



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 2nd 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 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

*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 Priority Onsite 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 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:

- 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.

* Not available in all regions



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The Lenovo® ThinkPad® T420s Notebook Specifications

DESCRIPTION	T420s	
Processors	Intel® Core™ i3-2310M (2.10 GHz, 3MB L3, 1333MHz FSB) Intel® Core™ i5-2520M (2.50 GHz, 3MB L3, 1333MHz FSB)	Intel® Core™ i5-2540M (2.60 GHz, 3MB L3, 1333MHz FSB) Intel® Core™ i7-2620M (2.7 GHz, 4MB L3, 1333MHz FSB)
Preloaded OS (Operating System)	Genuine Windows® 7 Home Basic Genuine Windows® 7 Home Premium Genuine Windows® 7 Professional	
Chipset	Intel® QM67	
Display	14.0" HD+ (1600 x 900) (230 NITS)	
Memory	Up to 8GB DDR3 - 1333MHz (2 DIMM Slots)	
Weight	3.94 lbs (1.78 Kg) with optical drive	
Form Factor (WxDxH)	13.4in x 9.05in x 0.83in – 1.02in (340mm x 229.8mm x 21mm – 25.9mm)	
Ports	Display Port, VGA 1 USB 2.0	1 USB Always-On 1 USB 3.0
Slots	34mm Express Card and 4-in-1 SD Card	
Optical Drive	DVD ROM Read-Only ¹	Multi Burner/DVD CD Multi Rec
Multimedia	Dual Digital Mic 720p low light sensitivity Camera	3.5mm Headphone/Microphone Combo Jack
Graphics	Intel® Integrated HD Graphics	Discrete NVIDIA® NVS 4200M (1GB VRAM) with Optimus Technology
Internal PCIe Slots	1 Full and 1 Half, Smart Card Reader on Select Models	
WiMAX/WiFi	Intel® Centrino® Advanced-N + WiMAX 6250 2x2 AGN	
WLAN	Intel® Centrino® Ultimate-N 6300 3x3 AGN Intel® Centrino® Advanced-N 6205 2x2 AGN	Intel® Centrino® Wireless-N 1000 1x2 BGN ThinkPad BGN ¹ (RealTek) 1x1 BGN
LAN	Intel® 82579LM Gigabit Digital Office	
WWAN Modules	Gobi™ 3000 Sierra Wireless EV-DO/HSPA WWAN Minicard Ericsson HSPA+ WWAN Minicard (F5521gw)	LeadCore TD-SCDMA WWAN Minicard (LC5730D) Huawei EV-DO WWAN Minicard (EM660)
HDD	160GB (7200rpm) ¹ 250GB (5400rpm/7200rpm OPAL ¹)	320GB (5400rpm/7200rpm)
SSD	4GB Solid State Flash Drive, Serial ATA ¹ 128GB Solid State Drive, Serial ATA	Intel® 80GB Micro Solid State Drive, Serial ATA Intel® 160GB Solid State Drive, Serial ATA
Power Adapters	Integrated graphics 65Watt, 90Watt	Discrete graphics 90Watt
Battery Life	Up to 10 hours of battery life with 6-cell and bay battery	
Warranty	FPO	
Price	FPO	

¹ Transaction CPU Offering for SMB
¹ Not available in all regions





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The Lenovo® ThinkPad® T420s Software

SUPPORTED OPERATING SYSTEMS

- Genuine Windows® XP Professional 32-bit
- Genuine Windows® Vista Business 32-bit
- Genuine Windows® Vista Home Basic 32-bit
- Genuine Windows® 7 Home Basic 32-bit
- Genuine Windows® 7 Home Premium 32-bit
- Genuine Windows® 7 Home Premium 64-bit
- Genuine Windows® 7 Professional 64-bit
- Genuine Windows® 7 Ultimate 32-bit (Special Bid)¹
- Genuine Windows® 7 Ultimate 64-bit (Special Bid)¹

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®

¹ Not available in all regions

Notebook Options



Lenovo 90W Ultralim
AC/DC Combo Adapter
(41R4493)



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



ThinkPad Mini Dock Series 3 (4337)
ThinkPad Mini Dock Plus Series 3 (4338)



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)



ThinkPad In-Ear
Headphones (57Y4488)



ThinkPad Business Topload Case (43R2476)
ThinkPad Business Backpack (43R2482)
Wenger Backpack for Lenovo (57Y4271)
Wenger Deluxe Slim Case for Lenovo (57Y4272)



ThinkPad Bluetooth®
Laser Mouse
(41U5008)



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

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