

WHERE GREAT IDEAS MEET POWER-PACKED ENGINEERING

LENOVO® THINKPAD® W700ds MOBILE WORKSTATION



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 colour precision. Net: Uncompromised graphics performance driving industry leading professional applications.
- Two brilliant displays to increase productivity: one 17" display featuring WUXGA (1920x1200) resolution, high brightness (400nit) and a wide colour gamut (72% Adobe® RGB) and an additional 10.6" wide display that increases the complete display area by 39%. Typical notebook computers offer 180-200nit displays with 45% colour gamut. Net: The ThinkPad® W700ds mobile workstation couples the industry's best GPU with a display that's on par with high end professional desktop monitors.
- Completing the graphics experience, the ThinkPad® W700ds mobile workstation ensures the presentation is not only fast, bright and rich in colour, but also correct. An industry first integrated Pantone® colour calibrator is built into the ThinkPad® mobile workstation to automatically adjust the display colour quality up to 60 percent more accurately, ensuring a supreme visual experience for demanding digital photography. The calibrator is perfect for rendering 2D/3D designs and many other environments requiring accurate image representation.



CUTTING-EDGE TECHNOLOGIES

- Top-end Intel® CPUs including the dual-core, quad-core and 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, allowing your business to be fully mobile.
- 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 combines SSD and the 320GB drives to provide high-speed system performance coupled with massive user file storage.
- ThinkPad® W700ds 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® W700ds mobile workstation Mini Dock.

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WHERE GREAT IDEAS MEET POWER-PACKED ENGINEERING

LENOVO® THINKPAD® W700ds MOBILE WORKSTATION

The new ThinkPad® W700ds 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 and an additional 10.6" display, the ThinkPad® W700ds mobile workstation delivers an unparalleled viewing experience with a combination of leading technologies. In addition, the 400nit WUXGA display provides up to twice the brightness of typical displays, and its wide colour gamut provides greater colour intensity than a typical display. The high resolution, extreme brightness and wide colour gamut coupled with the NVIDIA® Quadro® FX MXM based Graphics Solution results in a user experience unequalled in a mobile workstation today. The ThinkPad® W700ds mobile workstation takes customer driven innovation to a new level with a built-in palm rest digitizer and colour calibrator. The calibrator automatically adjusts the display's colour for true Pantone® colour in half the time of external calibrators, resulting in the most accurate, true-to-life images in an integrated package, perfect for photography professionals.



ISV CERTIFICATION

- Complete testing and certification of key Independent Software Vendor (ISV) applications to ensure business critical applications are compatible with the ThinkPad® W700ds 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 with AutoCAD and Maya, Dassault Systems (CATIA, SolidWorks), PTC (Pro/Engineer), UGS (NX), 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
- Genuine Windows Vista® Business
- Dual Link DVI and DisplayPort
- eSATA on Mini Dock for massive data sets
- ISV: Petrel, ArcView3D



CAD/CAM/EDA—Top GPU, 2 high-resolution external panels, RAID storage, dedicated numeric keypad

- NVIDIA® Quadro® FX MXM based Graphics Solution, w/512MB dedicated
- Genuine Windows Vista® Business
- 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, 2 high-resolution external panels, digitizer, attached storage, true colour

- NVIDIA® Quadro® FX MXM based Graphics Solution, 256-bit memory interface, 1GB dedicated
- Genuine Windows Vista® Business
- Wide Gamut (72%) High Bright (400nit)
- Integrated colour 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
- Genuine Windows Vista® Business
- Core™ 2 Extreme CPU (dual and quad-core)
- 17" WUXGA high brightness panel
- SmartCard/Fingerprint/FDE/BIOS Lock
- ISV: Tripos Sybyl, Adobe®

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THINKPAD® W700_{ds} MOBILE WORKSTATION SPECIFICATIONS

Processor (speed, L2 cache, FSB)⁵

- Intel® Core™ 2 Duo Processor T9400 (2.53GHz, 6MB L2, 1066MHz FSB)
- Intel® Core™ 2 Duo Processor T9600 (2.8GHz, 6MB L2, 1066MHz FSB)
- Intel® Core™ 2 Quad Core Q9100 (2.26GHz, 12MB Cache, 1066MHz FSB)
- Intel® Core™ 2 Extreme X9100 (3.06GHz, 6MB L2 Cache, 1066MHz FSB)
- Intel® Core™ 2 Quad Core Extreme QX9300 (2.53GHz, 12MB L2 Cache, 1066MHz FSB)

Preloaded operating system⁶

- Genuine Windows Vista® Business 32 bit
- Genuine Windows Vista® Business 64 bit
- Genuine Windows Vista® Ultimate 64 bit
- Genuine Windows® XP Professional 32 bit

Memory¹

- Up to 8GB DDR3

Security

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

Other features

- Optional integrated camera, two white ThinkLights

ThinkPad® Shock-Mounted Hard Drive

- Standard

Integrated Fingerprint Reader

- Standard

Dimensions

- 410 x 310 x 52.2 millimeters

Weight²

- 4.96 kg

Main Display⁹

- WUXGA (400nit) - 1920 X 1200—17.0h
- WXGA+ 1440 X 900—17.0h
(Note: Dual Screen supported only with WUXGA LCD on main display)

Integrated Second Display⁹

- WXGA (230nit) - 768 x 1280 - 10.6"

Graphics

- Discrete OpenGL Graphics
- NVIDIA® Quadro®
- FX 3700M PCI Express 1GB
- FX 2700M PCI Express 512MB

Optical Drive

- 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 communications³

- Gigabit Ethernet
- Modem
- Bluetooth® 2.0

Limited Warranty⁴

- 3 year system / 1 year battery

Li-Ion Battery Life⁷

- 2.0 Hr (9 Cell) 85Whr

Included Software⁸

- 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, Display Port, Dual Link DVI, Microphone/Line In, Headphone/line-out

Slots

- Multi-media Card Reader (7in1)
- 34mm Express Card

Optional

- 54mm Express Card
- Smart Card Reader
- Compact Flash Reader

ISV Certified Software¹⁰

- Autodesk (AutoCAD, Maya, etc.)
- Dassault Systems (Catia, Solid Works), PTC (Pro/E Wildfire), Avid (SoftImage/ XSI)
- ESRI (Arc GIS)
- Siemens (I-DEAS 5mX, I-DEAS 6mX, Solid Edge V21, UGS NX5, etc.)

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 the PC energy footprint of your business to help 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 integrated Fingerprint Reader

THINKPAD® W700ds MOBILE OPTIONS AND ACCESSORIES



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

- The lowest cost method to boost system performance, enhance multi-tasking usability, extend system useful life, and ensure system's capability, not to mention making your Microsoft® operating system experience even better

ThinkPad® W700 Mini Dock (45J79xx)

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



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

Lenovo® ThinkVision™ L2440x Wide Monitor (T41HBxx / R41HBxx)

- Lenovo's first low halogen, mercury-free and arsenic-free monitor
- Pioneering new energy conservation and recycling technologies, using up to 60% less power than conventional models while delivering exceptional screen performance



Note: Shown with optional ThinkVision® Soundbar (45K12xx)



ThinkPad® 170W AC Adapter (41R44xx)

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

3DConnexion SpaceExplorer 3D Mouse (41A2547)

- 3D mouse of choice for design professionals who demand both comfort and performance
- Unlike conventional mice, limited to movement on two flat planes, supports effortless motion in all dimensions



ThinkPad® W700 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

ThinkPad® USB Portable Secure Hard Drive-320GB (43R2019)

- Physically secure your valuable data in case of theft or loss using 128-bit Advanced Encryption Standard (AES) security
- Slim, lightweight, self-powered, integrated numeric keypad design



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Footnotes: [1] Memory: Lenovo notebooks have a new 64-bit architecture. Notebooks with a Windows Vista 32-bit or previous Windows 32-bit operating system can support up to 2.5GB of addressable memory. Notebooks with a Windows Vista 64-bit operating system can support up to 8GB of addressable memory (on select models). Maximum capacity may require purchase of optional component. Subject to availability of 4GM DIMMs. [2] Weight: Includes battery and may vary due to vendor components, manufacturing process and options. [3] Wireless service providers: Coverage not available in all areas. Service available via select service providers and is available in select 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. [4] Limited warranty: Support unrelated to a warranty issue may be subject to additional charges. 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. [5] Mobile processors: Power management reduces processor speed when in battery mode. [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 and enter your machine type and model number for more information. [7] Battery: These model numbers achieved Battery Run-down Time of at least the time shown during testing. [8] 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. Trademarks: UltraBay, Access Connections are trademarks of Lenovo Group Ltd. Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkVantage, ThinkLight, TrackPoint and UltraNav are trademarks or registered trademarks of Lenovo Group Ltd. Core™ 2 is a trademark of Intel Corporation in the U.S. and other countries. Intel is a registered trademark of Intel Corporation in the U.S. and other countries. Windows Live is a trademark of Microsoft Corporation. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. Bluetooth is a registered trademark of Bluetooth SIG Inc. Wacom is a registered trademark of Wacom Company Ltd. VirusScan is a registered trademark of McAfee Incorporated. NVIDIA and Quadro are registered trademarks of NVIDIA Corporation. Adobe is a registered trademark of Adobe Systems Incorporated. Pantone is a registered trademark of Pantone Incorporated. Other company, product and service names may be trademarks or service marks of others. [9] DisplayPort: DisplayPort to Single-Link DVI-D Monitor Cable (45J7915) is not supported. [10] ISV Certified Software: For the detailed list contact your sales representative.

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