

Lenovo® recommends Windows Vista® Business.

LENOVO THINKPAD W500 MOBILE WORKSTATION

WHERE GREAT IDEAS MEET POWER-PACKED ENGINEERING.



SERIOUS PERFORMANCE

- Combines the highest performing Intel® Core™2 Duo processor with Intel Active Management Technology (iAMT) to offer enhanced notebook management and security
- Features hard disk drives up to 320GB 5400rpm and up to 200GB 7200rpm with Full Disk Encryption (FDE) to offer maximum security and storage
- Features Solid State Drives (SSD) for improved performance, reliability and battery life
- Includes high performing DDR3 memory



SUPERIOR GRAPHICS EXPERIENCE

- Features Open GL (Open Graphics Library) with up to 512MB of dedicated video memory for graphics-intensive applications
- Enables the creation of high-quality graphic images of three-dimensional objects
- Includes next generation DisplayPort technology for clearer, crisper images and a larger viewing area
- Features high-resolution, premium WUXGA panels for an improved viewing experience



ISV CERTIFICATIONS

- Ensure complete testing and certification of key Independent Software Vendors (ISVs) applications to ensure business critical applications are compatible with the ThinkPad® W500 notebook, and users are also assured of application support from the ISV regardless of work location
- Affiliation with industry software leaders such as Autodesk (AutoCAD, Maya), Dassault Systems (Catia, Solid Works), ETC (Pro/E), UGS (NX), Landmark (GeoProbe) and Avid (SoftImage)



THINKPAD HERITAGE

- ThinkPad notebook legacy with legendary design features, superior quality, durability and reliability
- Latest technologies ensure the product stays viable for the next few years



NEW NAMING CONVENTION: The latest ThinkPad product line marks the introduction of a new product naming system. The new ThinkPad W500 notebook (15.4" widescreen display) has evolved from the ThinkPad T61p notebook.

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THE NEW THINKPAD W500 NOTEBOOK

DESIGNED TO HANDLE GRAPHIC INTENSIVE APPLICATIONS, LONG HOURS AND OTHER CHALLENGES YOU THROW ITS WAY.

Meet the new ThinkPad W500 notebook. Featuring the latest Intel® Penryn 64-bit Dual Core™ processors, superior performance 512MB Discrete Open GL graphics, key ISV certifications and support, a razor-sharp 15.4" premium WUXGA widescreen display and an embedded Trusted Platform Module (TPM) security solution, the ThinkPad W500 notebook offers today's businesses the ultimate in performance, mobility, and security. Its array of new technologies includes Solid State Drives (SSDs), an integrated camera, new DisplayPort technology and a wider Touchpad for improved ergonomics. In addition, the ThinkPad W500 notebook comes with optional services like ThinkPad Protection which provides repair and replacement services to further protect assets.

The new ThinkPad W500 notebook is also environmentally friendly, featuring improvements in energy efficiency and using environmentally-responsible materials and packaging. Equally reassuring is the fact that it enjoys worldwide, round-the-clock service and support and comes with an industry-leading warranty.



OUTSTANDING FEATURES AND PERFORMANCE

- Superior Discrete Open GL graphics with ATI Mobility FireGL V5700 512MB VRAM
- Genuine Windows Vista® Business
- High resolution premium WUXGA panels for enhanced viewing experience
- DDR3 High Speed Memory (1066MHz vs. 667MHz for DDR2) for faster computing
- Available with Blu-ray technology
- Integrated 1.3 megapixel camera option available



IMPROVED ON-THE-MOVE PRODUCTIVITY

- Offers the flexibility and performance to run graphic-intensive applications wherever the user needs to go
- Offers improved battery life with a new Power Management feature and an enhanced BatteryStretch feature which allows users to select the most efficient power management on demand
- Includes enhanced integrated security features and extensive connectivity options to improve mobility



COOL AND QUIET

- Focused air flow design to provide cooler systems and balanced temperatures across the system
- New fan design to guarantee a super quiet computing experience

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THINKPAD W500 NOTEBOOK SPECIFICATIONS

Processor (Speed, L2 Cache, FSB)¹

Intel® Core™2 Duo processor P8400
(2.26GHz, 3MB L2, 1066MHz FSB, 25 watt)
Intel® Core™2 Duo processor P8600
(2.4GHz, 3MB L2, 1066MHz FSB, 25 watt)
Intel® Core™2 Duo processor P9500
(2.53GHz, 3MB L2, 1066MHz FSB)
Intel® Core™2 Duo processor T9400
(2.53GHz, 6MB L2, 1066MHz FSB)
Intel® Core™2 Duo processor T9600
(2.8GHz, 6MB L2, 1066MHz FSB)

Operating System²

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

Serial ATA Hard Drives³

80, 160, 250, 320GB/5400rpm
160, 200GB/7200rpm with Full Disk
Encryption (FDE)
64GB Solid State Drive

Memory⁴

Up to 8GB of PC2-8500 1066MHz DDR3

Graphics

Discrete Open GL Graphics
ATI Fire GL M86-GL (512MB)

Optical Drive

DVD-ROM, CD-RW/DVD-ROM, DVD Burner, Blu-ray

Keyboard

Ergonomic keyboard with palm rest,
ThinkPad UltraNav® multipointing system,
including TrackPoint® pointing device with
"Press-to-Select," Internet Scroll Bar, intuitive
volume, ThinkVantage button and Windows® key

Available Integrated Communication

Gigabit Ethernet
Integrated WWAN (With GPS)⁵
Ultra WideBand (UWB) - available later in 2008 in
U.S. and Japan only
Bluetooth® 2.0⁶
WiMAX (available later in 2008)

Supported WLAN cards⁷

Intel® Wireless WiFi Link 5100 1x2 AGN Card
Intel® Wireless WiFi Link 5300 3x3 AGN Card
Intel® WiMAX/WiFi Link 5350 3x3 AGN Card
ThinkPad 11b/g Wireless LAN Mini PCI Express
Adapter III

Security⁸

Standard: ThinkVantage Client Security with
Password Manager, TPM v1.2 chip, Bios disable of
all ports
Optional: Integrated Fingerprint Reader,
SmartCard Reader, Full Disk Encryption HDD
available, Optional Softex OmniPass and
Utimaco® SGE

Other Features

Optional integrated camera, white ThinkLight®

ThinkPad Shock-Mounted Hard Drive

Standard

Limited Warranty⁹

1yr, 3yr system/1yr Battery

Included Software (Preloaded)¹⁰

Adobe Acrobat Reader; Microsoft® Office Ready
2007; Microsoft® Windows Live™ Toolbar & Search;
Roxio Creator; Intervideo WinDVD (DVD models
only); Intervideo WinDVD Creator (DVD models
only); PC-Doctor diagnostics; McAfee VirusScan®
Plus with 30 days of virus definition updates;
Creator Business Edition (combo models); Creator
Business Edition + MYDVD (Rambo); Sun™ JRE™;
ThinkPad Utilities (Power Manager and
Presentation Director); ThinkVantage® Access
Connections™; ThinkVantage Fingerprint Software;
ThinkVantage Productivity Center; ThinkVantage
Rescue and Recovery®; ThinkVantage System
Update; ThinkVantage Client Security Solution

Li-ion Battery Life¹¹

6-cell, integrated/discrete graphics: up to
5.5hr/3.8hr
9-cell, integrated/discrete graphics: up to
8.3hr/5.9hr

Dimensions

14.1x10.0x1.2 - 1.3 inches (6-cell)
357.5x255x29.5-33.5 mm (6-cell)

Weight¹²

6-cell battery models starting at 2.63 kg/5.8 lb

Display

WSXGA+ (1680x1050, 129dpi, 200+ nit)
WUXGA (1920x1200, 147dpi, 200+ nit)

Ports and Slots

Ports: 3 USB, IEEE 1394a, VGA, microphone/
line-in, headphone/line-out DisplayPort and
optional DVI-D monitor cable
Slots: Optional 54/34 mm; SmartCard, Express
Card, PC Card, Optional 7-1 Media Card Reader

ISV Certified Software

Including Autodesk (AutoCAD, Maya), Dassault
Systems (Catia, Solid Works), ETC (Pro/E), UGS
(NX), Landmark (GeoProbe), Avid (SoftImage)

THINKPAD W SERIES GOES GREEN



SILVER

- The ThinkPad W500 notebook received an EPEAT® Silver, Energy Star 4.0 qualification and Climate Savers certifications. This new ThinkPad notebook also consumes 25% less power when compared to previous generation notebooks. In addition, the ThinkPad W500 notebook is one of the first in the industry to have a GREENGUARD Air Quality certification.



What else makes the ThinkPad W Series so "green"?

- Increased power efficiency with BatteryStretch feature
- Less power consumption with Solid State Storage Drives compared to standard hard drives
- Greater use of recycled plastics

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DESIGNED TO DO THE UNEXPECTED

MAKE AN AMAZING PC EVEN BETTER.

THINKPAD W500 NOTEBOOK ACCESSORIES:



THINKPAD W500 NOTEBOOK MEMORY
1GB/2GB PC3-8500 1066MHz DDR3
SDRAM SODIMM (43R1987), (43R1988)
Lowest-cost method to boost
system performance



THINKPAD W500 NOTEBOOK BUSINESS
TOPLOAD CARRYING CASE (43R2476)
Easily transport and protect your
ThinkPad against bumps and jostles



THINKPAD W500 NOTEBOOK
ADVANCED MINI DOCK (250410U)
Rear ports offers enhanced cable
management and connectivity; quick
and easy access to peripherals



THINKPAD W500 NOTEBOOK
9-CELL BATTERY (40Y6797)
Carry spare battery or replace
system batteries when charge capacity
diminishes with time



THINKPAD W500 NOTEBOOK 90W SLIM
AC/DC COMBO ADAPTER (41N8460)
Allows you to power your notebook everywhere
you go—in the office, at home, on the road, and
in the air; optional dual charging cable also can
simultaneously charge cell phones or PDA devices



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*EPEAT is a system to help purchasers in the public and private sectors evaluate, compare and select desktop computers, notebooks and monitors based on their environmental attributes.

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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] **Mobile processors:** Power management reduces processor speed when in battery mode. [2] **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 and enter your machine type and model number for more information. [3] **Hard disk drive:** GB=1,000,000,000 bytes. Accessible capacity is less; up to 4GB is service partition. [4] **Models with 8GB Memory:** Total accessible memory will be less and will vary depending on the system configuration. Maximum capacity may require purchase of optional component subject to availability of new 4GB DIMMs. [5] **WWAN Service Providers:** Coverage not available in all areas. Service available via select service providers and is available in select metropolitan markets. Service agreement required. Special credit and tenure restrictions and additional charges may apply to international roaming. A network connection, third-party software, additional hardware, and/or subscription to a third-party service may be required for certain solutions/applications. Additional restrictions apply. Service is subject to the applicable service agreement/terms from the respective service providers, the corresponding rate plan brochure and coverage maps. Offer subject to change. [6] **The Bluetooth word mark and logos:** are owned by Bluetooth SIG, Inc. and any use of such marks by Lenovo is under license. [7] **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. [8] **Security:** Softtext and Ultimaco are not preloaded. [9] **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges. [10] **Included Software:** may differ from its retail version (if available) and may not include user manuals or all program functionality. [11] **Battery:** These model numbers achieved Battery Rundown Time of at least the time shown during testing. A description of the testing is available at lenovo.com/pc/www/thinkpad/batterylife. [12] **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. **The following are trademarks of Lenovo:** Lenovo, the Lenovo logo, Access Connections, Active Protection System, Rescue and Recovery, System Migration Assistant, ThinkLight, ThinkPad, ThinkVantage, TrackPoint, Ultrabay, UltraConnect and UltraNav. Intel, the Intel logo, Intel Core and Core Inside, are trademarks of Intel Corporation in the U.S. and other countries. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. Sun and JRE are trademarks or registered trademarks of Sun Microsystems, Inc. or its subsidiaries in the United States and other countries. Other company, product and service names may be trademarks or service marks of others.

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

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