

# Performance and Functionality

Packed in a Thin & Light Chassis

The ThinkPad® P50s takes mobility and performance to a whole new level. Made for professionals on the go, the P50s features the latest Intel® Core™ processors and NVIDIA® Quadro® professional graphics. Lenovo's thin and light full-function mobile workstation also will last as long as you can using Power Bridge Technology. The ThinkPad® P50s is MIL-SPEC tested for maximum durability, is ISV certified, and features a beautiful 15.6" 3K IPS display or an optional FHD touchscreen.



## WHY YOU SHOULD BUY THE LENOVO™ THINKPAD® P50s MOBILE WORKSTATION



**Mobile performance**  
Thin, light and powerful using Intel® Core™ processors, latest NVIDIA® Quadro® graphics card, up to 32 GB of memory, and flexible storage options.



**Stunning visuals**  
Ultra high resolution 3K IPS anti-glare display with wide viewing angles for a premium interactive experience.



**Powered up**  
Power Bridge technology lets users hot-swap the rear battery; giving you freedom from the plug. Power Bridge uses two batteries to keep you going at all times.



**Legendary reliability**  
Engineered to endure the rigors of day-to-day use in the field; the ThinkPad P50s is MIL-SPEC tested so users know they are getting a reliable product that lasts.

## THE LENOVO™ THINKPAD® P50s MOBILE WORKSTATION IS BEST SUITED FOR

- 1** Engineers and designers who have to have the thinnest, lightest, yet fastest system.
- 2** Users looking for ISV certified mobile workstation which ensures superior application performance.
- 3** Torture-tested to be ThinkPad® tough; ensuring your system can withstand the rigors of day-to-day use in the field.

## WHAT'S IN A THINKPAD®

- ① The gold standard in reliability since 1992
- ② Premium materials and layers of reinforcement
- ③ Award winning ergonomic keyboard
- ④ Form factors for all needs
- ⑤ Purposeful design details



## SPECIFICATIONS

### PERFORMANCE

#### Processor

Intel Core i5-6300U Processor (3MB Cache, up to 3.00GHz)  
 Intel Core i7-6500U Processor (4MB Cache, up to 3.10GHz)  
 Intel Core i7-6600U Processor (4MB Cache, up to 3.40GHz)

#### Operating System

Linux  
 Windows 7 Professional 32 preinstalled through downgrade rights in Windows 10 Pro  
 Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro  
 Windows 7 Home Basic 64  
 Windows 7 Professional 32  
 Windows 7 Professional 64  
 Windows 10 Home 64  
 Windows 10 Pro 64  
 Windows 10 Home Single Language 64

#### Graphics

NVIDIA® Quadro® M500M 2GB

#### Memory

2 SODIMM slots PC3-12800 DDR3L 1600MHz - up to 16GB max. each slot (32GB RAM in total)

#### HDD/SSD

128GB SSD 2.5" 7mm SATA3  
 180GB SSD 2.5" 7mm SATA3 OPAL2  
 192GB SSD 2.5" 7mm SATA3  
 240GB SSD 2.5" 7mm SATA3 OPAL2  
 256GB SSD 2.5" 7mm PCIeG3x2 OPAL2  
 256GB SSD 2.5" 7mm SATA3 OPAL2  
 512GB SSD 2.5" 7mm SATA3  
 512GB SSD 2.5" SATA3 Opal2.0

1TB HD 5400rpm 2.5" 7mm SATA3  
 500GB HD +8GB SSD 2.5" SATA3  
 500GB HD 7200rpm 2.5" 7mm SATA3

#### Power Supply

65 W

#### Battery<sup>1</sup>

3 Cell Front (44 WHr)  
 3 Cell Rear (23 WHr)  
 6 Cell Rear (48 WHr)  
 6 Cell Rear (72 WHr)

### CONNECTIVITY

#### Ports

(3) USB 3.0, 1 Always-on Charging  
 (1) HDMI 1.4  
 (1) Mini DisplayPort™ 1.2  
 (1) RJ45 Gigabit Ethernet  
 (1) Docking Connector  
 (1) Microphone / Headphone Combo Jack  
 (1) Smart Card Reader2  
 (1) SDXC

#### WLAN

Intel® 8260 2 x 2 a/c + Bluetooth® 4.1 vPro  
 Intel® 8260 2 x 2 a/c + Bluetooth® 4.1

#### WWAN

Sierra EM7455 - 4G LTE-A

#### Media Card Reader

Integrated 4-in-1 SD Card Reader (SD, SDHC, SDXC, MMC)

### DESIGN

#### Dimensions (W x D x H)

(mm) 380.6 x 258.2 x 22.4 - 23.3  
 (inches) 15 x 10.2 x 0.88 - 0.92

#### Display

FHD (1920 x 1080) IPS, 300 nits  
 FHD Touch (1920 x 1080) IPS, 270 nits  
 3K (2880 x 1620) IPS, 350 nits

#### Weight

Starting at 4.9 lbs (2.2 kg)

#### Keyboard

ThinkPad® Precision Keyboard with Numeric Keypad and Backlit<sup>2</sup>

### SOFTWARE

#### Windows 10 Preload

- Lenovo™ Connect
- Lenovo™ Companion
- Lenovo™ Solution Center
- McAfee™ LiveSafe (30-day trial)
- Microsoft Office 2013 (trial)
- Lenovo Setting

#### Windows 7 Preload

- Lenovo™ Connect
- Lenovo™ Solution Center
- McAfee™ LiveSafe (30-day trial)
- Microsoft Office 2013 (trial)
- Acrobat Reader
- ThinkVantage® System Update
- Rescue and Recovery®

### GREEN CERTIFICATION

- ENERGY STAR® 6.1
- GREENGUARD®
- RoHS Compliant

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

## RECOMMENDED SERVICES

Lenovo™ offers a comprehensive portfolio of services to support and protect your ThinkPad® investment. Focus on your customers and business, not your IT.

#### PRIORITY TECHNICAL SUPPORT<sup>3</sup>

Makes your priority, our priority. 24x7 priority call routing to advanced-level technicians, electronic incident tracking, and rapid response and resolution.

#### WARRANTY UPGRADES - ONSITE AND NEXT BUSINESS DAY

Maximizes PC uptime and productivity by providing convenient, fast repair service the next business day.

#### ACCIDENTAL DAMAGE PROTECTION<sup>3</sup>

Avoid the hassles of unexpected repair costs. Provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops or damage to the integrated screen.

#### KEEP YOUR DRIVE

Retain your drive if it should happen to fail, giving you the peace of mind to know that your valuable data is secure. KYD applies to all drives within multi hard disk/SSD systems.

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

## OPTIONS & ACCESSORIES



ThinkPad®  
Ultra Dock  
40A20170US



WWW.LENOVO.COM

