



Lenovo® recommends Windows® 7 Professional.

THINKPAD  
L420/L520 NOTEBOOK



## THE LENOVO THINKPAD L420 AND L520 NOTEBOOKS

EXTREMELY RELIABLE, BUSINESS-CLASS PERFORMANCE.  
REAL VALUE. ENHANCED EXPERIENCE.

Built for reliability and optimized performance, Lenovo introduces the ThinkPad L420 and L520 now available at a low acquisition cost, for ThinkPad® corporate users. The ThinkPad L420 and L520 are tested thoroughly to ensure complete functionality at high and low temperatures, humidity, blowing dust, vibration, mechanical shock and thermal shock. In addition to these military specifications, Lenovo pushes the limits with its own internal testing, producing excellent long term value for the customer. The new metal hinge and latch-less design work together seamlessly to provide consistent durability with less breakable parts.

The ThinkPad L420 and L520 are green, mainstream ThinkPad notebooks available today with materials made from post-consumer recycled content, 100% recyclable packaging and improved power efficiency, less CO<sub>2</sub> emissions, coupled with an easy power management tool to keep operating costs down.

### TOP REASONS TO OWN

- #1 ThinkPad Engineering for Reliability
- Best Enterprise-Class ThinkPad Price
- Lenovo's Enhanced Experience for windows® 7
- Smart Security Solutions
- Eco-friendly, Green Computing

Running the new 2<sup>nd</sup> generation Intel® Core™ processors with Hyper-Threading technology and TurboBoost+, the new ThinkPad L Series has up to 20% faster performance and 40% more battery life. The L420 and L520 takes the multimedia and VoIP/Video conferencing experience one step further by going HD in camera, speakers, displays and audio.

Supported by Lenovo's best-in-class ThinkVantage® Technology, ThinkPad L420 and L520 allow you to select from a list of ready-to-install tools for diagnosing the system, managing wireless networks and managing power settings. These easy-to-access and simple-to-use tools help to monitor system health. Invest in the L420 and the L520 to discover the long-term benefits of owning an environment friendly, highly reliable notebook with all the features you need.

### 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](http://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.



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### FAST MAINSTREAM PRODUCTIVITY

The ThinkPad L420 and L520 notebooks are highly reliable and come packed with the latest technology for better performance with:

- 20% faster performance with Intel® 2<sup>nd</sup> generation Core™ i3, i5 and i7 processors
- 30% faster boot-up and shutdown with Lenovo Enhanced Experience 2.0 for Windows® 7 and Lenovo RapidDrive technology
- Up to 40% battery life improvement
- Up to 15% faster wireless WWAN connectivity<sup>1</sup>
- Common ThinkPad docking and batteries

### COMPUTING WITH PEACE OF MIND

The ThinkPad L420 and L520 provide a secure working environment for complete peace of mind by adding:

- Fingerprint reader enhanced with features to easily access the system and BIOS
- BIOS port locking and Computrace® to keep the notebook and your data safe
- Encrypting drives, Trusted Platform Module and Secure Manage Client for extra layers of security to the notebook
- New optional Smart Card reader to enable additional security

### THINKPLUS® SUPPORT

Lenovo's award-winning Warranty Service and Support optimizes 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.

### EXCELLENT MULTIMEDIA AND COMMUNICATION

The ThinkPad L420 and L520 make displaying business presentations and attending online conferences a pleasant experience using:

- Intel® HD graphics for twice the graphics capabilities and Intel® Wireless Display for hassle free wireless video
- Digital array microphone with full-duplex phone support for Internet phone calls
- New conference room and private chat microphone modes for clearer communication
- Keyboard noise reduction and echo cancellation technology

### GREENER COMPUTING

The ThinkPad L420 and L520 are optimized to be most environment friendly with greener performance:

- Less CO<sub>2</sub> emissions and improved energy consumption
- 20% reduction in packaging material and 100% recyclable packaging
- ENERGY STAR™ certified
- EPEAT™ Gold qualified with 100% HD LED backlit display

### 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.

<sup>1</sup>Lenovo Instant Resume mode to continuously maintain wireless connectivity while the notebook is on standby.



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The Lenovo ThinkPad L420 and L520 Notebook Specifications

DESCRIPTION	L420	L520
<b>Processor</b>	Intel® Core™ i7-2620M (2.70GHz) (up to 3.40GHz with Turbo Boost Technology) Intel® Core™ i5-2540M (2.60GHz) (up to 3.30GHz with Turbo Boost Technology) Intel® Core™ i5-2520M (2.50GHz) (up to 3.20GHz with Turbo Boost Technology)	Intel® Core™ i5-2410M (2.30GHz) Intel® Core™ i3-2310M (2.10GHz)
<b>Preloaded OS (Operating System)</b>	Genuine Windows® 7 Home Basic 32-bit Genuine Windows® 7 Home Premium 64-bit Genuine Windows® 7 Professional 64-bit	
<b>Chipset</b>	Intel® HM65	
<b>Display</b>	HD anti-glare 16:9 LED 14.0" HD (1366x768)	HD anti-glare 16:9 LED 15.6" HD (1366x768) 15.6" HD+ (1600x900)
<b>Memory</b>	DDR3 1333MHz (up to 8GB)	
<b>Weight</b>	5.1 lb (2.3kg) with 6-cell battery	5.75 lb (2.6kg) with 6-cell battery
<b>Form Factor (WxDxH)</b>	13.54"x9.17"x1.26" – 1.42" 343.9x232.9x32.0 – 36.0 (mm)	14.96"x9.72"x1.26" – 1.42" 379.9x246.8x32.0 – 36.0 (mm)
<b>I/O (Input/Output) Ports and Slots</b>	4 USB 2.0 (1 Powered USB) 1 Always-On USB 2.0 with yellow marking 1 eSATA	54/34mm ExpressCard and Smart Card option 1 Multimedia card reader 1 DisplayPort with audio
<b>Camera</b>	HD 720p	
<b>Optical Drive</b>	DVD ROM read-only <sup>1</sup>	Multiburner/DVD CD multi-recording
<b>Multimedia</b>	Mic mute, HD audio, FN+F6 function key and combo headphone/microphone jack	
<b>Graphics GPU</b>	Intel® Integrated HD graphics	
<b>Internal PCIe Slots</b>	1 full and 2 half	
<b>Keyboard</b>	6-row keyboard with TrackPoint® and multitouch touchpad	
<b>WiMAX/WIFI</b>	Intel® Centrino® Advanced-N + WiMAX 6250 2x2 agn	
<b>WLAN</b>	Intel® Centrino® Advanced-N 6205 agn (performance)	Intel® Centrino® Wireless-N 1000 <sup>1</sup> bgn (value) ThinkPad gn (Realtek®) gn (value)
<b>LAN</b>	Intel® 82579LM Gigabit Digital Office 2010	Intel® 82577LC Gigabit fundamental
<b>WWAN</b>	Gobi™ 3000 Sierra Wireless EV-DO/HSPA WWAN minicard Ericsson HSPA+ WWAN minicard (F5521gw)	
<b>HDD</b>	160GB (7200rpm SATA) <sup>1</sup> 250GB/320GB (5400rpm SATA)	320GB/500GB (7200rpm SATA) 250GB (7200rpm SATA FDE) <sup>1</sup>
<b>SSD</b>	80GB mSATA SSD <sup>2</sup>	128GB SSD
<b>Battery Life</b>	4-cell (2.2 Ah) – 1-year warranty 6-cell (2.2 and 2.6 Ah) – 1-year warranty	9-cell (2.8 Ah) – 1-year warranty
<b>Mini Docking</b>	Generation 3 Mini Dock	

<sup>1</sup>Not available in all regions.

<sup>2</sup>Combination of any HDD or SSD with the 80GB mSATA gives you Lenovo RapidBoot technology (80GB mSATA SSD is in addition to other hard disk drives and fits in the WWAN slot, not available with WWAN).

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## The Lenovo ThinkPad L420 and L520 Software

### READY TO INSTALL

- ThinkVantage Toolbox v1.4
- Lenovo ThinkVantage Tools v2.0
- ThinkVantage Rescue and Recovery® 4.3
- ThinkVantage Product Recovery 9.0
- ThinkVantage Password Manager 4.0
- ThinkVantage Utilities Musashi 1.0
- ThinkVantage Access Connections™
- ThinkVantage System Update 4.0
- ThinkVantage SimpleTap
- Hardware Password Manager
- ImageUltra™ Builder
- System Migration Assistant™ 6.0
- Client Security Software 8.3

### PRE-LOADED APPLICATIONS

- Microsoft® Office Starter 2010
- Microsoft® Live Essentials
- Norton® Internet Security (30-day trial)
- Skype™ Application 4.2
- Corel DVD Movie Factory
- Corel Burn Now
- Intervideo® WinDVD®



## Notebook Options



Lenovo 90W Ultra-slim  
AC/DC Combo Adapter  
(41R4493)



ThinkPad Battery 55+ 6-cell (57Y4185)  
ThinkPad Battery 55++ 8-cell (57Y4186)



ThinkPad Bluetooth® Laser Mouse  
(41U5008)



ThinkPad In-ear  
Headphones (57Y4488)



Lenovo Power Hub  
(57Y4600)



1GB PC3-10600: 55Y3709  
2GB PC3-10600: 55Y3710  
4GB PC3-10600: 55Y3711



ThinkPad Port Replicator Series 3 (4336-10W)  
ThinkPad Mini Dock Series 3 (4337-10U)  
ThinkPad Mini Dock Plus Series 3 (4338-10U)



Lenovo Mini Speakers  
M220 (55Y2033)



ThinkPad Business Topload Backpack (43R2476)  
ThinkPad Business (43R2482)



Kensington MicroSaver Cable Lock  
from Lenovo (73P2582)



GemPlus 54mm ExpressCard and Smart  
Card Reader from Lenovo (41N3043)

[www.lenovo.com/think](http://www.lenovo.com/think)  
1-866-968-4465

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