

## THINKPAD X41 TABLETS

*Ultimate mobility in a versatile ultraportable*



### HIGHLIGHTS

*Introducing the smallest and lightest 12" convertible tablet. It starts at only 28.96mm<sup>1</sup> (1.14") and 1.61kg<sup>2</sup> (3.5 lb).*

*Integrated Fingerprint Reader and Embedded Security Subsystem on select models combine to create the most secure tablet available. No other manufacturer offers stronger security as a standard feature.*

*It shares a compatible software image with select ThinkPad® X41, T43, and R52 models, helping make rollouts and integration painless.*

*It delivers the longest standard battery life of any 12" convertible tablet—up to 6.3 hours of battery life<sup>3,4</sup>.*

*Write on the screen or type using the legendary ThinkPad keyboard.*

*With a full complement of ports and slots, this tablet has the flexibility you need.*

*Share common accessories and docking solutions with ThinkPad X40 and X41 notebooks.*

### **So many gifts in one little package.**

The ThinkPad X41 Tablet provides full tablet and notebook functionality without sacrificing battery life, keyboard, portability, docking, accessories or screen size.

Select ThinkPad X41 Tablets feature an Integrated Fingerprint Reader that can combine with Password Manager and the ThinkVantage™ Embedded Security Subsystem to authenticate with a fingerprint and a single password instead of multiple 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.

To help decrease expenses, look inside for 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.

## THINKVANTAGE TECHNOLOGIES AND DESIGNS

### Deploy the most secure wireless ultraportable tablets in the industry

with a bi-directional Integrated Fingerprint Reader, the Embedded Security Subsystem 2.0 and built-in Wi-Fi wireless. They offer built-in hardware and preloaded software-based protection. No other manufacturer offers stronger security as a standard feature.

### Support your mobile workforce with

ThinkPad X41 Tablets and ThinkVantage Access Connections software. It's the easiest way to switch between wired and wireless networks.

### Improve signal reception with the

ThinkVantage UltraConnect™ Antenna. To maximize range, this antenna is built into the display of ThinkPad X41 Tablets. Plus, it supports multiple frequencies to optimize coverage<sup>5</sup>.

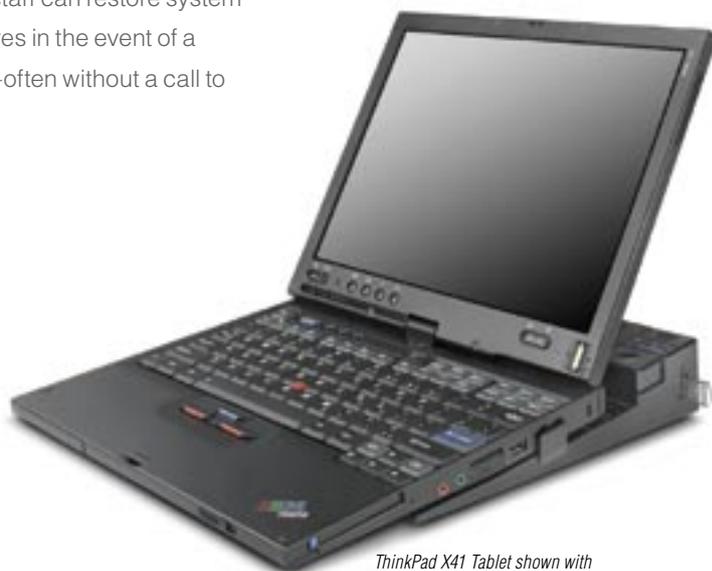
**Brace yourself.** Like airbag technology, the ThinkVantage Active Protection System features built-in motion sensors. When a fall is detected, the hard disk drive temporarily parks itself. That makes it less likely that data on your hard disk drive will be lost because of some bumps or drops.

**Put online<sup>6</sup> and on-system information at your employees' fingertips** with Blue button. With the push of a button, staff can gain answers to common IT questions by themselves.

**Type more comfortably** and efficiently with the full-size<sup>7</sup> keyboard—a big advantage on an ultraportable.

**Give your help desk a break.** Meet ThinkVantage Rescue and Recovery™ software. It's preloaded on ThinkPad X41 Tablets. 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.

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



*ThinkPad X41 Tablet shown with optional ThinkPad X4 Dock*

## 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 on PCs.” 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.

## SERVICE IN SÃO TOMÉ? SURE.

**Rely on award-winning Service and Support.** Choose a ThinkPad X41 Tablet. With just a few clicks, workers can enjoy a wealth of on-system and online<sup>6</sup> resources. Plus, they'll have support in more than 160 countries<sup>8</sup> worldwide, from São Tomé to Sri Lanka.

## ThinkPad X41 Tablet specifications

Machine types 1866, 1867, 1869	
<b>Processor<sup>9</sup> (Processor speed, Technology, Level 2 cache)</b>	Intel® Centrino® Mobile Technology Intel Pentium® M Processor LV 758 (1.5GHz, 90nm technology, 2MB L2 cache) or Intel Pentium M Processor ULV 753 (1.2GHz, 130nm technology, 2MB L2 cache) Intel PRO/Wireless 2200BG Network Connections 802.11b/g or Intel PRO/Wireless 2915ABG Network Connection 802.11a/b/g
<b>Preloaded operating system<sup>10</sup></b>	Microsoft® Windows® XP Tablet PC Edition 2005
<b>Display/resolution</b>	12.1" Super-Wide Angle FFS XGA TFT (1024 x 768), 180 nit
<b>Hard disk drive<sup>11</sup></b>	20GB, 30GB, 40GB or 60GB 4200rpm
<b>Memory<sup>12,13</sup> (std/max)</b>	256MB or 512MB/1536MB max PC2-4200/533MHz (Runs at 400MHz) DDR2
<b>Optical drive</b>	8X Max <sup>14</sup> DVD, DVD/CD-RW Combo or DVD-RW/CD-RW (ThinkPad X4 Dock required, sold separately)
<b>Video graphics</b>	Up to 128MB of Intel Graphics Media Accelerator 900
<b>Integrated communications</b>	Modem Gigabit Ethernet Intel 802.11b/g <sup>15</sup> ThinkPad 11b/g or Intel 802.11a/b/g Bluetooth™ <sup>16</sup>
<b>Li-Ion battery life<sup>3</sup></b>	2.6 hrs (4-cell) up to 6.3 hrs (8-cell)
<b>With optional extended-life battery</b>	5.0 hrs (4-cell) up to 8.5 hrs (8-cell)
<b>Ports</b>	3 USB 2.0 (1 Powered USB 2.0); Infrared; expansion bus (for optional ThinkPad X4 Dock or ThinkPad X41 Series Extended Life Battery); external display; AC adapter; RJ-11; RJ-45; audio: headphone/line-out, external microphone
<b>Slots</b>	1 Type I or 1 Type II PC Card slot with USB ExpressCard support via adapter, 1 Secure Digital Card
<b>Active Protection System</b>	Yes
<b>Embedded Security Subsystem 2.0</b>	Yes
<b>Keyboard</b>	Ergonomic keyboard (87 keys, 18.5mm vertical stroke and 18.2mm horizontal key pitch) with palm rest, TrackPoint® pointing device with "Press-to-Select," Internet Scroll Bar®, intuitive volume control and Blue button
<b>Dimensions<sup>1</sup></b>	274 mm x 242 mm x 29-32 mm (4-cell) 274 mm x 266 mm x 29-32 mm (8-cell)
<b>Weight<sup>2</sup></b>	1.61 kg/3.5 lb (4-cell) or 1.84 kg/4.0 lb (8-cell)
<b>Expansion</b>	Optional ThinkPad X4 Dock
<b>Limited warranty<sup>17</sup></b>	3-year or 1-year system/1-year battery

For important warranty information, see page 4.

## ThinkPad X41 Tablet software

<b>Preloaded operating systems<sup>18</sup></b>	Microsoft® Windows® XP Tablet PC Edition 2005	
<b>Included software<sup>19</sup> (preloaded)</b>	Access Connections Adobe Reader Access Program Client Security Software Fingerprint Reader Software InterVideo VirtualDrive CD/DVD Emulator InterVideo WinDVD (requires ThinkPad X4 Dock and optical drive)	RecordNow and DLA powered by Sonic products (CD-RW/DVD models only) Rescue and Recovery Norton AntiVirus 2005 with 90 days of virus definitions PC-Doctor ThinkPad Utilities
(downloadable)	IBM Director Agent Software Delivery Assistant	System Migration Assistant
(free trial)	Alias Sketchbook Pro (English and Japanese only) Franklin Covey Planner (English only)	Zinio Magazine Reader (English only)
(license—CD not included)	Lotus® SmartSuite®	Lotus Notes® Stand-alone Client
<b>Certified operating systems</b>	For a listing of completed Linux certifications, visit <a href="http://lenovo.com/think/linux">lenovo.com/think/linux</a>	

## INCREASE PERFORMANCE.

### ThinkPad X4 Dock

2506-10U



This provides flexible expansion, cable management and key-lock security for users of ThinkPad X40 Series notebook or tablet systems. The modular bay supports Ultrabay™ Slim options, including the DVD-ROM, CD-RW/DVD-ROM Combo, and Multiburner Plus drives. Standard ports include 3-port USB 2.0 hub as well as Gigabit Ethernet (RJ-45), modem (RJ-11), serial, parallel, PS/2 for mouse or keyboard, VGA for monitor, and power connections.

92P1006



### ThinkPad X40 Series Extended Life Battery

Compute up to 8.5 hours<sup>3</sup> when combined with the 8-cell system battery on select models.

73P3288



### ThinkPad CD-RW/DVD-ROM Combo II Ultrabay Slim Drive

Get two drives in one with this high-speed, high-capacity read/write storage solution.

30R4959



### ThinkPad X41 Tablet Sleeve

An adjustable hand-hold on the back of the sleeve allows you to comfortably take notes on the go.



© 2005 Lenovo.

Produced in the U.S.A  
06-05  
All rights reserved.

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

**Warranty Information:** For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC 27709, Attn: Dept. UF2AB203. Lenovo makes no representation or warranty regarding third-party products or services.

**Footnotes:**

- [1] Thinness:** may vary at certain points on the system.
- [2] 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 Battery Run-down Time of at least the time shown during testing. A description of the testing is available at [lenovo.com/pc/ww/thinkpad/batterylife](http://lenovo.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.
- [4] Supports only two batteries in use at one time.**
- [5] Wireless capability:** requires compatible wireless-enabled options, sold separately.
- [6] Internet access not included.**
- [7] Full-size keyboard:** As defined by ISO/IEC 15412.
- [8] International Warranty Service:** available for most models 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 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] Wireless11a, 11b and 11g wireless:** is based on IEEE 802.11a, 802.11b and 802.11g, respectively. An adapter with 11a/b, 11 b/g or 11a/b/g can communicate on either/any or any of these listed formats respectively; the actual connection will be based on the access point to which it connects.

**[16] The Bluetooth word mark and logos:** are owned by the Bluetooth SIG, Inc. and any use of such marks by Lenovo is under license.

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

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

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

**Certain IBM® and ThinkPad® logo products:** are not manufactured, warranted or supported by IBM or Lenovo; IBM and Lenovo logos and trademarks used under license. Contact Lenovo for details.

**Energy Star:** As an Energy Star Partner, Lenovo has determined that this product meets the Energy Star guidelines for energy efficiency.

This publication was developed for products and services offered in the United States. Lenovo may not offer the products, services or features discussed in this document in other countries. Information is subject to change without notice. Consult your local Lenovo representative for information on offerings available in your area.

**The following are trademarks of Lenovo:** ThinkPad, ThinkVantage, TrackPoint, Ultrabay and UltraConnect. IBM and the IBM logo are registered trademarks of IBM and are used under license. Microsoft and Windows are registered trademarks of Microsoft Corporation. Intel, Intel Centrino, and Pentium are trademarks of Intel Corporation. Other company, product and service names may be trademarks or service marks of other companies.

**Visit [www.lenovo.com/safecomputing](http://www.lenovo.com/safecomputing) periodically for the latest information on safe and effective computing.**