

Lenovo® recommends Windows.



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.

<p>WHY BUY THE THINKSTATION® P500?</p>	<p><b>1 UNMATCHED USABILITY</b></p>	 <p>Innovative modular design makes tool-less upgrades a snap, especially with Flex Trays for fully configurable storage and interchangeable power supplies and graphics cards.</p>
	<p><b>2 UNPARALLELED RELIABILITY</b></p>	 <p>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.</p>
	<p><b>3 SUPERB PERFORMANCE</b></p>	 <p>Fully customizable, even for unique and challenging storage, memory, graphics, power and I/O configurations.</p>
	<p><b>4 NO-HASSLE DEPLOYMENT</b></p>	 <p>Advanced Deployment Services include custom image load and creation and basic tagging to protect your investment. Includes Lenovo® Services for Enterprise Business Class Support.</p>

  

<p>WHO NEEDS THE THINKSTATION® P500?</p>	<p><b>1</b> Industries requiring high reliability and performance – manufacturing, graphic design, finance, medicine, electronics and IT.</p>	<p><b>2</b> Organizations seeking workstation-level performance from the CPU, graphics and memory.</p>	<p><b>3</b> People performing challenging tasks like architectural design, 3D CAD/CAM, medical imaging or A/V editing.</p>
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**lenovo** FOR  
THOSE WHO DO.™

## 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)<sup>1</sup>  
Max 2.5" = 10 (7.4TB)<sup>1</sup>  
Max M.2 = 1 (256GB)<sup>1</sup>



<sup>1</sup> 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 SUPPORT<sup>2</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.

**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.

<sup>2</sup> Not available in all regions

WHY THINKSTATION®?

- 1 Legacy of superior reliability<sup>3</sup>** – Engineered to channel maximum airflow over key components.
- 2 Blazing speeds and scalability** – High-performance components and features to run workstation class applications.
- 3 Serviceability** – ThinkStation® workstations are designed to make upgrades fast and easy.
- 4 Wide range of ISV certifications** – Ensures compatibility with key workstation applications.

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

