GREAT IDEAS THAT BREAK BARRIERS OF PERFORMANCE

THE LENOVO® THINKPAD® W510 NOTEBOOK
ThinkPad W Series represents a complete lineup of performance mobile workstations certified to run the most demanding graphic intensive industry applications. ThinkPad W Series offers you quality, performance and reliability in a high-performance mobile workstation. The ThinkPad W Series notebooks come equipped with the new Intel® platform and high performing NVIDIA® Quadro® FX Graphics. Along with meeting the highest performance standards, W Series still offers the legendary ThinkPad design and a full range of technology that include Solid State Drives (SSDs), an integrated camera, DDR3 memory modules, new DisplayPort technology and a wider Touchpad with improved ergonomics.

The ThinkPad W510 notebook is engineered with Lenovo’s Enhanced Experience for Windows® 7, which means faster startup and shutdown time, along with increased productivity for business with new hardware and software innovations. The roll-cage protection, spill-resistant keyboard, ThinkVantage® Client Security Solution with integrated Fingerprint Reader® and Smartcard support are other innovative features that give these notebooks unmatched security.

ThinkPad notebooks are also environmentally responsible and EPEAT® Gold qualified. The ThinkPad W Series models enjoy worldwide, round-the-clock service and support. They also come with an industry-leading warranty and optional services like ThinkPad Protection that guarantees you are covered for any reason.

CUTTING-EDGE TECHNOLOGY
ThinkPad W510 is power packed with:
- Latest Intel® Core™ i7 Processors with Turbo Boost Technology
- Genuine Windows® 7 Professional 32
- Lenovo’s Enhanced Experience for Genuine Windows® 7
- Embedded X-Rite Color Calibration
- Improved ThinkPad keyboard and Multi-Touch Touchpad
- Elegant Multi-Touch panel
- New USB 3.0 Technology

HIGHER EXPANDABILITY
ThinkPad W510 supports a large choice of ports and slots for additional expansion, including:
- Next generation Mini Dock Expansion
- Raid 0,1 Support (via Bay Adapter)
- Dedicated 34mm Express Card slot and 5-in-1 MMC Reader®
- Additional USB Ports and USB/eSATA Combo Port
- Multiple SSD or HDD’s

UNCOMPROMISED PERFORMANCE
ThinkPad W510 combines the highest performing:
- Intel® Core™ i7 Processors with Intel® Turbo Boost Technology
- Genuine Windows® 7 Operating System
- NVIDIA® Quadro® FX Graphics
- SSDs with Encryption, 2.5" HDDs, WLAN and WWAN
- Gobi™ is the embedded choice for mobile broadband technology that connects your laptop to the Internet via leading 3G networks around the world.
- RAID 0,1 Support

ENVIRONMENTALLY RESPONSIBLE
ThinkPad W510 supports the following environmental standards with:
- The most energy-efficient features
- An EPEAT® Gold qualified notebook (LED backlight systems)
- Energy Star® compliant
- New Power Management utility and enhanced features for lower power consumption and improved battery life

THINKPAD W510—TOP REASONS TO OWN
- CUTTING-EDGE TECHNOLOGY
- HIGHER EXPANDABILITY
- UNCOMPROMISED PERFORMANCE
- ENVIRONMENTALLY RESPONSIBLE

LENovo ENHANCED EXPERIENCE FOR WINDOWS® 7.
FAST. SECURE. BUILT FOR BUSINESS.
Discover a better way of doing business with the new Lenovo Enhanced Experience for Windows® 7 on Think PCs. Faster, more durable and greener Think PCs are optimized for Windows® 7 to deliver improved ease of use. It enhances productivity and foolproof security that your business cannot do without.
SOFTWARE OFFERINGS

THE LENOVO® THINKPAD® W510 NOTEBOOK

SUPPORTED OPERATING SYSTEMS
- Genuine Windows® 7 Professional 32
- 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

SUPPORTED THINKVANTAGE® TECHNOLOGIES
- ThinkVantage Access Connections™
- ThinkVantage Fingerprint Software
- ThinkVantage Productivity Center
- ThinkVantage Rescue and Recovery®
- ThinkVantage System Update
- ThinkVantage Client Security Solution

SERVICE OFFERINGS

PRODUCTIVITY, PERFORMANCE AND SECURITY

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<tr>
<th>THINKPLUS™ SUPPORT</th>
<th>THINKPLUS™ PROTECTION</th>
<th>THINKPLUS™ ENTERPRISE SOLUTIONS</th>
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<tr>
<td>Lowers the overall IT support costs and reduces unbudgeted support and repair expenses.</td>
<td>Protects PCs and data from unexpected intruders—saves money, reduces hassles and offers peace of mind.</td>
<td>Offer peace of mind with Lenovo as a single-point-of-contact—manages infrastructure, consolidates contracts and streamlines the number of vendors.</td>
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<tr>
<td><strong>ThinkPlus Priority Support:</strong> Provides globally recognized technical support for your business—increases helpdesk productivity with 24 x 7 advanced-level technical support and service call-tracking tools with:</td>
<td><strong>ThinkPad Protection (TPP):</strong> Includes repair of accidental damage, drops, or spills not covered by warranty  • Complete protection to a desired term  • 24 x 7 toll-free access to Lenovo technicians  • Unlimited repairs covering accidental damage issues  • Replacement with new system, if required</td>
<td><strong>Lenovo Professional Services:</strong> Offer professional engineering and project management services to implement new technologies.</td>
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<td>• Reduced Troubleshooting Time</td>
<td><strong>Hard Disk Drive Retention:</strong> Allows you to retain your hard drive if it fails and thus protects data from falling into the wrong hands.</td>
<td><strong>Lenovo Imaging Services:</strong> Offer image creation, image verification and management services.</td>
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<td>• Fewer Repair Actions</td>
<td></td>
<td><strong>Lenovo Managed Deployment:</strong> Offers factory integration, imaging, installation, deployment and consulting services.</td>
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<tr>
<td>• Faster response</td>
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<td><strong>Lenovo Asset Recovery Services:</strong> Recover value from old assets and help you dispose data securely—turns old PC trash into cash.</td>
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<tr>
<td>• Reduced downtime, higher satisfaction</td>
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<td><strong>Base Warranty Service:</strong> Provides the Lenovo standard award-winning service and support.</td>
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<td><strong>ThinkPlus Warranty Extension and Upgrade:</strong> Protects investment and increases productivity with the enhanced service-level upgrade and term extension.</td>
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<td><strong>ThinkPlus Priority 4:</strong> Offers enhanced onsite response within 4 hours for critical IT support needs.</td>
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THE LENOVO® THINKPAD™ W510 NOTEBOOK SPECIFICATIONS

**MODEL NAME – W510**

**CPU/Chipset**
- Intel® Core™ i7-720QM Processor (1.6GHz, 6MB L3 Cache, 1333MHz FSB, 45W)
- Intel® Core™ i7-820QM Processor (1.73GHz, 8MB L3 Cache, 1333MHz FSB, 45W)
- Intel® Core™ i7-920XM Processor (2.0GHz, 8MB L3 Cache, 1333MHz FSB, 55W)

**Preloaded Operating Systems**
- Genuine Windows® 7 Professional 32
- Genuine Windows® 7 Professional 64
- Genuine Windows® Vista® Business 32
- Genuine Windows® Vista® Business 64
- Genuine Windows® XP Professional

**Memory**
- Up to 16GB 1333 MHz DDR3 Memory

**Graphics**
- NVIDIA® Quadro® FX 880M (1GB DDR3)

**Storage**
- 128 / 160 / 256 GB SSD
- 160 GB (5400 RPM / 250 GB (5400 / 7200 RPM) / 320 GB (5400 / 7200 RPM) / 500 GB (7200 RPM) HDD

**Keyboard**
- Ergonomically designed keyboard and Multitouch TouchPad with palm rest, wider left and right click buttons, VoIP Fn + F6 hotkey and Power On, Caps Lock, Audio Mute and Fingerprint Reader® with LED indicator (W510)

**Advanced Communications**
- Integrated Mobile Broadband (Gobi™ 2000 3G with GPS) - ROW
- WWAN, WLAN, WiMAX, Bluetooth®
- Constant Connect*

**Supported Wireless Communication**
- Intel® WiLink 6200 2 x 2
- Intel® WiLink 6300 3 x 3
- Intel® 2 x 2 6250 with WiMax
- ThinkPad WLAN Realtek 1 x 2

**Dimensions**
- 372.85mm x 245.1mm x 35.8mm

**Weight**
- Starting at 5.89 lbs / 2.67kg (6 Cell)

**Display**
- All LED 15.6" HD (1366x768) 16:9 aspect
- 15.6" HD+ (1600x900) 16:9 aspect
- 15.6" LED FHD (1920x1080) 16:9 aspect

**Ports and Slots**
- Ports: 4 USB ports (1 USB 3.0), 1 USB/eSATA Combo, Powered USB, IEEE 1394a, VGA, Microphone/line-in, Headphone/line-out
- Slots: Express Card 34mm, 5-in-1 MMC Reader®, Optional Contact or Contact-less Smart Card Reader®

**Preloaded Software**
- Adobe® Acrobat® Reader®
- Microsoft® Office Ready 2007
- Microsoft® Windows Live™ toolbar and search
- Roxio® Creator™
- Intervideo WinDVD (DVD models only)
- Intervideo WinDVD Creator™ (DVD models only)
- McAfee® VirusScan® Plus with 30-days of virus definition updates
- Creator™ Business Edition (combo models)
- Creator™ Business Edition with MYDVD (DVD Burner)
- PC-Doctor diagnostics
- Sun™ JRE™
- ThinkPad Utilities (Power Manager and Presentation Director), Huey Pro Color Calibration Software

**Other Features**
- 2 Megapixel Camera
- Combo Audio Jack (3.5mm)
- Microphone and Audio mute button

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*US only, requires 34mm Express Card
**THE LENOVO THINKPAD® W510 NOTEBOOK OPTIONS**

### ThinkPad Mini Dock Plus Series 3 for Mobile Workstations (433820U)*
- Quick and easy access to peripherals
- 6 USB 2.0 ports, RJ-45 gigabit Ethernet, E-SATA connector
- Five video ports (2-DisplayPort, 1-VGA analog, 2-DVI digital)
- Use any two video ports to attach two monitors
- Ships with a 135 Watt Power Adapter

### Lenovo ThinkVision L2251p Monitor (2572HD6)
- 22" Wide with 1680x1050 resolution
- VGA + DisplayPort interfaces for easy dual monitor display
- Full function ergonomic stand
- 29% more efficient than ENERGY STAR® 5.0 Standard

### Lenovo ThinkVision L2440p Monitor (4420HB2)
- 24" Wide with 1920x1200 resolution for productivity
- VGA + DVI-D interfaces and USB Hub for connection flexibility
- EPEAT® Gold*, TCO Displays 5.0 certified

### Carry battery spares, or replace system batteries when charge capacity diminishes with time
- **51J0499** ThinkPad Battery 25+ (6 cell)
- **51J0500** ThinkPad Battery 25++ (9 cell)

### Easily transport and protect your ThinkPad against bumps and jostles
- **43R2476** – ThinkPad Business Topload Case
- **43R2482** – ThinkPad Business Backpack
- **57Y4271** – Wenger Backpack for Lenovo

### Have a spare AC adapter at home, or in your carry case.
- **55Y9317** 135W AC Adapter*

### ThinkPad eSATA/USB 500GB Secure Hard Drive (57Y4400)
- Secure valuable data
- AES 256-bit full data encryption
- Administrative password management
- Shock-mounted hard drive for enhanced durability
- No AC power adapter, or software installation required

### ThinkPad USB Keyboard with TrackPoint (55Y9003)
- Integrated TrackPoint – no external mouse
- Function keys for quick access to variety of ThinkPad features
- Spill Resistant

### ThinkPad Mini Dock Plus Series 3 for Mobile Workstations (433820U)
- Quick and easy access to peripherals
- 6 USB 2.0 ports, RJ-45 gigabit Ethernet, E-SATA connector
- Five video ports (2-DisplayPort, 1-VGA analog, 2-DVI digital)
- Use any two video ports to attach two monitors
- Ships with a 135 Watt Power Adapter

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*Note: ThinkPad Mini Dock Plus Series 3 for Mobile Workstations (433820U) and 135W AC Adapter are optimized for W510, but is compatible to T400s, T410s, T410 and T510.*