

Usability. Reliability. Performance.

A versatile workstation configured your way

A workstation that's powerful enough for any job and reliable enough for mission-critical environments. Customise 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 YOU SHOULD BUY THE LENOVO™ THINKSTATION® P500 WORKSTATION



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.



Unparalleled reliability

P series workstations run cooler than ever, thanks to our advanced tri-channel cooling and innovative air baffle design. ISV certification make P500 perfect for mission-critical tasks.



Superb performance

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



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.

THE LENOVO™ THINKSTATION® P500 WORKSTATION IS BEST SUITED FOR

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.

WHAT'S IN A THINKSTATION®

- ① Unique tri-channel cooling system
- ② Diagnostics and self-monitoring
- ③ Flex configuration for ultimate customisation
- ④ Modular design for easy upgradability
- ⑤ Wide range of ISV certifications



SPECIFICATIONS

PERFORMANCE

Processor

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

Operating System

Windows 10
Windows 10 Pro 64-bit
Windows 7 Professional 64-bit
Windows 7 Professional 32-bit

Graphics

NVIDIA® NVS™ 310
NVIDIA® NVS™ 315
NVIDIA® NVS™ 510
NVIDIA® Quadro® K420
NVIDIA® Quadro® K620
NVIDIA® Quadro® K2200
NVIDIA® Quadro® M4000
NVIDIA® Quadro® M5000
NVIDIA® Quadro® M6000
NVIDIA® Tesla™ K40

Memory

8 DIMM Slots, Up to 2133 MHz

Max Storage Devices - 11

Max 3.5" = 6 (24 TB)¹
Max 2.5" = 10 (10 TB)¹
Max M.2 PCIe = 1 (512 GB)¹

Power Supply

490 W 90% Efficient
650 W 92% Efficient

Raid

0, 1, 5, 10

Flex Module

Slim Optical Drive
29-in-1 Media Card Reader
IEEE 1394 Firewire
eSATA

¹ Any combination of storage to equal maximum storage drives of 11.

CONNECTIVITY

Ports

(4) Rear USB 3.0
(4) Rear USB 2.0
(4) Front USB 3.0
1 x 1GB Ethernet
PS2

Expansion Slots

2 x PCIe x16
2 x PCIe x4 (open-ended)
1 x PCIe x1 (open-ended)
1 x PCI
1 x Flex Connector

Media Card Reader (MCR)

Integrated 9-in-1 SD Card Reader
Optional 29-in-1

Connectivity

AC WiFi

DESIGN

Dimensions (W x D x H)

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

Chipset

C612

SOFTWARE

Lenovo™ Developed Apps

- Lenovo™ Companion
- Lenovo™ Solution Center

GREEN CERTIFICATION

- ENERGY STAR® 6.0 Qualified
- EPEAT™ GOLD Rating
- GREENGUARD® Certified
- 80 PLUS® Platinum – 650 W PSU;
850 W PSU
- 80 PLUS® Gold – 490 W PSU

Lenovo™

ACCESSORIES

Lenovo ThinkVision Pro2840m 28" 4K x 2K Monitor
(60B4RAR6xx)

Lenovo 16GB DDR4 2133Mhz ECC RDIMM Memory
(4X70G78062)

ThinkStation 256GB M.2 Solid State Drive
(4XB0G69278)

Nvidia Quadro K620 2GB DDR3 Dual-Link DVI-I, DisplayPort Graphics Card by
ThinkStation
(4X60G69028)

RECOMMENDED SERVICES

Lenovo™ offers a comprehensive portfolio of services that support the full lifecycle of your Lenovo™ ThinkStation®. With Lenovo's best-in-class service offers and response times, you'll get the most out of your IT investment.

PRIORITY TECHNICAL SUPPORT*

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

* Not available in all regions

WARRANTY EXTENSIONS (UP TO 5 YEARS TOTAL DURATION)

This service helps accurately budget for PC expenses, protect your investment and potentially lower the cost of ownership over time.

WARRANTY UPGRADES - ONSITE NEXT BUSINESS DAY + TECHNICIAN INSTALLATION OF CUSTOMER REPLACEABLE UNIT PARTS

Maximizes PC uptime and productivity by providing convenient, fast repair service at your place. Frees your IT staff from installing all internal parts so that they have more time to deal with mission critical business.

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.



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