

Lenovo® recommends Windows.

lenovo® **FOR**
THOSE
WHO DO.™

THINKSTATION® P500 WORKSTATION

USABILITY. RELIABILITY. PERFORMANCE.
A VERSATILE WORKSTATION CONFIGURED YOUR WAY.



A next-generation workstation that's powerful enough for any job and reliable enough for mission-critical environments. Customize a ThinkStation® P500 for the power, performance and usability you need, including the highest storage capacity available. Intelligent design features include new Flex Trays that holds up to two drives for total flexibility and patented Tri-Channel Cooling for enhanced reliability.

WHY BUY THE
THINKSTATION®
P500?

1 UNMATCHED USABILITY



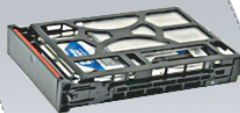
Innovative modular design makes tool-less upgrades a snap, especially with Flex Trays for fully configurable storage and interchangeable power supplies and graphics cards.

2 UNPARALLELED RELIABILITY



P series workstations run cooler than ever thanks to our advanced Tri-Channel cooling and innovative air baffle design. Priority Technical Support 24x7 and ISV certification make P500 perfect for mission-critical tasks.

3 SUPERB PERFORMANCE



Fully customizable, even for unique and challenging storage, memory, graphics, power and I/O configurations.

4 NO-HASSLE DEPLOYMENT



Advanced Deployment Services include custom image load and creation and basic tagging to protect your investment. Includes Lenovo® Services for Enterprise Business Class Support.

WHO
NEEDS THE
THINKSTATION®
P500?

1

Industries requiring high reliability and performance – manufacturing, graphic design, finance, medicine, electronics and IT.

2

Organizations seeking workstation-level performance from the CPU, graphics and memory.

3

People performing challenging tasks like architectural design, 3D CAD/CAM, medical imaging or A/V editing.

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SPECIFICATIONS

PERFORMANCE

Processor

Future Intel® Xeon® EP Processors
E5-1600 v3 and E5-2600 v3 family of Processors

Operating System

Windows 8.1 Pro
Windows 8.1
Windows 7 Professional 32 bit
Windows 7 Professional 64 bit

Power supply

490 W 80% Efficient
650 W 92% Efficient

Graphics

NVIDIA® NVS 310
NVIDIA® NVS 315
NVIDIA® NVS 510
NVIDIA® Quadro® K420
NVIDIA® Quadro® K620
NVIDIA® Quadro® K2200
NVIDIA® Quadro® K4200
NVIDIA® Quadro® K5200
NVIDIA® Quadro® K6000
NVIDIA® Tesla K20
NVIDIA® Tesla K40

Memory

8 DIMM slots, up to 2133 MHz

RAID

0, 1, 5, 10

Media Card Reader

Integrated 9-in-1 SD card reader
Optional 29-in-1

Flex Module

YES – up to 4 devices
(1) 9.5 mm Slim ODD
(29:1) MCR
1394 IEEE Firewire
eSATA

DESIGN

Chip set

C612

Ports

(4) Rear 3.0
(4) Rear 2.0
(4) Front 3.0
1 x 1GbE ethernet
PS2

Expansion Slots

2 x PCIe x 16
2 x PCIe x 4 (open ended)
1 x PCIe x 1 (open ended)
1 x PCI
1 x Flex Connector

Dimensions (W x D x H)

6.9" x 18.5" x 17.3"
(175 mm x 470 mm x 440 mm)

Max Storage Devices - 11

Max 3.5" = 6 (24TB)¹
Max 2.5" = 10 (7.4TB)¹
Max M.2 = 1 (256GB)¹



¹ Any combination of storage to equal Maximum Storage Drives of 11.

ACCESSORIES



Monitor

Lenovo® ThinkVision® Pro2840m 28" 4k Monitor (60B4RAR6US)
Lenovo® ThinkVision® LT2452p 24" LED Monitor (4420MB2)

LENOVO SERVICES

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

PRIORITY TECHNICAL SUPPORT²

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.

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

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.

² Not available in all regions

WHY THINKSTATION®?

- Legacy of superior reliability³** – Engineered to channel maximum airflow over key components.
- Blazing speeds and scalability** – High-performance components and features to run workstation class applications.
- Serviceability** – ThinkStation® workstations are designed to make upgrades fast and easy.
- Wide range of ISV certifications** – Ensures compatibility with key workstation applications.

³ Legal footnote: A 2012 TBR Repair Rate Study found ThinkStation to be 24% more reliable than Dell and 16% more reliable than HP workstations

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