The ThinkPad® P50 takes mobile performance to a whole new level. Made for professional designers and engineers, the P50 features the first ever Intel® Xeon® processors made for mobile workstations and NVIDIA® Quadro® professional graphics. Lenovo’s thinnest and lightest full-function mobile workstation. The ThinkPad® P50 is MIL-SPEC tested for maximum durability, is ISV certified, and features a beautiful 15.6" 4K UHD display with X-Rite® Pantone® color calibration for absolute accurate colors throughout the life of the product.

Next level performance

Engineered for engineers

The ThinkPad® P50 takes mobile performance to a whole new level. Made for professional designers and engineers, the P50 features the first ever Intel® Xeon® processors made for mobile workstations and NVIDIA® Quadro® professional graphics. Lenovo’s thinnest and lightest full-function mobile workstation. The ThinkPad® P50 is MIL-SPEC tested for maximum durability, is ISV certified, and features a beautiful 15.6" 4K UHD display with X-Rite® Pantone® color calibration for absolute accurate colors throughout the life of the product.

Why you should buy the Lenovo™ ThinkPad® P50 mobile workstation

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

Mobile performance

Packed with power, including the first Intel® Xeon® processors for mobile workstations, latest NVIDIA® Quadro® graphics card, up to 64 GB of memory, and 1 TB of PCIe storage.

Stunning visuals

Ultra high resolution 4K IPS display with 100% color gamut and X-Rite® Pantone® color calibration, keeps images vibrant and accurate.

Ultimate user experience

Upgraded touchpad resists wear and features new 3-button functionality. Move huge files in an instant with the fastest connection using Intel® Thunderbolt™ 3.

Legendary reliability

The ThinkPad® P50 is MIL-SPEC tested. The new FLEX Performance Cooling gives users the ability to push their system harder for longer using dual-fan technology.

The Lenovo™ ThinkPad® P50 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

Lenovo™ recommends Windows.
Lenovo™ ThinkPad® P50 Mobile Workstation

Lenovo™ recommends Windows.

SPECIFICATIONS

PERFORMANCE

Processor
Intel® Xeon® Processor for Mobile Workstations
6th Generation Intel® Core™ Processor

Operating System
Windows 10 Pro
Windows 7 Professional (available through downgrade rights from Windows 10 Pro)

Graphics
NVIDIA® Quadro®

Memory
4 SODIMM Slots, 64 GB Max., 2133 MHz

Max. Storage Devices - 3
2 TB HDD
1 TB PCIe / SATA SSD

RAID
0, 1

Power Supply
170 W

Battery1
4 Cell (66 WHr)
6 Cell (90 WHr)

CONNECTIVITY

Ports
(4) USB 3.0, 1 Always-on Charging
(1) HDMI 1.4
(1) Mini DisplayPort™ 1.2
(1) Thunderbolt™ 3
(1) RJ45 Gigabit Ethernet

(1) Docking Connector
(1) Microphone / Headphone Combo Jack
(1) Smart Card Reader2
(1) ExpressCard / 34 mm
(1) MMC, SD, SDHC, 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)

SOFTWARE

- Windows 10 Pro 64-bit
- Windows 10 Home Premium 64-bit
- Windows 10 Home Premium
- Windows 10 Home
- Chinese Language Edition 64-bit
- Windows 7 Professional 64-bit
- Professional 64-bit (pre-installed through downgrade rights in Windows 10 Pro)
- Windows 7 Professional 64-bit
- Ubuntu® Linux
- RHEL

GREEN CERTIFICATION

- EPEAT® Gold (US only)
- ENERGY STAR® 6.1
- GREENGUARD®
- RoHS Compliant

DESIGN

Dimensions (W x D x H)
(mm): 377.4 x 252.3 x 24.5 - 25.9
(inches): 14.86” x 9.93” x 0.96” - 1.02”

Display
FHD (1920 x 1080) IPS, 250 nits
FHD Touch (1920 x 1080) IPS, 220 nits
4K UHD (3840 x 2160) IPS, 300 nits

Weight
Starting at 5.6 lbs (2.5 kg)

Color Sensor
X-Rite® Pantone®

Keyboard
ThinkPad® Precision Keyboard with Numeric Keypad and Backlit®

Battery life and recharge times will vary based on many factors including system settings and usage. Lenovo recommends Windows.

1 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.

2 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.

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

WARRANTY UPGRADES - ON-SITE AND NEXT BUSINESS DAY
Maximizes PC uptime and productivity by providing convenient, fast repair service the next business day.

WARRANTY EXTENSIONS (1-TO-4 YEARS TOTAL DURATION)
This fixed-term, fixed-cost service helps accurately budget for PC expenses, protect your valuable investment and potentially lower the cost of ownership over time.

KEEP YOUR DRIVE
Rest your mind if it should happen to fail, giving you the peace of mind to know that your valuable data is secure. KVD applies to all drives within multi hard disk/SSD systems.

K E P P Y O U R D R I V E

OPTIONS & ACCESSORIES

ThinkPad® Performance Dock

WWW.LENOVO.COM

©2015 Lenovo. All rights reserved. Availability. Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photograhic 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, ThinkPad, ThinkCentre, ThinkStation, ThinkServer, ThinkVantage and ThinkVision are trademarks or registered trademarks of Lenovo; Microsoft, Windows and Vista are registered trademarks of Microsoft 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 periodically for the latest information on safe and effective computing.