

Usability. Reliability. Performance.

Versatile Workstation Configured Your Way

A next-generation mainstream workstation that's powerful enough for any job and reliable enough for mission-critical environments. Customize a ThinkStation® P510 for the power, performance and usability you need, including twice the storage and four-times the memory capacity.¹ Superior design features include Flex Trays that hold up to two drives per bay for total flexibility and patented Tri-Channel Cooling for enhanced reliability.



WHY YOU SHOULD BUY THE Lenovo™ THINKSTATION® P510 WORKSTATION



Power Performer

Intel® Xeon® processors with Turbo Max 3.0 and NVIDIA® Quadro® graphics deliver powerful performance with ISV certifications, fully customizable storage, memory, power and I/O configurations.



Unmatched Reliability

ThinkStation P Series workstations run cooler than ever thanks to our advanced Tri-Channel cooling and innovative air baffle design. Priority Technical Support 24x7 makes the P510 perfect for mission-critical tasks.



Innovative Features

Modular design makes tool-less upgrades a snap for fully configurable storage, multiple graphics cards and swappable power supplies.



No-hassle Deployment

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

THE Lenovo™ THINKSTATION® P510 WORKSTATION IS BEST SUITED FOR

- 1** Industries requiring high reliability and performance- manufacturing, finance, media & entertainment and healthcare.
- 2** Any organization where speed is the priority- seeking workstation-level performance from the CPU, graphics and memory.
- 3** People performing challenging tasks like architectural design, 3D CAD/CAM, software development, database management, medical imaging or AV editing.

WHAT'S IN A THINKSTATION®

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

¹Compared to an entry workstation.



SPECIFICATIONS

PERFORMANCE

Processor

Intel® Xeon® E5-1600 v4 Processor
(Up to 8 cores, 3.7GHz)
Intel® Xeon® E5-2600 v4 Processor³
(Up to 22 cores, 3.5GHz)

Operating System

Windows 10 Professional 64-bit
Linux (Ubuntu pre-load)

Graphics

Up to NVIDIA® Quadro® M6000

Total Memory

Up to 256GB DDR4, 8 DIMM Slots

Memory DIMM Capacity

8GB/16GB/32GB

Total Storage

11 total drives, 4 internal access bays
Max M.2=1 (1TB)¹
Max 3.5"=6 (48TB)¹
Max 2.5"=10 (10TB)¹

Storage Type Capacity

3.5" SATA 7200 rpm Up to 8TB³
3.5" SATA 7200 rpm Hybrid Up to 2TB
2.5" SATA SSD Up to 1TB
2.5" SAS HDD Up to 600GB
2.5" SAS SSD 800GB³
2.5" PCIe SSD Up to 2TB³
M.2 PCIe SSD Up to 1TB³

RAID

0, 1, 5, 10

Power Supply

490 W 90% Efficient
650 W 92% Efficient

Flex Module²

Yes – Up to 4 Devices
9.5 mm Slim ODD
Media Card Reader
1394 IEEE Firewire
eSATA

¹ Any combination of storage to equal maximum storage drives.

² Optional.

³ Special Bid Only.

CONNECTIVITY

Ports

Front

(4) USB 3.0
(1) Lenovo Diagnostics
(1) Microphone/Headphone
(1) 9-in-1 Media Card Reader

Rear

(4) USB 3.0
(4) USB 2.0
(1) Serial
(1) LPT-Parallel²
(2) PS/2
(1) Ethernet
(1) Audio Line-in
(1) Audio Line-out
(1) Microphone-in
(1) eSATA²
(1) Firewire²
(1) Thunderbolt™ 3²

WiFi

Intel® Wireless – N 7260² AC
802.11 ac, 2 x 2, 2.4 GHz /5GHz + Bluetooth® 4.0

Expansion Slots

(2) PCIe x16
(2) PCIe x4
(1) PCIe x 1
(1) PCI
(1) Flex Connector

Media Card Reader

Integrated 9-in-1
Optional 29-in-1

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

Windows 10 Preloads

- CyberLink PowerDVD
- CyberLink Create
- Lenovo™ Companion
- Lenovo™ Solution Center
- Microsoft Office 2016 (trial)

GREEN CERTIFICATION

- ENERGY STAR® 6.2 Qualified
- EPEAT™ GOLD Rating
- GREENGUARD® Certified
- RoHS Compliant
- 80 PLUS® Gold – 490 W PSU
- ErP Lot-6 2014

Lenovo™

RECOMMENDED 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 SUPPORT⁵

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.

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



Rack Rail Kit



ThinkVision P27



3DConnexion
CadMouse

⁵ Not available in all regions.



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