should consider, among other things, trusted-platform module (TPM)-enabled systems and, for systems subject to Sarbanes-Oxley controls, tokens or biometrics.

ThinkPad T43 notebooks with the integrated fingerprint reader are biometric and TPM-enabled systems that provide greater assurance that your organization can comply with security regulatory standards.



## Service in São Tomé? Sure.

**Rely on award-winning IBM Service and Support.** Choose an IBM ThinkPad T43 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 countries<sup>8</sup> worldwide, from São Tomé to Sri Lanka.

**IBM ThinkPad T43 notebook specifications**

	<b>Machine types 2668, 1871</b>
<b>Processor (Processor speed, Level 2 Cache, FSB)</b>	Intel® Centrino™ Mobile Technology (select models) <ul style="list-style-type: none"> <li>Intel® Pentium® M Processor 770 (2.13GHz<sup>9</sup>, 2MB L2, 533MHz)</li> <li>Intel Pentium M Processor 760 (2.00GHz, 2MB L2, 533MHz)</li> <li>Intel Pentium M Processor 750 (1.86GHz, 2MB L2, 533MHz)</li> <li>Intel Pentium M Processor 740 (1.73GHz, 2MB L2, 533MHz) or Intel Pentium M Processor 730 (1.60GHz, 2MB L2, 533MHz)</li> <li>Intel® PRO/Wireless 2915ABG Network Connection 802.11a/b/g, Intel PRO/Wireless 2200BG Network Connection 802.11b/g</li> </ul>
<b>Preloaded operating system</b> <sup>10</sup>	Microsoft® Windows® XP Professional
<b>Display/Resolution</b>	15" TFT SXGA+/1400 x 1050 or 15" TFT XGA/1024 x 768 14.1" TFT SXGA+/1400 x 1050 or 14.1" TFT XGA/1024 x 768
<b>Hard disk drive</b>	30GB <sup>11</sup> or 40GB 4200rpm; 40GB, 60GB, 80GB or 100GB 5400rpm; 60GB 7200rpm
<b>Memory (std<sup>12</sup>/max<sup>13</sup>)</b>	256MB, 512MB or 1GB/2GB PC4200 DDR2 533MHz SDRAM
<b>Optical drive</b>	CD-RW/DVD Combo, 8X Max <sup>14</sup> DVD or Multi-burner DVD recordable
<b>Video graphics</b>	Intel® Graphic Media Accelerator 900 ATI MOBILITY RADEON X300 32MB or ATI MOBILITY RADEON X300 64MB
<b>Integrated communications</b>	Modem; Gigabit Ethernet IBM 11a/b/g II <sup>4</sup> (select models) Intel PRO/Wireless 2915ABG Network Connection 802.11a/b/g (select models) Intel PRO/Wireless 2200BG Network Connection 802.11b/g (select models) Bluetooth™ <sup>15</sup> (select models)
<b>Li-Ion battery life</b> <sup>3</sup>	15": up to 3.9 hrs (standard 6-cell), 14.1": up to 4.0 hrs (standard 6-cell) 15": up to 5.9 hrs (optional 9-cell), 14.1": up to 6.0 hrs (optional 9-cell)
<b>With optional high-capacity and UltraBay™ Slim batteries</b>	15": up to 5.7 hrs (6-cell), 14.1": up to 5.8 hrs (6-cell) 15": up to 7.7 hrs (9-cell), 14.1": up to 7.8 hrs (9-cell)
<b>Ports</b>	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
<b>Slots</b>	1 Type II PC Card slot and 1 Express Card 54 slot
<b>IBM Active Protection System</b>	Yes
<b>IBM Embedded Security Subsystem 2.0</b>	Yes
<b>Keyboard</b>	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
<b>Dimensions</b> <sup>1</sup>	15": 329 x 268 x 31-36mm (13 x 10.6 x 1.2-1.4") 14.1": 311 x 255 x 26.3mm (12.2 x 10.0 x 1.0")
<b>Travel weight/with optical drive</b> <sup>2</sup>	15": starting at 2.4kg/2.6kg (5.4lb/5.8lb), 14.1": starting at 2.1kg/2.3kg (4.7lb/5.1lb)
<b>Port replicator/dock support</b>	Yes/yes
<b>Limited warranty</b> <sup>16</sup>	3 year system/1 year battery

For important warranty information, see page 4.

**IBM ThinkPad T43 software**

<b>Supported operating systems</b> <sup>17</sup>	Microsoft Windows XP Professional, Microsoft Windows XP Home, Microsoft Windows 2000 Professional, Microsoft Windows 98 SE, Microsoft Windows 98 Gold, Microsoft Windows NT® 4.0 SP6a, OS/2® Warp Convenience Package V4.51 & V4.52
<b>Included software</b> <sup>18</sup> (preloaded)	<ul style="list-style-type: none"> <li>Access IBM</li> <li>Access Connections</li> <li>Adobe Acrobat Reader</li> <li>IBM Client Security Software (fingerprint reader systems only)</li> <li>IBM fingerprint reader software</li> <li>IBM RecordNOW and IBM DLA powered by Sonics products (CD-RW/DVD or DVD-RW models only)</li> <li>IBM Rescue and Recovery™</li> <li>InterVideo WinDVD</li> <li>InterVideo WinDVD Creator (DVD-RW models only)</li> <li>Norton AntiVirus 2005 with 90 days of virus definitions</li> <li>PC-Doctor</li> <li>ThinkPad Utilities</li> <li>IBM Update Connector™<sup>19</sup></li> </ul>
(downloadable)	<ul style="list-style-type: none"> <li>IBM Client Security Software</li> <li>IBM Director Agent</li> <li>Software Delivery Assistant</li> <li>System Migration Assistant</li> </ul>
(license—CD not included)	<ul style="list-style-type: none"> <li>Lotus® SmartSuite®</li> <li>Lotus Notes® Stand-alone Client</li> </ul>
<b>Certified operating systems</b>	For a listing of completed Linux certifications, visit <a href="http://www-306.ibm.com/pc/support/site.wss/MIGR-48NT8D.html">http://www-306.ibm.com/pc/support/site.wss/MIGR-48NT8D.html</a>

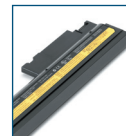
**Enhance performance.****IBM ThinkPad Mini Dock**

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 7.8<sup>3</sup> hours with a spare battery.

73P3600

**IBM ThinkPad Carrying Case—Leather Attache**<sup>20</sup>

Wrap your ThinkPad in luxurious leather and suede.

22P9010

**ThinkPad 72W AC/DC Combo Adapter**

Enjoy the convenience of one adapter for the office, car or plane (where supported).



**MOBILE TECHNOLOGY**

## Your next step is easy.

### Check the Web.

ThinkVantage Technologies	<b>ibm.com</b> /thinkvantage
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ThinkPad	<b>ibm.com</b> /thinkpad
Canada	ibm.ca/thinkpad
Accessories and upgrades	<b>ibm.com</b> /options
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Canada	<b>ibm.com</b> /support/ca/en
PC services	<b>ibm.com</b> /pc/pcservices
Canada	<b>ibm.com</b> /ca/pcservices
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**Warranty:** 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.

#### Footnotes:

**[1] Thinness** may vary at certain points on the system.

**[2] Travel weight** includes battery and optional travel bezel instead of standard optical drive in Ultrabay™ bay, if applicable; weight may vary due to vendor components, manufacturing process and options.

**[3] Battery:** 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") or 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.html**. Battery life (and recharge times) will vary based on many factors including screen brightness, applications,

features, power management, battery conditioning and other customer preferences.

**[4] Wireless: 11a, 11b and 11g wireless** is based on IEEE 802.11a, 802.11b and 802.11g, respectively. An adapter with 11a/b, 11b/g or 11a/b/g can communicate on either or any of these listed formats; the actual connection will be based on the access point to which it connects.

**[5] Wireless capability** requires compatible wireless-enabled options, which are sold separately.

**[6] Internet access not included.**

**[7] Claim based on IBM operating tilt-drop tests.**

**[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 processors:** Power management reduces processor speed when in battery mode.

**[10] Delivered with** Microsoft Windows XP preloaded and a Recovery Partition on the hard disk drive.

**[11] Hard drive:** GB=billion bytes. Accessible capacity is less; up to 4GB is service partition.

**[12] Memory:** 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/DVD drive speeds:** List maximum rates; rates are variable and are often less than the maximum.

**[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] Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

**[17] Operating system:** 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] Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. License agreements may apply.

**[19] Update Connector** is available at no charge to registered ThinkPad customers during the limited warranty period. Line charges may apply.

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