

Lenovo® recommends Windows Vista® Business.

## LENOVO THINKPAD® W700 MOBILE WORKSTATION

WHERE GREAT IDEAS MEET POWER-PACKED ENGINEERING.



### SUPERIOR GRAPHICS EXPERIENCE

- NVIDIA® Quadro® FX MXM based Graphics Solutions with 256-bit memory interface, 512MB or optional 1GB dedicated video memory, DirectX10, Shader Model 4.0, OpenGL 2.1, and 128-bit color precision. Net: Uncompromised graphics performance driving industry leading professional applications.
- Brilliant 17" display featuring WUXGA (1920x1200) resolution, high brightness (400nit) and a wide color gamut (72% Adobe® RGB). Typical notebook computers offer 180-200nit displays with 45% color gamut. Net: The ThinkPad W700 mobile workstation couples the industry's best GPU with a display on par, with high end professional desktop monitors.
- Completing the graphics experience, the ThinkPad W700 mobile workstation ensures the presentation is not only fast, bright and rich in color, it is also correct. An industry first integrated Pantone® color calibrator is built into the ThinkPad mobile workstation to automatically adjust the display color quality up to 60 percent more accurately ensuring a supreme visual experience for demanding digital photography, rendering 2D/3D design and many other environments requiring accurate image representation.



### CUTTING EDGE TECHNOLOGIES

- Top end Intel® CPUs including the dual-core, quad-core & Extreme Processors.
- An industry first integrated 128x80mm Wacom® digitizer and pen allows for the true mobile workstation experience by not having to carry additional hardware.
- Dual integrated HDD bays enabled for optional RAID 0 or RAID 1 configurations allow for high-speed or high reliability operating modes utilizing industry-leading drives up to 320GB each. Using the optional Ultrabay™ HDD provides up to 960GB of storage on the system unit.
- Solid State Drives allow for high-speed data access. A popular configuration is combination of SSD and the 320GB drives to provide high-speed system performance coupled with massive user file storage.
- ThinkPad W700 mobile workstation offers native Dual Link DVI-D as well as DisplayPort digital monitor connectivity. This provides the capability of driving two high-resolution digital monitors simultaneously direct from the system or from the available ThinkPad W700 mobile workstation mini-dock.

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The new ThinkPad W700 mobile workstation is thoughtfully designed to give users uncompromised performance, stability, and the ultimate visual experience. As Lenovo's first notebook with a 17" display, the ThinkPad W700 mobile workstation delivers an unparalleled viewing experience with a combination of leading technologies. Its optional 400nit WUXGA display provides up to twice the brightness of typical displays, and its wide color gamut provides greater color intensity than a typical display. The high resolution, extreme brightness and wide color gamut coupled with the NVIDIA® Quadro® FX MXM based Graphics Solution results in a user experience unequalled in a mobile workstation today. The ThinkPad W700 mobile workstation takes customer driven innovation to a new level with a built-in palm rest digitizer and color calibrator. The calibrator automatically adjusts the display's color for true Pantone color in half the time of external calibrators, resulting in the most accurate, true-to-life images in an integrated package.



### ISV CERTIFICATION

- Complete testing and certification of key Independent Software Vendor (ISV) applications to ensure business critical applications are compatible with the ThinkPad W700 mobile 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, SolidWorks), PTC (Pro/E), UGS (NX), Landmark (GeoProbe), Avid (SoftImage) and many others.

### TOP PERFORMANCE TARGETED TOWARDS KEY INDUSTRIES



#### OIL AND GAS—Extreme CPU, 2 high-resolution external panels, external storage

- NVIDIA® Quadro® FX MXM based Graphics Solution, 256-bit memory interface, 1GB dedicated
- Dual Link DVI and DisplayPort
- eSATA on mini-doc for massive data sets
- ISV: GeoProbe, Focus, Petrel, ArcView3D, GeoFrame



#### CAD/CAM/EDA—Top GPU, high-resolution panel, RAID storage, dedicated numeric keypad

- NVIDIA® Quadro® FX MXM based Graphics Solution, w/512MB dedicated
- 17" WUXGA high brightness (400nit)
- 2 fast HDDs capable of supporting RAID 1 or RAID 0 configurations
- Dedicated 10 key numeric keypad
- ISV: CATIA, AutoCAD, Pro/E, UGS NX



#### DCC/PHOTOGRAPHY—Top GPU, large panel, digitizer, attached storage, true color

- NVIDIA® Quadro® FX MXM based Graphics Solution, 256-bit memory interface, 1GB dedicated
- Wide Gamut (72%) High Bright (400nit)
- Integrated color calibrator
- Palm Rest Wacom® digitizer
- ISV: Maya, SoftImage, 3ds Max, All Adobe



#### SCIENCE/PUBLIC SECTOR—Top CPU, daylight readable panel, RAID storage, dedicated numeric keypad, security

- NVIDIA® Quadro® FX MXM based Graphics Solution, w/512MB dedicated
- Core™2 Extreme CPU (dual and quad-core)
- 17" WUXGA high brightness panel
- SmartCard/Fingerprint/FDE/BIOS Lock
- ISV: Triplos Sybyl, Adobe

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## THINKPAD W700 MOBILE WORKSTATION SPECIFICATIONS

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

Intel® Core™2 Duo processor T9400  
(2.53GHz, 6MBL2, 1066MHz FSB)  
Intel® Core™2 Duo processor T9600  
(2.8GHz, 6MBL2, 1066MHz FSB)  
Intel® Core™2 Extreme  
Intel® Quad Core Extreme

### Preloaded Operating System

Genuine Windows Vista® Ultimate 32  
Genuine Windows Vista® Business 32  
Genuine Windows Vista® Business 64

### Serial ATA Hard Drives

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

### Memory

Up to 8GB PC3-8500 1066MHz

### Security

Standard: ThinkVantage® Client Security with  
Password Manager, TPM 1.2 chip, BIOS enable/  
disable of all ports  
Optional: Integrated Fingerprint Reader,  
SmartCard Reader, Full Disk Encryption HDD,  
Optional Softex OminPass and Utimaco SGE

### Other Features

Optional integrated camera, two white  
ThinkLight® lights

**ThinkPad Shock-Mounted Hard Drive**  
Standard

**Integrated Fingerprint Reader**  
Standard

### Dimensions

16.1 x 12.2 x 1.6"  
410x310x41mm

### Weight

3.76kg (8.3lb)

### Display

WUXGA (400nit) - 1920 X 1200 17.0"  
WXGA+ 1440 X 900 17.0"

### Graphics

Discrete OpenGL Graphics  
NVIDIA® Quadro® FX 3700M  
NVIDIA® Quadro® FX 2700M

### Optical Drive

DVD-RPM, 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 Communications

Gigabit Ethernet  
Ultra WideBand (UWB) available later in 2008 in the  
U.S. & Japan only  
Bluetooth® 2.0  
WiMAX available later in 2008

### Limited Warranty

1 yr, 3 yr system/1 yr battery

### Included Software

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 (OEM Edition) with 30 days of virus definition  
updates; Creator Business Edition (combo models);  
Creator Business Edition + MYDVD (DVD Burner);  
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® System Migration Assistant™  
(license-CD not included); ThinkVantage® Client  
Security Solution

### Ports and Slots

5 USB, IEEE1394,VGA, DisplayPort, Dual Link DVI,  
Microphone/Line In, Headphone/line-out

### Slots:

Multimedia Card Reader (7-in-1)  
34mm ExpressCard

### Optional:

54mm ExpressCard  
SmartCard Reader  
Compact Flash Reader

### ISV Certified Software

Including Autodesk (AutoCAD, Maya), Dassault  
Systems (CATIA, SolidWorks), PTC (Pro/E), UGS (NX),  
Landmark (GeoProbe, Avid (SoftImage)

## THINKVANTAGE® TECHNOLOGIES

Complete the workstation experience with outstanding enterprise solutions.

- Access Connections 5.0 is a new user interface that includes Vista® Gadget for quick and simple access; the new platform also operates with an easy wireless Internet connection and automatic profile creation.
- Lenovo Power Analyzer monitors, models and reduces your company's PC energy footprint to help your company exceed its green objectives through the remote deployment and control of client power usage profiles and a time-based control that enables the shut off of PCs during evenings and weekends
- Trusted ThinkPad layered security, including support for Trusted Platform Module (TPM), ThinkVantage® Client Security, hardware-based HDD encryption, and an optional Fingerprint Reader

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**DESIGNED TO DO THE UNEXPECTED**

**MAKE AN AMAZING MOBILE WORKSTATION EVEN BETTER.**

## THINKPAD W700 MOBILE WORKSTATION ACCESSORIES



**ThinkPad 1GB/2GB PC3-8500 1066MHz DDR3 SODIMM Memory (43R1987/43R1988)**

The lowest cost method to boost system performance, enhance multi-tasking usability, extend system useful life, and ensure systems capability.



**ThinkPad 17W Business Topload Case (43R9117)**

Perfect for customers wanting an entry-level case with executive styling; compatible up to 17" wide with a durable and feature-rich carrying case.



**ThinkPad 170W AC Adapter (41R4421)**

Have a spare power adapter at home or in your carrying case; 830g (1.83lb).



**ThinkPad W700 Mobile Workstation 9-cell Li-Ion Battery (45J7914)**

Carry spare batteries or replace system batteries when charge capacity diminishes with time; 10.8 V, 7.8 Amp/Hr.

Image not available

**ThinkPad W700 Mobile Workstation Mini Dock (43R8782)**

Rear ports offer enhanced cable management and connectivity; quick and easy access to peripherals with 4 USB 2.0 ports.



**ThinkPad Bluetooth® Laser Mouse (41U5008)**

Small, compact, portable, ambidextrous travel mouse for on-the-go or everyday use.



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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] **Memory:** Lenovo notebooks have a new 64-bit architecture. Memory can be expanded to 3 or 4 GB of addressable memory, depending on whether the operating system is 32- or 64-bit. Notebooks with a Windows Vista 32-bit or previous Windows 32-bit operating system can support up to 3 GB of addressable memory. Notebooks with a Windows Vista 64-bit operating system can support up to 4 GB of addressable memory. [2] **Switchable graphics:** Memory may be limited to 2.5 GB on models with a 32-bit operating system, depending on configuration and applications, for selected switchable graphics models. [3] **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. [4] **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. [5] **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. [6] **Mobile processors:** Power management reduces processor speed when in battery mode. [7] **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. [8] **Hard disk drive:** GB=1,000,000,000 bytes. Accessible capacity is less; up to 4GB is service partition. [9] **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 4GM DIMMs. [10] **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. [11] **The Bluetooth word mark and logos:** are owned by Bluetooth SIG, Inc. and any use of such marks by Lenovo is under license. [12] **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. [13] **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges. [14] **Included Software:** may differ from its retail version (if available) and may not include user manuals or all program functionality. Listed ThinkVantage Technologies and Included software not applicable. [15] **System Memory:** Maximum memory capacity may require the replacement of standard component with largest component available. Lenovo notebooks have a new 64-bit architecture. Memory can be expanded to 3 or 4 GB of addressable memory, depending on whether the operating system is 32- or 64-bit. Notebooks with a Windows Vista 32-bit or previous Windows 32-bit operating system can support up to 3 GB of addressable memory. Notebooks with a Windows Vista 64-bit operating system can support up to 4 GB of addressable memory. Memory may be limited to 2.5 GB on models with a 32-bit operating system, depending on configuration and applications, for selected switchable graphics models. [16] **Display:** LED backlight display are available on ThinkPad R400 models. **The following are trademarks of Lenovo:** Lenovo, the Lenovo logo, Access Connections, Active Protection System, Rescue and Recovery, System Migration Assistant, ThinkPad, ThinkVantage, TrackPoint, Ultrabay, UltraConnect, and UltraNav. IBM and the IBM logo are registered trademarks of IBM and are used under license. 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