Whether you’re designing a new building or working on the next supercar, the ThinkPad® P51 will bring the power and portability you demand. The latest Intel® Xeon® processors and NVIDIA® Quadro® graphics will make sure your P51 has the ISV certifications you need so you can rest assured our hardware will run your software. MIL-SPEC tested along with the fastest available storage and memory; you’ll have a machine that gets the job done for years to come.

**Next level Performance**

**Engineered for Engineers**

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**WHY YOU SHOULD BUY THE LENOVO™ THINKPAD® P51 MOBILE WORKSTATION**

**Mobile performance**

Packed with power, including the latest Intel® Xeon® processors for mobile workstations, latest NVIDIA® Quadro® graphics card, up to 64 GB of memory, and 2 TB of PCIe storage.

**Ultimate user experience**

Perfect combination, with the legendary ThinkPad® keyboard and a CAD-focused touchpad. Move huge files in an instant with the fastest I/O on the market with Intel® Thunderbolt™ 3 port.

**Stunning visuals**

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

**Legendary reliability**

The ThinkPad® P51 is MIL-SPEC tested. Best in class thermal design, stays cool & quiet while maintaining the power to perform.

**THE LENOVO™ THINKPAD® P51 MOBILE WORKSTATION IS BEST SUITED FOR**

1. Engineers and designers who have to have the thinnest, lightest, yet fastest system.
2. Users looking for an ISV certified mobile workstation which ensures superior application performance.
3. Any user who needs their system to withstand the rigors of day-to-day use in the field with this torture-tested ThinkPad tough workstation.

**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™ ThinkPad® P51 Mobile Workstation

## SPECIFICATIONS

### PERFORMANCE

**Processor**
- Intel® Xeon® E3-v6 Processors for Mobile Workstations
- 7th Generation Intel® Core™ Processors

**Graphics**
- Up to NVIDIA® Quadro® M2200

**Memory**
- 4 SODIMM Slots, 64 GB DDR4 (2400MHz) Max.

**Total Storage Devices - 3**
- Max HDD = 2 TB (1)
- Max PCIe SSD = 1 TB (2)

**RAID**
- 0, 1

**Power Supply**
- 170 W

**Battery**
- 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) Intel® Thunderbolt™ 3
- (1) RJ45 Gigabit Ethernet
- (1) Docking Connector
- (1) Microphone / Headphone Combo Jack
- (1) Smart Card Reader
- (1) ExpressCard / 34 mm

**WLAN**
- Intel® 8265 2 x 2 a/c + Bluetooth® 4.1 vPro
- Intel® 8265 2 x 2 a/c + Bluetooth® 4.1

**WWAN**
- Sierra EM7445 - 4G LTE-A

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

### 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® 1

**Keyboard**
- ThinkPad® Precision Keyboard with Numeric Keypad and Backlit2

### SOFTWARE

- Windows 10 Pro 64-bit
- Windows 10 Home 64-bit
- Windows 10 Home Single Language 64-bit
- Windows 10 Home Chinese Language Edition 64-bit
- Ubuntu® Linux
- RHEL

### GREEN CERTIFICATION

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

## RECOMMENDED SERVICES

Lenovo™ recommends Windows.

### OPTIONS & ACCESSORIES

- ThinkPad® Performance Dock
  - PN: 40A50230XX

- ThinkPad® Professional Backpack - Up to 15.6"
  - PN: 4X40E77324

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