

Lenovo recommends Windows Vista® Business.

DESIGNED TO DO THE UNEXPECTED:  
MAKE AN AMAZING PC  
EVEN BETTER.

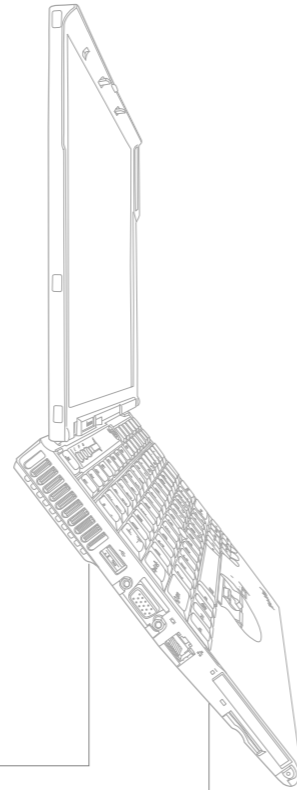
THINKPAD X61 NOTEBOOK ACCESSORIES:



**LENOVO USB MULTIMEDIA HEADSET (40Y8518)**  
Works with the Lenovo USB Webcam (40Y8519) to deliver a fully engaged, Internet-based voice and video multimedia experience.



**LENOVO USB 2.0 SUPER MULTI-BURNER WITH LIGHTSCRIBE (41N5565)**  
Reads and writes without an external power adapter when connected to a USB 2.0 port.



1.866.426.1316  
lenovo.com

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**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. ZPYA/B676. 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 drive, if applicable. Weight may vary due to vendor components, manufacturing process and options. [3] **Mobile processors:** Power management reduces processor speed when in battery mode. [4] **Battery:** These model numbers achieved Battery Runtime 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). [5] **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges. [6] **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. [7] **Hard disk drive:** GB=1,000,000,000 bytes. Accessible capacity is less; up to 4GB is service partition. [8] **Models with 4GB memory:** Total accessible memory will be less and will vary depending on the system configuration. Maximum capacity may require purchase of optional component. [9] **11a, 11b and 11g wireless:** are based on IEEE 802.11a, 802.11b, and 802.11g respectively. The IEEE 802.11n specification has not been finalized and is currently in draft release. The Lenovo and ThinkPad 11a/b/g/n Wireless LAN Mini-PCI Express Adapters are based on the Draft Release, Version 1.0, of the IEEE 802.11n specification. An adapter with 11a/b, 11a/b/g, or 11a/b/g/n can communicate on any of its supported formats; the actual connection will be based on the access point to which it connects. [10] **The Bluetooth word mark and logos:** are owned by Bluetooth SIG, Inc. and any use of such marks by Lenovo is under license. [11] **Full-size keyboard:** As defined by ISO/IEC 15412. [12] **Included software:** may differ from its retail version (if available) and may not include user manuals or all program functionality. License agreements may apply. **The following are trademarks of Lenovo:** Lenovo, the Lenovo logo, Access Connections, Active Protection System, Rescue and Recovery, System Migration Assistant, ThinkPad, ThinkVantage, TrackPoint, UltraBase and Ultrabay. IBM and the IBM logo are registered trademarks of IBM and are used under license. Celeron, Celeron Inside, Centrino, Centrino Inside, Centrino Logo, Core Inside, Intel, Intel Logo, Intel Core, Intel Inside Logo, Intel Viiv, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, Viiv Inside, vPro Inside, Xeon, and Xeon Inside are trademarks of Intel Corporation in the U.S. and other countries. Java, JRE, Sun and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. Windows Live is a trademark of Microsoft Corporation. Linux is a trademark of Linus Torvalds. Other company, product and service names may be trademarks or service marks of others.

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

TPDX61X61S-0108-WWEN-02

Lenovo recommends Windows Vista® Business.

THINKPAD® X61/X61s:  
COULD IT BE ANY MORE ULTRA?

ULTRA PORTABLE:

- Less than 20mm (0.8") thin<sup>1</sup>
- Weight starts at 1.24kg (2.73lb)<sup>2</sup>

ULTRA PROTECTED:

- Magnesium-alloy top and bottom covers
- Shock-mounted hard drive with Active Protection System™

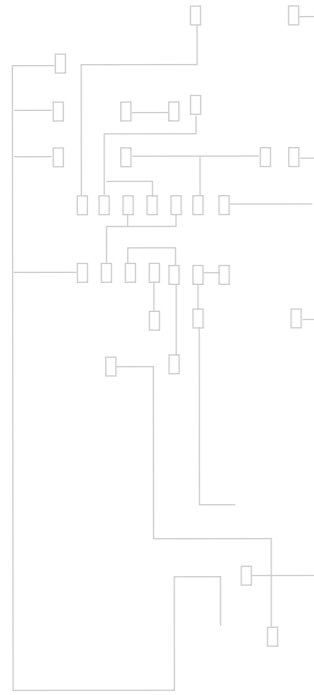
ULTRA CAPABLE:

- Intel® Centrino® processor technology<sup>3</sup>
- Genuine Windows Vista® Business
- Up to 12.5 hours of battery life<sup>4</sup>



**lenovo**™

**Lenovo recommends Windows Vista® Business.**



THINKPAD X61/X61s:

**THE WORLD'S BEST ENGINEERING IN ACTION.**

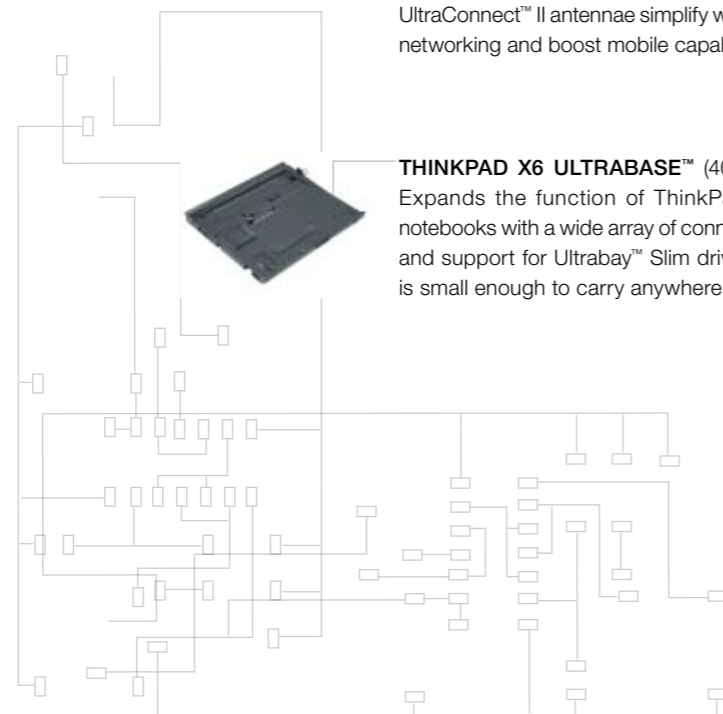
Versatile, expandable and able to go up to 12.5 hours unplugged, ThinkPad X61 and X61s notebooks are models of extreme mobility. Engineered to be extremely thin and ultralight—without compromising quality, durability or performance. Equally impressive is its worldwide, round-the-clock service and support and an industry-leading warranty<sup>5</sup>. ThinkPad X61 and X61s notebooks are products of Lenovo, a global company incorporating the former IBM PC division. From the world's best engineers come the world's best-engineered PCs.



ThinkPad X61 and X61s notebooks are the most secure X Series models ever. Client Security Solution, a Trusted Platform Module, 32-byte hard-drive passwords and the ability to disable ports on the BIOS level ensure data is protected from top to bottom.

ThinkPad X61s models with optional UltraLight screen start at only 1.24kg (2.73lb), and use low-voltage processors for longer battery life while maintaining full X Series functionality.

ThinkVantage® Access Connections™ and UltraConnect™ II antennae simplify wireless networking and boost mobile capability.



**THINKPAD X6 ULTRABASE™ (40Y8116)**  
Expands the function of ThinkPad X61 notebooks with a wide array of connections and support for Ultrabay™ Slim drives, yet is small enough to carry anywhere.

**Lenovo recommends Windows Vista® Business.**

**THINKPAD X61 NOTEBOOK SPECIFICATIONS**

**Processor (speed, L2 cache, FSB)**

Intel® Core™2 Duo Processor T8300 (2.4GHz, 3MB, 800MHz)  
Intel® Core™2 Duo Processor T8100 (2.1GHz, 3MB, 800MHz)  
Intel® Core™2 Duo Processor T7100 (1.83GHz, 2MB, 800MHz)  
Intel® Core™2 Duo Processor T7300 (2.0GHz, 4MB, 800MHz)  
Intel® Core™2 Duo Processor T7500 (2.2GHz, 4MB, 800MHz)

**Preloaded operating system<sup>6</sup>**

Genuine Windows Vista® Ultimate  
Genuine Windows Vista® Business 32  
Genuine Windows Vista® Business 64  
Genuine Windows Vista® Home Basic 32  
Genuine Windows® XP Professional

**Display/resolution**

12.1" XGA (1024x768, 150nit)

**Serial ATA Hard Drive<sup>7</sup>**

80, 120, 160, 250GB 5400rpm  
60, 100GB 7200rpm

**Memory<sup>8</sup>**

Up to 4GB PC2-5300/667 MHz (3GB addressable with 32-bit OS)

**Optical drive**

DVD-ROM, CD-RW/DVD Combo, or Multi-Burner Plus DVD Dual Layer Recordable (ThinkPad X6 UltraBase™ required)

**Video graphics**

Intel® Graphics Media Accelerator X3100 (up to 384MB)

**Available Integrated communications**

Modem; Gigabit Ethernet  
ThinkPad® 11a/b/g IP  
Intel® PRO/Wireless 3945ABG  
Intel® Wireless WiFi Link 4965AG  
Intel® Wireless WiFi Link 4965AGN  
Bluetooth®<sup>10</sup>  
Embedded WWAN

**Li-ion battery life**

4-cell cylindrical: up to 3.9hr  
8-cell cylindrical: up to 7.8hr

**With optional extended-life battery**

Up to 10.7hr (standard 8-cell high capacity battery plus ThinkPad X60 Series extended-life battery)

**Ports**

3 USB 2.0, 1394; expansion bus (for optional ThinkPad X6 UltraBase or ThinkPad X60 Series extended-life battery); external display; AC adapter; RJ-11, RJ-45; audio: headphone/line-out, external microphone

**Slots**

1 Type I / II PC card slot with 34mm ExpressCard via adapter, 1 secure digital card slot

**ThinkVantage® Active Protection System™ and ThinkPad® Shock-Mounted Hard Drive**

Standard

**ThinkVantage® Client Security Solution**

Standard

**Integrated Fingerprint Reader**

Select models

**Keyboard**

Full-size<sup>11</sup>, ergonomic keyboard with palm rest, TrackPoint® pointing device with "Press-to-Select", Internet Scroll Bar, intuitive volume, ThinkVantage® button and Windows® keys

**Dimensions**

268x211x20–35mm (10.5x8.3x0.8–1.39")

**Weight**

4-cell cylindrical: 1.41kg (3.11lb)  
8-cell cylindrical: 1.63kg (3.56lb)

**THINKPAD X61s NOTEBOOK SPECIFICATIONS**

**Processor (speed, L2 cache, FSB)**

Intel® Core™2 Duo Processor L7500 (1.6GHz, 4MB, 800MHz)  
Intel® Core™2 Duo Processor L7300 (1.4GHz, 4MB, 800MHz)

**Preloaded operating system**

Genuine Windows Vista® Ultimate  
Genuine Windows Vista® Business 32  
Genuine Windows Vista® Business 64  
Genuine Windows Vista® Home Basic 32  
Genuine Windows® XP Professional

**Display/resolution**

12.1" XGA (1024x768, 150nit)  
12.1" UltraLight XGA (1024x768, 180nit)

**Serial ATA Hard Drive**

80, 120, 160, 250GB 5400rpm  
60, 100GB 7200rpm

**Memory**

Up to 4GB PC2-5300/667MHz (3GB addressable with 32-bit OS)

**Optical drive**

DVD-ROM, CD-RW/DVD Combo, or Multi-Burner Plus DVD Dual Layer Recordable (ThinkPad X6 UltraBase™ required)

**Video graphics**

Intel® Graphics Media Accelerator X3100 (up to 384MB)

**Available Integrated communications**

Modem; Gigabit Ethernet  
ThinkPad® 11a/b/g  
Intel® PRO/Wireless 3945ABG  
Intel® Wireless WiFi Link 4965AG  
Intel® Wireless WiFi Link 4965AGN  
Bluetooth®  
Embedded WWAN

**Li-ion battery life**

With 12.1" XGA:  
4-cell prismatic: up to 3.1hr  
4-cell cylindrical: up to 4.1hr  
8-cell cylindrical: up to 8.2hr

**With 12.1" UltraLight XGA:**

4-cell prismatic: up to 3.5hr  
4-cell cylindrical: up to 4.5hr  
8-cell cylindrical: up to 9hr

**With optional extended-life battery**

With 12.1" XGA: up to 11.3hr  
With 12.1" UltraLight XGA: up to 12.5hr  
(Standard 8-cell high capacity battery plus ThinkPad X60 Series extended-life battery)

**Ports**

3 USB 2.0, 1394; expansion bus (for optional ThinkPad X6 UltraBase or ThinkPad X60 Series extended-life battery); external display; AC adapter; RJ-11, RJ-45; audio: headphone/line-out, external microphone

**Slots**

1 Type I / II PC card slot with 34mm ExpressCard via adapter, 1 secure digital card slot

**ThinkVantage® Active Protection System™ and ThinkPad® Shock-Mounted Hard Drive**

Standard

**ThinkVantage® Client Security Solution**

Standard

**Integrated Fingerprint Reader**

Select models

**Keyboard**

Full-size, ergonomic keyboard with palm rest, TrackPoint® pointing device with "Press-to-Select", Internet Scroll Bar, intuitive volume, ThinkVantage® button and Windows® keys

**Dimensions**

268x211x20–28mm (10.5x8.3x0.8–1.1")

**Weight**

With 12.1" XGA:  
4-cell prismatic: 1.32kg (2.90lb)  
4-cell cylindrical: 1.36kg (3.00lb)  
8-cell cylindrical: 1.58kg (3.48lb)

**Port replicator/Dock support**

Optional ThinkPad X6 UltraBase™

**Limited warranty**

1-Yr or 3-Yr system/1-Yr battery

**Additional supported operating systems**

Genuine Windows® 2000

**Included software (preloaded)<sup>12</sup>**

Adobe Reader  
Diskeeper Home  
Microsoft®: Windows Live™ Toolbar & Search  
Google Picasa  
DVD playback codec  
PC-Doctor  
Norton Internet Security (with 90 days of virus definitions)  
ThinkPad® Utilities  
(Power Manager and Presentation Director)  
ThinkVantage® Access Connections™  
ThinkVantage® Fingerprint Software  
ThinkVantage® Productivity Center with Away Manager  
ThinkVantage® Rescue and Recovery™  
ThinkVantage® System Update (downloadable)  
ThinkVantage® System Migration Assistant™

**Certified operating systems**

For a listing of completed Linux® certifications, visit [lenovo.com/linux](http://lenovo.com/linux)

**With 12.1" UltraLight XGA:**

4-cell prismatic: 1.24kg (2.73lb)  
4-cell cylindrical: 1.28kg (2.83lb)  
8-cell cylindrical: 1.50kg (3.30lb)

**Port replicator/Dock support**

Optional ThinkPad X6 UltraBase™

**Limited warranty**

1-Yr or 3-Yr system/1-Yr battery

**Additional supported operating systems**

Genuine Windows® 2000

**Included software (preloaded)**

Adobe Reader  
Diskeeper Home  
Microsoft®: Windows Live™ Toolbar & Search  
Google Picasa  
DVD playback codec  
PC-Doctor  
Norton Internet Security (with 90 days of virus definitions)  
ThinkPad® Utilities  
(Power Manager and Presentation Director)  
ThinkVantage® Access Connections™  
ThinkVantage® Fingerprint Software  
ThinkVantage® Productivity Center with Away Manager  
ThinkVantage® Rescue and Recovery™  
ThinkVantage® System Update (downloadable)  
ThinkVantage® System Migration Assistant™

**Certified operating systems**

For a listing of completed Linux® certifications, visit [lenovo.com/linux](http://lenovo.com/linux)

For important warranty information, see page 4.