

Lenovo® recommends Windows Vista® Business.

ThinkPad®



**LENOVO THINKPAD NOTEBOOKS
DON'T JUST MEET YOUR EXPECTATIONS.
THEY EXCEED THEM.**

 www.lenovo.com



ThinkPad® Ideas

Roll Cage Protection
Hard Drive Protection
Spill-resistant Keyboard
Data Recovery Software

lenovo®

NEW WORLD. NEW THINKING.™

WE DON'T JUST BUILD THINKPAD NOTEBOOKS. WE ENGINEER THEM.

Back in 1993, the ThinkPad® became the first notebook to accompany the NASA team to space. In 1995, the ThinkPad went on display at the Museum of Modern Art in New York as a design masterpiece. In 2007, the ThinkPad featured the world's first integrated Fingerprint Reader, Face Recognition technology and Roll Cage protection. Today, more than 30 million ThinkPad notebooks have been sold in more than 160 countries worldwide.

At Lenovo, innovation never stops. Every technological breakthrough or benchmark-setting quality standard is considered another challenge to do better. Push farther. Design and build PCs that are faster, lighter, more intuitive and more capable than ever before. It's this disregard for

the status quo that makes Lenovo engineers constantly challenge convention. They experiment. They test. They excel. And exceed every expectation.

LENOVO'S COST-SAVING ADVANTAGE

Every Lenovo ThinkPad notebook comes with a unique suite of cost-saving utilities known as ThinkVantage® Technologies. These are a set of built-in tools that help you save time, energy and money at every phase of your PC's lifecycle (learn more on page 16).

Lenovo also offers an amazing range of accessories to compliment your notebooks. For more information go to www.lenovo.com/accessories/uk

ThinkPad notebooks are extremely durable:

- Magnesium-alloy Roll Cage
- Shock-mounted hard disk drives
- Water-resistant keyboard
- Stainless steel hinges

ThinkPad notebooks are highly secure:

- Highest standard PC security
- Client Security Solution
- Rescue and Recovery™ at the touch of a button
- Biometric fingerprint reader
- Active Protection System™

ThinkPad notebooks are environmentally responsible:

- LED backlight, mercury-free displays
- Cool and quiet fan system—reduces heat and power consumption
- Switchable graphics feature—uses 15% less power than previous ThinkPad T Series notebooks
- Solid State Drives—uses 90% less power than standard hard disk drives
- BatteryStretch feature
- Recyclable materials



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LENOVO THINKPAD NOTEBOOKS. GREAT VALUE, NO-COMPROMISE COMPUTERS.



THINKPAD T SERIES

FOR ANYONE WHO WANTS A NO-COMPROMISE NOTEBOOK.

The perfect balance of performance, portability and energy efficiency in a thin and light design.



THINKPAD X SERIES

FOR ULTRA-MOBILE USERS.

Extremely light and portable, exceptionally long battery life, reliable, strong CPU performance and energy-efficient.



THINKPAD R SERIES

FOR COMPANIES LOOKING FOR COST-EFFECTIVE PRODUCTIVITY.

The best blend of productivity, mobility, security and performance—keeping total cost of ownership low and productivity at the forefront.



THINKPAD W SERIES

FOR HIGHLY DISCERNING PROFESSIONALS.

ThinkPad W Series mobile workstations offer lightning-fast processors, advanced discrete graphics, high-resolution displays, integrated colour calibration and palm-rest digitiser.

THE LENOVO THINKPAD T SERIES. A PROFESSIONAL NOTEBOOK. BUILT FOR WORK. BUILT TO LAST.

If you're looking for a no-compromise notebook for your enterprise, look no further than the ThinkPad T Series. Designed for breakthrough performance, this notebook comes with a host of features like ThinkVantage Technologies, superior connectivity, power-saving attributes, wider screens, high-end graphics and outstanding battery life to push productivity further.

TOP FEATURES

- BEST WIRELESS PERFORMANCE
- SWITCHABLE GRAPHICS
- EPEAT™ GOLD QUALIFIED: 25% LESS ENERGY CONSUMPTION



ThinkPad® Ideas

- Roll Cage Protection
- Hard Drive Protection
- Spill-resistant Keyboard
- Data Recovery Software

LENOVO THINKPAD T400/T500

THE VERY LATEST TECHNOLOGIES

- Genuine Windows Vista® Business
- Switchable graphics (integrated and discrete)
- Solid State Drives for improved performance and reliability
- GPS capable (WWAN models)
- High performing DDR3 memory
- LED backlight displays (on ThinkPad T400 notebook also available high-nit LED, 680 nit option)
- DisplayPort for the next-generation VESA interface incorporating HD video (available on ThinkPad T500)

BEST WIRELESS SOLUTIONS

- A unified WWAN antenna design provides for superior performance in connectivity options and global roaming
- All models feature the best connectivity options and support WWAN and WLAN
- Faster data transfer rates
- Bluetooth® capability



UNCOMPROMISED PERFORMANCE

- Combines the highest performing Intel® Core™2 Duo processor for enhanced notebook management and security

ENVIRONMENTALLY RESPONSIBLE

- Most energy-efficient ThinkPad
- An EPEAT™ Gold qualified notebook (LED backlight systems)
- Industry's first PC with a GREENGUARD® Air Quality certification
- Energy-efficient 25watt processors
- New Power Management utility and enhanced BatteryStretch feature for lower power consumption and improved battery life



THE LENOVO THINKPAD R SERIES. TAKES CARE OF YOUR BUSINESS. AND YOUR INVESTMENT.

The cost-effective ThinkPad R Series notebooks offer great enterprise productivity. Thoroughly designed, the ThinkPad R Series is available in a variety of display sizes and form factors to meet every business need. Together with the award-winning suite of ThinkVantage Technologies, these energy-efficient notebooks slash your total cost of ownership drastically.

TOP FEATURES

COST-EFFECTIVE SOLUTION TO BOOST PRODUCTIVITY
ECO-FRIENDLY DESIGN
GREAT EXPANDABILITY



ThinkPad® Ideas

Roll Cage Protection
Hard Drive Protection
Spill-resistant Keyboard
Data Recovery Software

LENOVO THINKPAD R400/R500

COST-EFFECTIVE SOLUTIONS FOR MAINSTREAM PRODUCTIVITY

- Combines the mainstream performance of the Intel® Core™2 Duo processor with the best blend of reliability, durability, versatility, mobility and security

THE VERY LATEST TECHNOLOGIES

- Switchable graphics (ThinkPad R400 discrete to integrated) to optimise graphic performance and improve battery life when customers run non-graphic intensive applications
- New extended 9-cell battery (available on ThinkPad R400)
- Latest Intel® turbo memory to boost power and performance
- DisplayPort on ThinkPad R500, the next-generation display interface technology, combines HD video and audio to provide better performance, speed and higher resolutions for monitors, TVs and projectors
- Excellent voice and video communication with an integrated 1.3 megapixel camera and digital microphone, with true sound and background noise cancellation, to provide superior speech recognition



BEST WIRELESS SOLUTIONS

- WLAN antenna design provides for superior performance in connectivity with greater throughput and higher bandwidth up to 3x3
- All models feature the best connectivity options and support WLAN
- WWAN support on select ThinkPad R400 notebooks

ENVIRONMENTALLY RESPONSIBLE

- One of the most energy-efficient ThinkPad notebooks
- EPEAT™ Silver rated
- Climate Savers certified
- Greater use of recycled plastics
- Industry's first PC with GREENGUARD® Air Quality certification



THE LENOVO THINKPAD X SERIES. ULTRA-THIN. ULTRA-LIGHT. LOADED WITH FEATURES.

The ThinkPad X Series notebook is ultraportable for ultra-mobile users. The thinnest and lightest of all ThinkPad notebooks, these PCs come loaded with technologies to give you the very best in performance, security and design. Built to push performance to the limit, they are packed with a host of innovative features like proactive security, superior connectivity, GPS, Roll Cage technology, power-saving attributes, long-lasting batteries and a widescreen LED backlight display.

TOP FEATURES

THE THINNEST AND LIGHTEST WITH CUTTING-EDGE DESIGN
EXCEPTIONAL WIRELESS CONNECTIVITY
ULTRA-THIN DVD BURNER (THINKPAD X301)



ThinkPad® Ideas

Roll Cage Protection
Hard Drive Protection
Spill-resistant Keyboard
Data Recovery Software



LENOVO THINKPAD X301

ULTRAPORTABLE CONNECTIVITY

- Superior wireless performance: 3G (HSPA, 2.0Mbps up/7.2Mbps down), up to 450Mbps up/download on 802.11n, My WiFi Technology
- Unified Wireless WAN: Mobile Broadband (WWAN) antenna design to provide superior performance in connectivity options and global roaming
- Assisted GPS (available on WWAN models)
- Bluetooth® enabled
- Updated version of the ThinkVantage Technology Access Connections™ for improved and simplified connectivity

ULTRAPORTABLE PERFORMANCE

- Up to 128GB Solid State Drives provide extremely fast performance (select models 120GB/5400 rpm HDD) compared to a standard Hard Disk Drive
- Powerful Intel® ULV processor technology for optimal design and battery life
- DDR3 Memory and Cantiga Chipset for faster computing and graphics speed
- Ultra-thin DVD Multiburner



ULTRAPORTABLE DESIGN

- 13.3" widescreen LED backlight display
- Extremely lightweight: ThinkPad X301 starts at 1.51kg
- Extremely thin: ThinkPad X301 is just 0.73mm–0.94mm
- All day computing experience with close to 10 hours of battery life
- Legendary ThinkPad reliability and durability

ECO-FRIENDLY

- EPEAT™ Gold qualification and ENERGY STAR™ 4.0 and Climate Savers certifications
- New Power Management utility and enhanced BatteryStretch feature for lower power consumption and improved battery life

ULTRAPROTECTED AND ULTRASECURE

- Enhanced durability with Carbon fiber top cover (used in F1 racing cars) and next-generation lightweight Roll Cage for enhanced display protection
- Spill-resistant keyboard
- Integrated fingerprint reader
- 32-byte pre-boot authentication
- Option to disable all the input and output ports
- Integrated Trusted Platform Module (TPM) 1.2



LENOVO THINKPAD X200

ULTRAPORTABLE PERFORMANCE

- High-performance computing with powerful Intel® Core™2 Duo processors, Cantiga chipset, DDR3 memory, 7200 rpm Hard Disk Drives and optional Solid State Drives
- Genuine Windows Vista® Business
- Faster application loading with Intel® Turbo Memory (select models)

ULTRAPORTABLE DESIGN

- Ultimate portability in a new 12.1" wide and light design (starting weight at 1.34kg)
- All day computing with up to 9.4 hours of battery life
- Great typing experience with 7-row keyboard
- Ultimate multimedia experience with enhanced stereo speaker performance, optional integrated camera and dual array digital microphones

ULTRAPORTABLE CONNECTIVITY

- Superior wireless performance: 3G (HSPA, 2.0Mbps up/7.2Mbps down), up to 450Mbps up/download on 802.11n, My WiFi Technology, ExpressCard
- Assisted GPS (WWAN enabled models)
- Updated version of the ThinkVantage Technology Access Connections™ for improved and simplified connectivity

ULTRAPROTECTED AND ULTRASECURE

- Remote PC Management with Intel® Centrino® 2 with vPro™ technology
- Active Protection System™
- Shock-mounted Hard Disk Drive
- Magnesium-alloy top and bottom cover
- Spill-resistant keyboard
- Optional Full Disk Encryption (FDE)
- Integrated fingerprint reader
- 32-byte pre-boot authentication
- Option to disable all the input and output ports
- Integrated Trusted Platform Module (TPM 1.2)



LENOVO THINKPAD X200t

ULTRAVERSATILE FEATURES

- Convenient interaction with touchscreen, digitiser pen and full-size keyboard
- Low reflectivity and wide viewing angle CCFL, LED or LED Touch displays to match needs of even the most demanding users
- Ultimate multimedia experience with enhanced stereo speaker performance, optional integrated camera and dual array digital microphones
- Improved usability with dual swivel hinge, more sensitive finger touch, palm rejection technology and extra battery charger in the UltraBase™

ULTRAPORTABLE DESIGN

- Extremely lightweight: The ThinkPad X200 tablet starts at just 1.58kg
- Extremely thin; Starting at 26.5mm
- Great typing experience with 7-row keyboard
- New 12.1" widescreen display

ULTRAPORTABLE PROTECTION AND SECURITY

Continues the strong ThinkPad legacy that businesses have come to expect. With legendary design features, superior quality, reliability and durability including the following:

- Shock-mounted storage
- Magnesium-alloy top and bottom cover
- Spill-resistant keyboard
- Full Disk Encryption Hard Disk Drive (FDE—available on select models)
- Fingerprint reader (available on select models)
- 32-byte pre-boot authentication
- Option to disable all the input and output ports
- Integrated Trusted Platform Module (TPM) 1.2
- Active Protection System™



ULTRAPOWERSOME PERFORMANCE

- All day computing experience with over 10 hours of battery life
- Faster speed and longer battery life with the latest Intel® low voltage processors
- High-performance computing with 64GB and 128GB Solid State Drives or 5400 to 7200 rpm Hard Disk Drives
- Faster application loading with Intel® Turbo Memory (select models)

ULTRAPOWERSOME CONNECTIVITY

- Superior wireless performance: 3G (HSPA, 2.0Mbps up/7.2Mbps down), up to 450Mbps up/download on 802.11n, My WiFi Technology, Bluetooth® 2.1, ExpressCard and WWAN performance
- Assisted GPS (available on WWAN models)
- Updated version of the ThinkVantage Technology Access Connections™ for improved and simplified connectivity



THE LENOVO THINKPAD W SERIES. A MOBILE WORKSTATION. GOES WHEREVER YOU GO.

Watch your enterprise's productivity grow with Lenovo's ultra-powerful ThinkPad W Series. Equipped with the advanced NVIDIA® discrete graphics, these mobile workstations deliver unparalleled performance on the move. In fact, the ThinkPad W700 is the first 17" mobile workstation that also features an integrated digitiser and pen to help digitise/manipulate images.

TOP FEATURES

FIRST 17" MOBILE WORKSTATION
INTEGRATED DIGITISER AND PEN (W700)
SUPERIOR SCALABILITY, ISV TESTED AND CERTIFIED

Mobile workstations specially engineered for:

- Oil and Gas users (for 3D geographic models)
- Digital Content Creation/Photography users (for high volume image workflow and 3D Digital Content Creation)
- Computer Aided Creation/Manufacturing users (for complex 3D designs and photo-perfect images)
- Science/Public Sector users (for a trusted computing environment and huge sets of unique data)



ThinkPad® Ideas

Roll Cage Protection
Hard Drive Protection
Spill-resistant Keyboard
Data Recovery Software



LENOVO THINKPAD W500

SERIOUS PERFORMANCE

- High-performance computing with Intel® Core™2 Duo processor, 64-bit dual-core processor technology, Cantiga chipset, DDR3 memory, 7200 rpm Hard Disk Drives and optional Solid State Drives



ISV CERTIFICATIONS

- Comprehensive testing and certification of applications from key Independent Software Vendors (ISVs)
- Affiliations with software industry leaders like Autodesk® and Dassault, Adobe®, AVID, CoCreate, ESRI, PTC, Siemens, SolidWorks and AVEVA
- The ThinkPad W500 workstation continues the strong ThinkPad legacy with legendary design features and is engineered for superior quality, durability and reliability
- Carefully developed to ensure the latest technologies will keep the product viable for the next few years

SUPERIOR GRAPHICS EXPERIENCE

- High-end OpenGL® (Open Graphics Library) with dedicated video memory of up to 512MB for graphic-intensive applications
- Optimised for creating high quality images in 3D space
- Includes the next-generation DisplayPort technology for clearer, crisper images and a larger viewing area
- Improved viewing experience with premium high-resolution, premium WUXGA panels

SECURITY

- Embedded Trusted Platform Module (TPM 1.2)
- Integrated fingerprint reader (optional)
- 32-byte pre-boot authentication
- Option to disable all the input and output ports
- Remote PC Management with Intel® Centrino® 2 with vPro™ technology
- Hard Disk Drives optimised for storage, speed and security including Full Disk Encryption (FDE) Hard Disk Drives



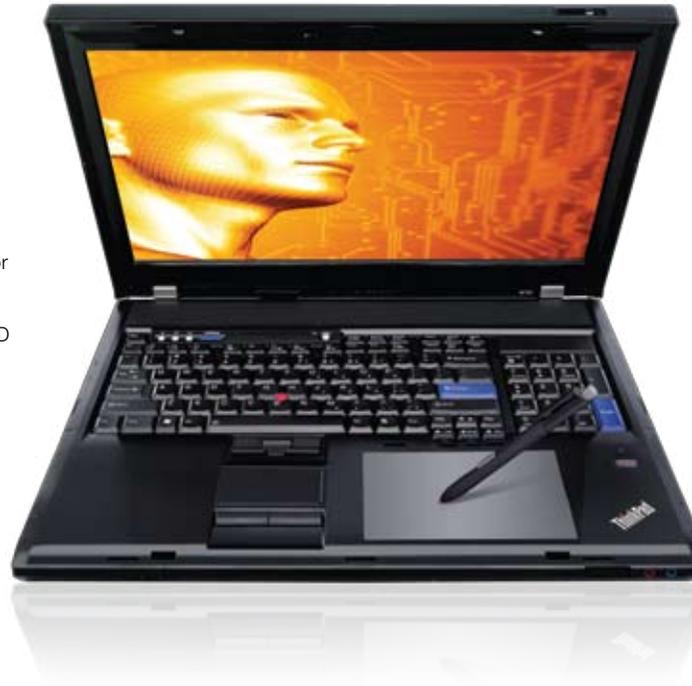
LENOVO THINKPAD W700

SUPERIOR GRAPHICS EXPERIENCE

- Revolutionary high-end visual computing with the OpenGL® NVIDIA® Quadro® FX MXM based Graphics Solution
- Brilliant 17" display featuring WUXGA (1920x1200) resolution, high-brightness (400 nit) and a wide colour gamut (72% Adobe® RGB)
- An industry-first integrated Pantone® colour calibrator is built into the ThinkPad to automatically adjust the display quality ensuring an accurate visual experience for demanding digital photography, 2D/3D design rendering and many other environments requiring accurate image representation

ISV CERTIFICATIONS

- Comprehensive testing and certification of applications from key Independent Software Vendors (ISVs)
- Affiliations with software industry leaders like Autodesk® (AutoCAD, Maya), Dassault Systems (CATIA, SolidWorks), PTC (Pro/E), UGS (NX) and Avid (SoftImage)



CUTTING-EDGE TECHNOLOGIES

- Support for top-end Intel® CPUs including the mobile dual-core and quad-core CPUs (Core™2 Duo and Extreme)
- An industry-first integrated 128x80mm Wacom® digitiser and pen delivers the true mobile workstation experience by not having to carry additional hardware
- Dual Link DVI-D and DisplayPort digital monitor connectivity provides the capability of driving two high-resolution digital monitors simultaneously, direct from the system or from the available ThinkPad W700 mini-dock

SECURITY

- Embedded Trusted Platform Module (TPM 1.2)
- Integrated fingerprint reader
- ThinkVantage® Client Security Solution
- Hardware based HDD Encryption



LENOVO THINKPAD W700ds

ISV CERTIFICATIONS

- Comprehensive testing and certification of applications from key Independent Software Vendors (ISVs)
- Affiliations with software industry leaders like Autodesk® (AutoCAD, Maya), Dassault Systems (CATIA, SolidWorks), PTC (Pro/E Wildfire), UGS (NX), Avid (SoftImage/XSI), ESRI (Arc GIS) and Siemens (I-DEAS 5mX, I-DEAS 6mX, Solid Edge V21, UGS NX5, etc.)

CUTTING-EDGE TECHNOLOGIES

- Support for top-end Intel® CPUs including the dual-core, quad-core and extreme processors. An industry-first integrated 128x80mm Wacom® digitiser and pen delivers the true mobile workstation experience by not having to carry additional hardware
- In addition to having two built-in monitors, the dual Link DVI-D and DisplayPort digital monitor connectivity provides the capability of driving two high-resolution digital monitors simultaneously, direct from the system or from the available ThinkPad W700ds Mini Dock



SECURITY

- Embedded Trusted Platform Module (TPM 1.2)
- Integrated fingerprint reader
- ThinkVantage® Client Security Solution with Password Manager
- Hardware based HDD Encryption
- SmartCard Reader (optional)

SUPERIOR GRAPHICS EXPERIENCE

- Introducing the first ThinkPad with two brilliant displays: one 17" featuring WUXGA (1920x1200) resolution, high-brightness (400 nit) and a wide colour gamut (72% Adobe® RGB) and an additional 10.6" wide display that increases the complete viewing area by 39%
- Revolutionary high-end visual computing with the NVIDIA® Quadro® FX MXM based Graphics Solution
- An industry-first integrated Pantone® colour calibrator is built into the ThinkPad to automatically adjust the display quality, ensuring an accurate visual experience for demanding digital photography, 2D/3D design rendering and many other environments requiring accurate image representation



OUR COST-SAVING TOOLS ACTUALLY SAVE COSTS. AND TIME. AND ENERGY.

The initial purchase cost of a PC is just a small part of the total expenditure. According to studies by Gartner, IDC and TBR, it costs far less to buy a PC than to own one. Simply put, the actual cost of purchasing a PC is just about 20% of the total cost of ownership. The rest is incurred during the remaining lifetime.

Lenovo's Think® range of business computers are designed to make your computer self-configuring, self-optimising, self-protecting and self-healing. Features that save precious time and money through the entire lifecycle of the computer—right from deployment to its safe disposal.

 www.lenovo.com

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“We decreased each individual's time spent in migrating data by 75%.”

- **Mack Murrell, Vice President,
Information Systems, Dow Chemical**

“Lenovo PCs with ThinkVantage Technologies reduce downtime by 15% and cut IT costs by 10%.”

- **Fernando Serrato Combe,
National Director of Technology, Deloitte - Mexico**

“Using ThinkVantage Technologies, NMU has saved hundreds of staff hours in PC maintenance each year.”

- **Dave Maki, Chief Information Officer,
Northern Michigan University**

“Lenovo ThinkVantage tools generate hard Dollar savings through every stage of the PC lifecycle. No other PC hardware vendor has developed a full portfolio of PC lifecycle management tools.”

- **Technology Business Research, Inc. (TBR)**

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