



Lenovo® recommends Windows® 7 Professional.

THINKPAD  
T420s NOTEBOOKS



## THE LENOVO® THINKPAD® T420s NOTEBOOKS

HIGH PERFORMANCE IN AN INCREDIBLY MOBILE PACKAGE

The Lenovo ThinkPad T420s offers high performance in an ultimate thin and light design. Built for the most demanding business professionals, the ThinkPad T420s offers the latest advanced video conferencing innovations like keyboard noise suppression technology that eliminates the sounds of key clicks to enable typing during PC based phone calls. T420s gives users the option to increase mobility by offering a bay battery that delivers up to 10hrs battery life. T420s shares common docking with other ThinkPad enterprise notebooks and is designed to pass 8 rigorous military specification tests.

### TOP REASONS TO OWN

- New advanced ThinkPad Video Calling Innovations
- Up to 10hrs battery life with bay battery
- Dolby® Home Theater™ Audio with Virtualization Surround Sound Technology
- MIL-SPEC tested for proven superior durability

T420s also offers industry leading performance technologies like the latest 2<sup>nd</sup> generation Intel® Core™ i7 processors, 2x performance increase in Intel® HD Graphics and optional upgrade up to NVIDIA® NVS Graphics with Optimus™ Technology which saves up to 33% battery life over previous generation discrete offerings. Other performance features include Lenovo RapidDrive<sup>2</sup> technology giving you lightning fast boot up and shut down speeds and Lenovo TurboBoost+ giving even longer boost times.

The T420s is the first business class notebook to offer advanced audio including Dolby® Home Theater™ v4 including dialog enhancement technology for clearer sound in movies, music and video calls and also surround sound virtualization giving you a multi-channel experience over normal stereo speakers or headphones.

### 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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### POWERFUL PERFORMANCE

The ThinkPad® T420s offers a powerful combination of features for performance including:

- Up to Intel® Core™ i7 processors delivering adaptable speed and responsiveness
- Faster boot-up and shut-down with Lenovo Enhanced Experience 2.0 for Windows® 7
- Lenovo Turbo Boost+ optimizes Intel® TurboBoost times
- SuperSpeed USB 3.0 port, which transfer data up to 10x faster than USB 2.0

### BEST-IN-CLASS FEATURES

The ThinkPad T420s is designed with features much-admired by the users for comfort and safety:

- Integrated fingerprint reader with single swipe for both power on and authentication
- Keyboard design considered best-in-the-industry
- Multiple layers of security in hardware, software and BIOS
- Over 10-hours battery life with 6-cell and bay battery

### 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 Warranty Onsite 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 years)**  
Helps accurately budget for PC expense, protects your investment and lowers the overall TCO with a fixed-term, fixed-cost service solution.

### EXCEPTIONAL GRAPHICS AND HD TECHNOLOGY

The ThinkPad T420s Notebooks are equipped with features optimized for best visual detail:

- Integrated HD 720p camera provides higher resolution with smoother video capture
- 14" HD+ vibrant display in a new 16:9 aspect ratio
- Intel® HD Graphics for 2x faster and better graphics performance over previous generation
- HD Audio optimization delivers extreme low-power media playback with 30% longer battery life

### ENHANCED VIDEO CONFERENCING SUPPORT

The ThinkPad T420s provides the best experience with:

- Keyboard Noise Suppression Technology
- Dolby® Home Theater™ software detects dialog vs background noise to enhance conversation
- Easily switch between Conference Call and Private Chat microphone modes

### 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 drive, should it happen to fail, thus helping you protect your valuable data.



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The Lenovo® ThinkPad® T420s Notebook Specifications

| DESCRIPTION                            | T420s   |  |
|--|---|--|
| <b>Processors</b>                      | Intel® Core™ i5-2520M Processor 2.5GHz with Intel® Turbo Boost Technology<br>Intel® Core™ i5-2540M Processor 2.60Ghz with Intel® Turbo Boost Technology<br>Intel® Core™ i7-2620M Processor 2.70GHz with Intel® Turbo Boost Technology |  |
| <b>Preloaded OS (Operating System)</b> | Genuine Windows® 7 Home Premium 32 bit<br>Genuine Windows® 7 Home Premium 64 bit<br>Genuine Windows® 7 Professional 32 bit<br>Genuine Windows® 7 Professional 64 bit  |  |
| <b>Chipset</b>                         | Mobile Intel® QM67 Express Chipset  |  |
| <b>Display</b>                         | 14.0" HD+ (1600 x 900) (230 NITS)   |  |
| <b>Memory</b>                          | Up to 8GB DDR3 - 1333MHz (2 DIMM Slots)   |  |
| <b>Weight</b>                          | 1.78kg with optical drive   |  |
| <b>Form Factor (WxDxH)</b>             | 343.0mm x 230.1mm x 21.2mm – 26.0mm   |  |
| <b>Ports</b>                           | Display Port, VGA<br>1 USB 2.0  | 1 USB Always-On<br>1 USB 3.0   |
| <b>Slots</b>                           | 34mm Express Card and 4-in-1 SD Card<br>Smart Card Reader (on select models only)   |  |
| <b>Optical Drive</b>                   | DVD ROM Read-Only <sup>1</sup>  | Multi Burner/DVD CD Multi Rec  |
| <b>Multimedia</b>                      | Dual Digital Mic<br>720p low light sensitivity Camera   | 3.5mm Headphone/Microphone Combo Jack  |
| <b>Graphics</b>                        | Intel® HD Graphics 3000 processor graphics with dynamic frequency   | Discrete NVIDIA® NVS 4200M (1GB VRAM) with Optimus™ Technology                           |
| <b>Internal PCIe Slots</b>             | 1 Full and 1 Half, Smart Card Reader on Select Models   |  |
| <b>WiMAX/WiFi</b>                      | Intel® Centrino® Advanced-N + WiMAX 6250 2x2 AGN  |  |
| <b>Wireless LAN</b>                    | Intel® Centrino® Ultimate-N 6300 3x3 AGN<br>Intel® Centrino® Advanced-N 6205 2x2 AGN  | Intel® Centrino® Wireless-N 1000 1x2 BGN<br>ThinkPad BGN <sup>2</sup> (RealTek®) 1x1 BGN |
| <b>LAN</b>                             | Intel® 82579LM Gigabit Digital Office   |  |
| <b>WWAN Modules</b>                    | Mobile Broadband (Ericsson F5521gw) with 21Mbps D/L   |  |
| <b>HDD</b>                             | 160GB Hard Disk Drive, 7200rpm <sup>1</sup><br>250GB Hard Disk Drive, 5400rpm<br>250GB Hard Disk Drive, 7200rpm with limited OPAL FDE Technology <sup>1</sup>   | 320GB Hard Disk Drive, 5400rpm<br>320GB Hard Disk Drive, 7200rpm                         |
| <b>Solid State Drive (SSD)</b>         | 128GB Solid State Drive, Serial ATA<br>Intel® 80GB Micro Solid State Drive, Serial ATA  | Intel® 160GB Solid State Drive, Serial ATA   |
| <b>Power Adapters</b>                  | Integrated graphics 65Watt, 90Watt  | Discrete graphics 90Watt   |
| <b>Battery Life</b>                    | Up to 10 hours of battery life with 6-cell and bay battery  | Up to 6 hours of battery life with a 6-cell battery                                      |

<sup>1</sup> Available for special bid only  
<sup>2</sup> Available for selected model only





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### The Lenovo® ThinkPad® T420s Software

#### READY TO INSTALL

- ThinkVantage® Rescue & Recovery® 4.3
- ThinkVantage Password Manager 4.0
- ThinkVantage Access Connections™
- ThinkVantage SimpleTap 2.0
- Microsoft® Office Starter 2010
- Norton® Internet® Security (30-day trial)
- Skype™ Application 4.2

#### PRE-LOADED APPLICATIONS

- ThinkVantage Product Recovery 9.0
- ThinkVantage Toolbox v1.4
- ThinkVantage Tools v2.0
- ThinkVantage Utilities 1.0
- ThinkVantage System Update 4.0
- Microsoft® Live Essentials
- Corel DVD Movie Factory
- Corel Burn Now
- Intervideo® WinDVD®

### Notebook Options



Lenovo 90W Ultraslim  
AC/DC Combo Adapter  
(41R4501)



ThinkPad Battery 66+ (0A36287)  
ThinkPad Battery 42 3-cell bay (57Y4536)



Kensington Security Cable Lock by  
Lenovo (73P2582)  
Kensington Twin Head Cable Lock  
from Lenovo (45K1620)



ThinkPad Bluetooth®  
Laser Mouse  
(41U5008)



Lenovo 65W AC Adapter with  
USB Hub (57Y4612)



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



ThinkPad Mini Dock Series 3 (45N6687)  
ThinkPad Mini Dock Plus Series 3 (45N6702)



ThinkPad In-Ear  
Headphones (57Y4488)



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

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