

LENOVO THINKPAD R400 AND R500 NOTEBOOKS

SMART IDEAS THAT BOOST PERFORMANCE WITH INNOVATIVE TECHNOLOGY.



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



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 and Wireless USB over Ultra Wide Band (UWB - ThinkPad® R400 notebook only), initially starting in the U.S. and Japan



CUTTING-EDGE TECHNOLOGIES

- Intel® X4500 Integrated Graphics offer a 50% performance improvement vs. last year with support for Microsoft® DirectX® 10 and HD video
- New extended 9-cell battery (available on ThinkPad R400)
- Latest Intel® Turbo Memory 2.0 to boost power and performance
- DisplayPort on ThinkPad R500 systems, the next generation display interface technology, combines HD video 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



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

NEW NAMING SYSTEM: The latest ThinkPad R Series marks the introduction of a new product-naming system. The ThinkPad R61 notebook will now be referred to as either the ThinkPad R400 notebook or the ThinkPad R500 notebook. The second character of the name refers to the display size of the ThinkPad notebook, making it easier to understand the two different offerings (ThinkPad R400 = 14.1" display and ThinkPad R500 = 15.4" display). Also, all ThinkPad systems will now transition to widescreen offerings and will include a variety of new technology features.



lenovo®

THE NEW THINKPAD R SERIES

ENGINEERED TO REACH NEW HEIGHTS IN CONNECTIVITY, PRODUCTIVITY, POWER MANAGEMENT, ENVIRONMENTAL RESPONSIBILITY AND COMFORT.

By combining the latest Intel technology, graphics and a variety of wireless solutions, the ThinkPad R Series notebooks are designed to boost performance and help you work smartly and efficiently. To begin with, they feature 14.1" and 15.4" widescreen displays with a wide range of technology that includes the latest hard drives with Full Disk Encryption (FDE), a camera on select models, a 7-in-1 media card, a 9-cell battery and a wider Touchpad for improved ergonomics. ThinkVantage® Client Security Solution with an Integrated Fingerprint Reader and SmartCard support are other innovative features that give these notebooks extra protection by securing data against potential intruders.

Equally reassuring is the fact that all ThinkPad R Series models enjoy worldwide, round-the-clock service and support and come with an industry-leading warranty.



OUTSTANDING BATTERY LIFE

New Power Management features to enable extended battery life, e.g., Enhanced Battery-Stretch allows users to select the most efficient power management on demand.



INTEGRATED GRAPHICS

Intel® X4500 Integrated Graphics offer a 50% performance improvement vs. last year with support for DirectX 10 and HD video.



BLU-RAY OPTICAL DRIVE

Availability of the next revolution in optical storage solutions on the ThinkPad R Series 14" & 15" wide discrete graphics systems to provide huge storage capacity using Blu-ray media—up to 25GB/50GB (single/dual layer). This storage solution also supports HDCP for reliable high-definition video and Blu-ray Disc (BD) high-definition movie playback.



COOL AND QUIET

Focused air flow design to provide for cooler systems and balanced temperatures across the system. With adaptive thermal management, systems are also up to 4dB quieter.

THINKPAD R400/R500 NOTEBOOK SPECIFICATIONS

THINKPAD R SERIES

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® keys

Included Software (preloaded)¹

Adobe Reader, Diskkeeper Home, Microsoft®: Windows Live™ Toolbar & Search, Roxio Multimedia, Lenovo Multimedia Center for Think Offerings, PC-Doctor, Norton Internet Security (with 90 days of virus definitions), ThinkPad Utilities (Power Manager and Presentation Director), ThinkVantage Access Connections™, ThinkVantage Fingerprint Software, ThinkVantage Productivity Center with Away Manager, ThinkVantage Rescue and Recovery®, ThinkVantage System Update (downloadable), ThinkVantage System Migration Assistant™

Port Replicator/Dock

ThinkPad Essential Port Replicator
ThinkPad Advanced Mini-dock
ThinkPad Advanced Dock

THINKPAD R400

Preloaded Operating System²

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

Processor³

Intel® Core™2 Duo processor P8400
Intel® Core™2 Duo processor P8600
Intel® Core™2 Duo processor T9400
Intel® Core™2 Duo processor T9600
Intel® Celeron® processor 575
Intel® Celeron® processor 585
Intel® Core™2 Duo processor T5870
Intel® Core™2 Duo processor T5670

Chipset/FSB

Mobile Intel® GM45 Express CS/ICH 9M-E
Mobile Intel® GMA X4500 HD
Mobile Intel® GL667 MHz (Celeron®)

Screen/Graphics⁴

14.1" wide: WXGA (1280 x 800, 107DPI, 185+ nit)
14.1" wide: WXGA+ (1440 x 900, 120DPI, 200+ nit)
INT: Intel® X4500;
Windows Vista® Aero™ and Premium Logo compliant

Hard Drive⁵

5400rpm - 80, 160, 250, 320
7200rpm - 160, FDE - 200

Communications⁶

Intel® Gigabit Ethernet, Bluetooth®⁷, Modem, Intel® WiFi Link 5300 (3x3 AGN), Intel® WiFi Link 5100 (1x2 AGN), ThinkPad 11b/g Wireless LAN Mini PCI Express Adapter III

System Memory/Max and Type/Speed⁸

Up to 8GB of PC2-8500 1066MHz DDR3
Intel® Turbo Memory 2.0

System Ports

3 USB, 1394a, ExpressCard Slot (54mm) + Option Slot 54mm (SmartCard, Multimedia Card Reader, PC Card), Microphone/line-in, Headphone/line-out, VGA, lock slot, Integrated Camera (option)

Battery/Battery Life⁹

4-cell 2.6 hr, 6-cell 2.6 hr, 9-cell 2.6 hr

Travel Weight/Dimensions¹⁰

1.2", 2.29 kg/5.05 lb with optical drive

THINKPAD R500

Preloaded Operating System

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

Processor

Intel® Core™2 Duo processor P8400
Intel® Core™2 Duo processor P8600
Intel® Core™2 Duo processor T9400
Intel® Core™2 Duo processor T9600
Intel® Celeron® processor 575
Intel® Celeron® processor 585
Intel® Core™2 Duo processor T5870
Intel® Core™2 Duo processor T5670

Chipset/FSB

Mobile Intel® GM - 45 Express CS/ICH 9M-E
Mobile Intel® PM - 45 Express CS/ICH 9M-E
Mobile Intel® GL 667 MHz (Celeron®)

Screen/Graphics

15.4" wide: WXGA (1280x800, 98DPI, 185+ nit)
15.4" wide: WSXGA+ (1680x1050, 129DPI, 200+ nit)
INT: Intel® X4500
Windows Vista® Aero and Premium Logo compliant

Hard Drive

5400rpm - 80, 160, 250, 320
7200rpm - 160, FDE - 200

Communications

Gigabit Ethernet, Bluetooth, Modem, Intel® WiFi Link 5300 (3x3 AGN), Intel® WiFi Link 5100 (1x2 AGN), ThinkPad 11b/g Wireless LAN Mini PCI Express Adapter III

System Memory/Max and Type/Speed

Up to 8GB of PC2-8500 1066MHz DDR3
Intel® Turbo Memory 2.0

System Ports

3 USB, 1394a, ExpressCard Slot (54mm) + Option Slot 54mm (SmartCard, PC Card), dedicated Multimedia Card Reader, Microphone/line-in, Headphone/line-out, VGA, DisplayPort, Lock Slot, Integrated Camera (option)

Battery/Battery Life

6-cell 2.4 hr (>4 hr), 9-cell 2.6 hr (>8 hr), Ultrabay™ battery (>8 hr)

Travel Weight/Dimensions

2.94 kg/6.5 lb with optical drive

THINKPAD R SERIES GOES GREEN



Select ThinkPad R400 models are EPEAT Silver rated and the ThinkPad R500 notebook is an EPEAT Silver rated PC. These notebooks consume 25% less power when compared to previous generation notebooks and also have Energy Star 4.0 and Climate Savers certifications.



What else makes the ThinkPad R Series so "green"?

- Industry's first PC with GREENGUARD Air Quality certification
- Increased power efficiency with BatteryStretch feature
- Greater use of recycled plastics
- Mercury and arsenic-free displays

DESIGNED TO DO THE UNEXPECTED

MAKE AN AMAZING PC EVEN BETTER.

THINKPAD R400/R500 NOTEBOOK ACCESSORIES:



THINKPAD R400/R500 NOTEBOOK DDR3 SDRAM SODIMM
2GB MEMORY (43R1988)

Lowest-cost method to boost system performance.



THINKPAD R400/R500 NOTEBOOK CARRYING CASE
DELUXE EXPANDER CASE (43R2478)

Easily transports and protects your ThinkPad notebook
against bumps and jolts.



THINKPAD R400/R500 NOTEBOOK
BLUETOOTH LASER MOUSE (41U5008)

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



THINKPAD R400/R500 NOTEBOOK BATTERY
9-CELL LI-ION BATTERY R400 (43R2499) R500 (40Y6797)

Carry spare battery, or replace system batteries when
charge capacity diminishes with time.



THINKPAD R400/R500 NOTEBOOK
ADVANCED MINI DOCK (250410U)

Rear ports to offer enhanced cable management and
connectivity; quick and easy access to peripherals.



THINKPAD R400/R500 NOTEBOOK 12W
PRIVACY FILTER (43R2470)

Keeps screen information private.



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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.
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Footnotes: [1] **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. [2] **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. [3] **Mobile processors:** Power management reduces processor speed when in battery mode. [4] **Switchable graphics:** Memory may be limited to 2.5GB on models with a 32-bit operating system, depending on configuration and applications, for selected switchable graphics models. [5] **Hard disk drive:** GB=1,000,000,000 bytes. Accessible capacity is less; up to 4GB is service partition. [6] **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. [7] **The Bluetooth word mark and logos:** are owned by Bluetooth SIG, Inc. and any use of such marks by Lenovo is under license. [8] **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 4GB 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 3GB of addressable memory. Notebooks with a Windows Vista 64-bit operating system can support up to 4GB of addressable memory. Memory may be limited to 2.5GB on models with a 32-bit operating system, depending on configuration and applications, for selected switchable graphics models. [9] **Battery:** These model numbers achieved Battery Runtime Time of at least the time shown during testing. A description of the testing is available at lenovo.com/pc/www/thinkpad/batterylife. [10] **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. **The following are trademarks of Lenovo:** Lenovo, the Lenovo logo, Access Connections, Rescue and Recovery, System Migration Assistant, ThinkPad, ThinkVantage, TrackPoint, Ultrabay, and UltraNav. Intel, the Intel logo, Centrino, Centrino Inside, Celeron and Celeron Inside, Intel Core and Core Inside, are trademarks of Intel Corporation in the U.S. and other countries. Microsoft, Aero, DirectX 10, Windows, Windows Live and Vista are registered trademarks of Microsoft Corporation. Energy Star is a U.S. registered trademark. Other company, product and service names may be trademarks or service marks of others.

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