

Lenovo® recommends Windows® 7 Professional.



lenovo



CUTTING-EDGE PERFORMANCE IN A SOPHISTICATED PACKAGE. POWERFUL. PROFESSIONAL.

THE LENOVO THINKPAD EDGE E420 AND E520 NOTEBOOKS

To help SMB users experience business growth and productivity gains, Lenovo introduces the new ThinkPad® Edge E420 and E520 notebooks. These slim, elegant notebooks offer SMB users a sophisticated computing experience with the capabilities of enterprise PCs.

The ThinkPad Edge E420 and E520 notebooks are fitted out with hardware that delivers the high performance levels that SMB users require. 2nd generation Intel® Core™ processors offer up to 20% performance increases over the previous generation. Intel® HD graphics 3000 deliver a 2x performance gain, and a smoother experience with visually-demanding applications. For today's graphically-intensive content, the Edge Series notebooks can be equipped with AMD Radeon™ HD video cards, with up to 2GB of dedicated VRAM and 128-bit GPUs².

The ThinkPad Edge Series also offers several features for a smoother, more effective user experience. The full-size keyboard and numeric keypad¹ allows comfortable numeric and text data entry. Lenovo's RapidBoot technology reduces boot times by up to 30%, allowing you to get to work faster. Web conferencing is also more comfortable with a light-sensitive web camera, high audio fidelity, optimized speakers and superior communications software.

In addition to the performance and usability features, the design of the ThinkPad Edge notebooks has also been improved. The refined ThinkPad Edge design is now up to 13% thinner and available in a soft matte finish.

Simplicity and ease of use, reputed Lenovo reliability, a sleek, sophisticated design, and powerful computing make the ThinkPad Edge E420 and E520 the essential notebook solution for today's SMB users.

TOP REASONS TO OWN

- Up to 20% faster computing with 2nd generation Intel® core™ processors.
- Up to 30% reduction in boot time with Lenovo Enhanced Experience for Windows® 7.
- High quality video conferencing with the low light-sensitive, 720p HD camera.
- Secure software and hardware with Lenovo Active Protection System™ and a spill-resistant keyboard.
- Easy and comfortable data entry with the Lenovo industry-leading keyboard, now with a numeric keypad¹

LENOVO ENHANCED EXPERIENCE 2.0 FOR WINDOWS® 7. FASTER AND OPTIMIZED FOR BUSINESS.

Lenovo Enhanced Experience 2.0 for Windows® 7 uses RapidBoot technology to start your PC on average 20 seconds faster than a typical Windows® 7 computer*. And with superior web conferencing and robust security features, you'll benefit from increased productivity at the office. Find out more at www.lenovo.com/win7ee

*Compares averaged data from Lenovo EE 2.0 PCs with averaged data from 42 competitor products of similar configuration. Testing conducted by CNET Labs, Beijing in November 2010, using the independent Microsoft® VTS tool to measure start-up, shutdown, resume and other Windows® 7 performance measurements. Data from competitor and Lenovo PCs were averaged and compared to calculate the claims used. Performance will vary by model and configuration.



Lenovo® recommends Windows® 7 Professional.



POWERFUL, AFFORDABLE COMPUTING SOLUTIONS

The ThinkPad Edge E420 and E520 fit neatly into SMB IT budgets without compromising on quality or performance.

- 2nd generation Intel® Core™ i7 processors deliver unmatched performance.
- Integrated Intel® HD graphics and switchable discrete AMD Radeon™ graphic cards² provide an outstanding multimedia experience.
- Up to 750GB HDDs offer ample storage space for critical business data.
- The ThinkPad Edge Series offers SMB users top quality at an affordable price.

SOPHISTICATED AND GREEN

- The ThinkPad Edge E420 and E520 notebooks are environmentally friendly, and are designed to project a professional image.
- The superior ThinkPad Edge design is now up to 13% thinner, and more suave and elegant than ever.
- The smooth matte finish is available in Midnight Black or Heatwave Red.
- Non-toxic inks have been used on the packaging, which itself is recyclable and made of 100% recyclable material.
- The ThinkPad Edge Series notebook is compliant with international standards including ENERGY STAR™ 5.0, EPEAT™ Gold and the RoHS Directive.

PRODUCTIVE, MOBILE AND RELIABLE

The ThinkPad Edge E420 and E520 are built to keep users productive, even when mobile.

- The ThinkPad Edge E420 weighs 4.6 lb and the Edge E520 weighs 5.2 lb, making them easy and comfortable to carry.
- WiFi, Gigabit Ethernet, and options for WWAN, WiMax and Bluetooth® ensure constant connectivity while traveling.
- Lightweight construction with reinforced metal hinges makes the ThinkPad Edge Series notebooks sturdy, stable and durable.
- The spill-resistant keyboard protects core components in case of an accidental spill.
- ThinkVantage® Active Protection System™ and Rescue and Recovery® minimize data loss because of hardware corruption, enhancing critical data safety.

UNMATCHED VOICE AND VIDEO CONFERENCING

The ThinkPad Edge E420 and E520 offer users a state-of-the-art voice and video conferencing experience.

- Low light-sensitive, 720p HD camera delivers peerless video quality.
- Multiple audio modes ensure that individuals and groups can be heard distinctly when making audio or video calls.
- Talk uninterrupted with keyboard noise suppression technology on the ThinkPad Edge notebooks.

SERVICE OFFERINGS

THINKPLUS® SUPPORT

Lenovo's award-winning Warranty Service and Support optimize productivity and end-user satisfaction by helping you concentrate more on your business objectives.

- **ThinkPlus Priority On-site Warranty***
Saves time, reduces costs and maximizes productivity, by providing you with faster, 24x7, direct access to advanced-level skilled technicians for hardware and software issues.
- **ThinkPlus Warranty On-site NBD Upgrades**
Maximizes PC uptime and productivity by providing convenient and fast repair services at your place of business.
- **Warranty Extensions (1-year to 3-year)**
Helps accurately budget for PC expense, protects your investment and lowers the overall TCO with a fixed-term, fixed-cost service solution.
- **Battery Extension (3-year)**
With purchase of a 3-year extended warranty, protect the life of your battery with a 3-year battery extension.

THINKPLUS PROTECTION

Lenovo's Protection Services help you avoid unbudgeted repair costs, secure your data, save money and achieve peace of mind.

- **ThinkPad Protection (TPP)**
Provides coverage for unexpected damage, unintentional drops and minor spills, thereby helping you eliminate unplanned repair costs.
- **Hard Disk Drive Retention**
Allows you to retain the hard disk drive, should it happen to fail, thus helping you protect your valuable data.



*Not available in all regions.
†The numeric keypad is available on the ThinkPad Edge E520 only.
‡AMD Radeon™ HD 6630M is available on ThinkPad Edge E520 only.

Lenovo® recommends Windows® 7 Professional.



SPECIFICATIONS		
DESCRIPTION	THINKPAD EDGE E420	THINKPAD EDGE E520
Processors	Intel® Core™ i5-2410M (2.30GHz, 3MB L3 cache) Intel® Core™ i3-2310M (2.10GHz, 3MB L3 cache)	
Preloaded OS (Operating System)	Genuine Windows® 7 Home Premium 64-bit Genuine Windows® 7 Professional 32-bit Genuine Windows® 7 Professional 64-bit Genuine Windows® XP (via downgrade)	
Chipset	Intel® QM65	
Display	14.0" (16:9 HD, 1366x768, LED backlit)	15.6" (16:9 HD, 1366x768, LED backlit)
Memory	Up to 8GB DDR3 (1333MHz)	
Weight	4.6 lb	5.2 lb
Dimensions (WxDxH)	339x230x28 – 33 (mm) (13.34"x9.05"x1.10" – 1.29")	375x245x28 – 33 (mm) (14.76"x9.64"x1.10" – 1.29")
I/O (Input/Output) Ports and Slots	VGA out HDMI Gigabit Ethernet Microphone/speaker combo jack	4xUSB 2.0 (1 powered, 1 USB/eSATA combo) 4-in-1 card reader (MMC, SD, MS, MS-Pro, xD, SDHC) 34mm ExpressCard
Optical Drive	Integrated tray-load DVD drive	
Graphics	Intel® HD graphics/Intel® HD graphics 3000	
Audio	HD audio, Stereo speakers, Built-in microphone, Combo headphone/microphone-in	
WLAN	Intel® abgn WLAN + WiMax Intel® bgn WLAN	Broadcom® abgn WLAN Realtek bgn WLAN
Bluetooth® (Optional)	Bluetooth® 3.0	
HDD	Up to 320GB hard disk drive (with ThinkVantage Active Protection System™) (7200rpm)	
SSD	80GB mini-SATA Solid State Drive (7200rpm) 128GB Solid State Drive	
Webcam	720p HD low light-sensitive webcam	
Battery	4-cell (2.2 Ah), 6-cell (2.2 Ah)	
Battery Life	6 hours with integrated graphics, 5 hours with discrete graphics (6-cell)	
Keyboard	Full-size keyboard	Full-size keyboard with numeric keypad
Navigation	Multi-gesture touchpad	
Colors	Midnight Black – Smooth, Heatwave Red – Smooth	
Others	Fingerprint reader (optional)	
Warranty	1 Year Depot	



Lenovo® recommends Windows® 7 Professional.



SOFTWARE OFFERINGS

SUPPORTED OPERATING SYSTEMS	SUPPORTED TVT TOOLS	PRELOADED APPLICATIONS
<ul style="list-style-type: none"> • Genuine Windows® 7 Home Premium 32-bit • Genuine Windows® 7 Home Premium 64-bit • Genuine Windows® 7 Professional 64-bit • Genuine Windows® 7 Professional 32-bit • Genuine Windows® XP (via downgrade) 	<ul style="list-style-type: none"> • ThinkVantage Utilities <ul style="list-style-type: none"> > Power Manager™ > Rescue and Recovery® 4.2 > System Update 	<ul style="list-style-type: none"> • Access Connections™ • Active Protection System™ • Password Manager 3.0 • Norton® Internet Security 2011 • Microsoft® Office 2010 Starter • Microsoft® Windows Live™ Essentials • Skype™

OPTIONS AND ACCESSORIES



Lenovo Ultra-slim Plus Wireless Keyboard and Mouse (0A34042); ThinkPad Bluetooth® Laser Mouse (41U5008); ThinkPad Travel Mouse (31P7410)
Reliable 2.40GHz wireless keyboard and mouse combination; contemporary, low profile design.
www.lenovo.com/support/keyboards



Lenovo 90W Ultra-slim AC/DC Combo Adapter (41R4493); ThinkPad and Lenovo 90W AC Adapter (40Y7659); ThinkPad and Lenovo 65W AC Adapter (40Y7696)
Power your notebook and your cell phone, PDA where you go; in the office, at home, on the road, or in the air.
Small, lightweight design: 0.88 lb (400g)
www.lenovo.com/support/poweradapters



**ThinkPad Business Topload Case (43R2476)
ThinkPad Business Backpack (43R2482)
ThinkPad Checkpoint Friendly Case (51J0418)
Wenger Backpack for Lenovo (57Y4271)
Wenger Deluxe Slim Case for Lenovo (57Y4272)**
Easily transport and protect your ThinkPad, up to 15.4" wide, against bumps and jostles.
www.lenovo.com/support/cases



**ThinkPad Battery 25 (4-cell) (51J0498)
ThinkPad Battery 25+ (6-cell) (51J0499)
ThinkPad Battery 25++ (9-cell) (51J0500)**
Carry spare battery, or replace system batteries when charge capacity diminishes with time.
Small, lightweight design.
www.lenovo.com/support/batteries



Lenovo USB 2.0 Port Replicator with Digital Video (0A33942)
Convenient cable management and connectivity for monitor, LAN, 4 USB 2.0 devices.
Supports attachment of a VGA analog or a DVI digital monitor supporting 1920x1200 resolution.
www.lenovo.com/support/docks



**Kensington MicroSaver Cable Lock by Lenovo (73P2582)
Kensington Twin Head Cable Lock by Lenovo (45K1620)
Lenovo Security Cable Lock (57Y4303)**
Help reduce theft, increase physical asset protection.
www.lenovo.com/support/security



ThinkPad 65W AC Adapter with USB Hub (57Y4600)
Staying powered and connected to your workspace is now more convenient.
– 3 standard USB 2.0 ports.
– 1 power-only USB 2.0 port for charging cell phones.
www.lenovo.com/support/poweradapters



ThinkPad In-ear Headphones (57Y4488)
High-quality voice and audio performance for internet voice conversations, multimedia applications.
www.lenovo.com/support/audio



**PC3-10600 DDR3-1333MHz Memory 1GB (55Y3709)
PC3-10600 DDR3-1333MHz Memory 1GB (55Y3710)
PC3-10600 DDR3-1333MHz Memory 1GB (55Y3711)**
Lowest cost method to boost system performance
www.lenovo.com/support/notebookmemorycompatibility



ThinkPad eSATA/USB 500GB Secure Hard Disk Drive (57Y4400); ThinkPad USB Secure Hard Disk Drive 160GB, 320GB (43R2018, 43R2019)
Secure your valuable data in a slim, lightweight, self-powered easy to use design.
www.lenovo.com/support/security

www.lenovo.com

©2011 Lenovo. All rights reserved.
Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. **Warranty:** For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC, 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, Rescue and Recovery, ThinkStation, ThinkVantage and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Core, Core Inside, Xeon and Xeon Inside are registered trademarks of Intel Corporation in the U.S. and other countries. Other company, product and service names may be trademarks or service marks of others. Visit www.lenovo.com/safecomputing periodically for the latest information on safe and effective computing.

