

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 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 workstation, 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

- Continues the strong ThinkPad notebook legacy with legendary design features and superior quality, durability and reliability
- Smartly developed to ensure the latest technologies keep the product 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 workstation (15.4" widescreen display) has been evolved from the ThinkPad T61p notebook.

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THE NEW THINKPAD® W500 WORKSTATION

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

Meet the new ThinkPad W500 workstation. Featuring the latest Intel® Core-2 Duo processor, 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 workstation 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 workstation comes with optional services like ThinkPad Protection which provides repair and replacement services to further protect assets.

The new ThinkPad W500 workstation is also environment-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 WORKSTATION SPECIFICATIONS

Processor (speed, L2 cache, FSB)

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)

Preloaded Operating System

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 Drives

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

Memory

Up to 8GB of PC2-8500 1066MHz DDR3⁷

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
Bluetooth® 2.0

Supported WLAN Cards:

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

Security

Standard: ThinkVantage Client Security with
Password Manager, Trusted Platforms Module (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 Warranty

1yr, 3yr system/ 1yr Battery

Included Software (preloaded)

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 Life

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

Dimensions

357.5x255x29.5-33.5 mm (6-cell)

Weight:

6-cell battery models starting at 2.63kg

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 Display Port and
optional DVI-D monitor cable
Slots: Optional 54/34mm; 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 workstation 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 workstation is one of the first in the industry to have a GREENGUARD Air Quality certification.



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

- One of the industries first PCs with GREENGUARD Air Quality certification
- Increased power efficiency with Battery Stretch 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 WORKSTATION ACCESSORIES:



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



THINKPAD W500 WORKSTATION
ADVANCED MINI DOCK (39T4595)
Rear ports offers enhanced cable
management and connectivity; Quick
and easy access to peripherals.



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



THINKPAD W500 WORKSTATION 90W SLIM AC/DC COMBO
ADAPTER (41N8488)
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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Footnotes: [1] **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. [2] **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. [3] **International warranty service:** is 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 those in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries. [4] **Mobile processors:** Power management reduces processor speed when in battery mode. [5] **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. [6] **Hard disk drive:** GB=1,000,000,000 bytes. Accessible capacity is less; up to 4GB is service partition. [7] **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. Subject to availability of new 4GB DIMMs. [8] **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. [9] **The Bluetooth word mark and logos:** are owned by Bluetooth SIG, Inc. and any use of such marks by Lenovo is under license. [10] **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/www/thinkpad/batterylife. [11] **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges. [12] **Included software:** may differ from its retail version (if available) and may not include user manuals or all program functionality. [13] Select models. [14] 300 Mbps Receive and 150 Mbps Transmit Bandwidth.

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