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® M2200M

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

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

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)

SOFTWARE

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

GREEN CERTIFICATION

• EPEAT™ Gold
• 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 Backlit²

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 SUPPORT³
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.

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.

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.

OPTIONS & ACCESSORIES

ThinkPad® Performance Dock
PN: 40A50230XX

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

INFOGRAPHICS

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1 Optional.

2 Not available in all regions.

3 Not available in all regions.