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 color 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 color 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% color 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 color, but 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. 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.
Lenovo® recommends Windows Vista® Business.

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 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® W700ds 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, 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
• 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
• 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 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: Tripos Sybyl, Adobe®
Lenovo® recommends Windows Vista® Business.

**THINKPAD® W700ds MOBILE WORKSTATION SPECIFICATIONS**

Processor (speed, L2 cache, 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)
- 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 system
- Genuine Windows Vista® Business 32 bit
- Genuine Windows Vista® Business 64 bit
- Genuine Windows Vista® Ultimate 64 bit
- Genuine Windows® XP Professional 32 bit

Memory
- 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
- 16.1 x 12.2 x 2.1 inches
- 410 x 310 x 52.2 millimeters

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

Included Software
- Adobe® Acrobat Reader®
- Microsoft® Office Ready 2007
- Microsoft Windows Live™ Toolbar & Search
- Roxio® Creator
- Intevideo WinDVD® (DVD models only)
- Intevideo 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 (confirm), VGA, Display Port, Dual Link DVI, Microphone/Line In, Headphone/line-out
- Multi-media Card Reader (7in1)
- 34mm Express Card

Optional
- 34mm Express Card
- Smart Card Reader
- Compact Flash Reader

ISV Certified Software
- Autodesk (AutoCAD, Maya)
- Dassault Systems (Catia, Solid Works), ETC (Pro/E), Avid (SoftImage)

Thinksense® 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® recommends Windows Vista® Business.