

Lenovo® recommends Windows.

LENOVO® THINKPAD® T450 NOTEBOOK

**lenovo**® **FOR**  
**THOSE**  
**WHO DO.**™

**THE DEFINITIVE BUSINESS STANDARD.**  
**A CUSTOMIZABLE, ENTERPRISE-READY NOTEBOOK.**



Sleek and light but all business, the ThinkPad® T450 is a new standard for highly mobile notebooks. It's thinner and lighter at just 21 mm thin and weighing 4 lbs with added features for robust business productivity and equipped with the latest Intel® 5<sup>th</sup> Generation Core processors. Plus, it's more customizable with more ports and more connections. This business notebook is ready for any deployments a business has in mind.

WHY BUY THE LENOVO® THINKPAD® T450?

**1** IMPROVED CUSTOMIZATION



Build it to suit your power and performance needs, now with 2 DIMM slots and up to 16GB of memory, plus 3 USB 3.0 ports for maximum connectivity.

**2** BUILT FOR BUSINESS



Ultraportable at just 4 lbs light and 21 mm slim, but Intel® 5<sup>th</sup> Generation Core i processors and a brilliant 14" HD touch screen display deliver enterprise-class performance.

**3** POWER AND PRODUCTIVITY



Up to 19 hours of battery life make this a powerful, go-all-day performer. Innovative, functional Lenovo® DOit Apps make it the ultimate productivity notebook.

**4** DURABLE ROAD WARRIOR



ThinkPads endure over 200 tests for durability and the T450 chassis is tested for compliance with rigorous Mil-Specs.

WHO NEEDS THE LENOVO® THINKPAD® T450?

**1** Enterprises, SMBs and business executives who need highly-mobile, go-all-day notebooks.

**2** Executives seeking business-ready notebooks with all the productivity features they need.

**3** Organizations that value the benefits of a complete ecosystem of accessories to help protect their investment.

**4** Road warriors who need a powerful, durable notebook with great mobility.



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# SPECIFICATIONS

## PERFORMANCE

### Processor

Intel® Core™ i7-5600U Processor (4M Cache, up to 3.20 GHz)  
 Intel® Core™ i5-5300U Processor (3M Cache, up to 2.90 GHz)  
 Intel® Core™ i5-5200U Processor (3M Cache, up to 2.70 GHz)  
 Intel® Core™ i3-5010U Processor (3M Cache, up to 2.10 GHz)

### Operating System

Windows 8.1  
 Windows 8.1 Pro  
 Windows 7 Professional  
 Windows 7 Professional pre-installed via downgrade rights from Windows 8.1 Pro

### Graphics

Integrated with docking

### Memory

Up to 16GB (2 DIMMS)

### Webcam

720p Camera<sup>1</sup>

### Storage

**2.5" Hard Drives – 5400 rpm**  
 500GB / 1TB Hard Disk Drive, 5400 rpm  
 500GB Hard Disk Drive, 5400 rpm Hybrid  
**2.5" Hard Drives – 7200 rpm**  
 500GB Hard Disk Drive, 7200 rpm  
 500GB Hard Disk Drive, 7200 rpm TCG Opal 1.0 – Capable  
**Solid State Drives**  
 128GB / 512GB Solid State Drive, SATA 3  
 180GB / 240GB / 256GB Solid State Drive, SATA 3, Opal 2.0 – Capable

### Audio

Stereo Speakers, Dual Array Microphone, Combo Headphone / Microphone port

### Battery<sup>2</sup>

Up to 19 hours (95 Wh)

## DESIGN

### Display

14" HD (1366 x 768) Antiglare  
 14" HD+ (1600 x 900) Antiglare  
 14" HD+ (1600 x 900) Touch Screen

### Dimensions (W x D x H)

9.41" x 9.15" x 0.83"  
 (239 mm x 232.5 mm x 21 mm)

### Weight

Starting at 1.81 kg (4 lbs)

### Keyboard

Standard and Backlit<sup>1</sup>, with Next-generation Clickpad



## CONNECTIVITY

### I/O Ports

1 x VGA  
 1 x mini DP  
 3 x USB 3.0  
 1 x Integrated Smartcard Reader<sup>1</sup>  
 1 x Mic / headphone combo  
 1 x RJ45  
 1 x FPR<sup>1</sup>  
 4-in-1 card reader (SD, MMC, SDHC, SDXC)

### Communication

WWAN<sup>1</sup> – Sierra EM7345 LTE/3G HSPA + 42M,  
 WLAN – Intel® 11 a/c + BT 4.0, Intel® 11 a/g/n + ThinkPad® 2 x 2 b/g/n + BT 4.0, Intel® 1 x 1 a/c Bluetooth® 4.0

## PRELOADED SOFTWARE

### Lenovo® D@it Apps

- SHAREit
- SECUREit
- SYNCit
- SNAPit
- SEEit

- 1 Optional.
- 2 Battery life (and recharge times) will vary based on many factors including system settings and usage. A description of the environment under which the test was performed is available upon request.

## ACCESSORIES



**2013 ThinkPad® Mechanical Docking:**  
 ThinkPad® Ultra Dock,  
 ThinkPad® Pro Dock,  
 ThinkPad® Basic Dock



Lenovo® 65W DC Travel Adapter



ThinkPad® Active Backpack Large,  
 ThinkPad® Professional Slim Topload Case

Recommended accessory - power and dock your Laptop with one cable.



Lenovo® 3M 14.0W Privacy Filter



ThinkPad® Compact Bluetooth® Keyboard;  
 USB Keyboard



ThinkPad® USB 3.0 Portable Secure Hard Drive – 500GB, 750GB and 1TB



ThinkPad® Noise Cancelling Earbuds



ThinkVision® Pro 2820 Monitor

## LENOVO SERVICES

### COMPLETE PORTFOLIO OF SUPPORT AND PROTECTION SERVICES

- Upgrade warranty to Onsite NBD for fast response
- Accidental Damage Protection for complete coverage of unwarranted damage

### BUSINESS-CLASS SUPPORT FOR SMB

- Extend warranty up to 4 years
- Priority Technical Support for direct access to advanced technicians
- Keep Your Drive to keep your business and customer data secure
- Sealed Battery Warranty for affordable replacement of internal batteries

### WHY THINKPAD®?

- 1 Engineered to endure** – Premium materials and layers of reinforcements protect your data even in extreme conditions.
- 2 The gold standard in reliability, since 1992** – Superior cooling, spill resistance and dust protection guard against system failure.
- 3 Thoughtful design inspired by you** – Every small detail is researched and crafted by our engineers for an enhanced user experience.
- 4 Award-winning ergonomic keyboard** – Precision keyboard design for better typing comfort and accuracy.
- 5 A new level in mobility** – Stylish multimode convertibles, tablets, ultra-mobile ultrabooks, performance laptops, mobile workstations: there's a ThinkPad® for every need.

