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LENOVO® THINKPAD® T450 NOTEBOOK

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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 lesser than 1.81 kg 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**

**2 BUILT FOR BUSINESS**

**3 POWER AND PRODUCTIVITY**

**4 DURABLE ROAD WARRIOR**

**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.**

**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.**

**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.**

**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+ TN (1600 x 900) Antiglare

14" HD+ TN (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 (lesser than 4 lbs)

## Keyboard

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

## 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



## Lenovo® 3M 14.0W Privacy Filter



## ThinkPad® Compact Bluetooth® Keyboard; USB Keyboard



## ThinkPad® Noise Cancelling Earbuds



## ThinkVision® Pro 2820 Monitor

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## 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, Ericsson N5321 HSPA + 21M

WLAN – Intel® 11 a/c + BT 4.0, Intel® 11 a/g/n + BT 4.0, Intel® 11 b/g/n + BT 4.0, ThinkPad® 2 x 2 b/g/n + BT 4.0, Intel® 1 x 1 a/c

Bluetooth® 4.0

## PRELOADED SOFTWARE

## Lenovo® DOit Apps

- SHAREit
- SECUREit
- SYNCit
- SNAPit
- SEEit

<sup>1</sup> Optional.<sup>2</sup> 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.

## LENOVO SERVICES

## COMPLETE PORTFOLIO OF SUPPORT AND PROTECTION SERVICES

- Upgrade warranty to Onsite Next Business Day or Expedited Depot<sup>3</sup> for fast response
- Accidental Damage Protection<sup>3</sup> for complete coverage of unwarranted damage

## BUSINESS-CLASS SUPPORT FOR SMB

- Extend warranty up to 5 years
- Priority Technical Support<sup>3</sup> 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

<sup>3</sup> Not available in all regions

- 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.

WHY  
THINKPAD®?

©2014 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 Inside logo, Intel Atom and Intel Atom Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Other company, product and service names may be trademarks or service marks of others. Battery life (and recharge times) will vary based on many factors including system settings and usage. Visit [Lenovo.com/safecomputing](http://Lenovo.com/safecomputing) periodically for the latest information on safe and effective computing.