# 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



Industries requiring high reliability and performance- manufacturing, finance, media & entertainment and healthcare.

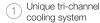


Any organization where speed is the priority- seeking workstationlevel performance from the CPU, graphics and memory.

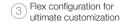


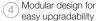
People performing challenging tasks like architectural design, 3D CAD/CAM, software development, database management, medical imaging or A/V editing.

### WHAT'S IN A THINKSTATION®













**SOFTWARE** 

Windows 10 Preloads

• CyberLink PowerDVD

Lenovo<sup>™</sup> Companion

Lenovo<sup>™</sup> Solution Center

• Microsoft Office 2016 (trial)

**GREEN CERTIFICATION** 

ENERGY STAR® 6.2 Qualified

• 80 PLUS® Gold – 490 W PSU

EPEAT<sup>™</sup> GOLD Rating

• RoHS Compliant

• ErP Lot-6 2014

• GREENGUARD® Certified

CyberLink Create

### **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" PCle SSD Up to 2TB3

M.2 PCle SSD Up to 1TB3

#### RAID

0, 1, 5, 10

### Power Supply

490 W 90% Efficient 650 W 92% Efficient

#### Flex Module

Yes - Up to 4 Devices 9.5 mm Slim ODD Media Card Reader 1394 IFFF 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) Firewire<sup>2</sup>
- (1) Thunderbolt<sup>TM</sup>  $3^2$

#### WiFi

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

#### **Expansion Slots**

- (2) PCle x16
- (2) PCIe x4
- (1) PCle 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

#### 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 SUPPORT

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

### **OPTIONS & ACCESSORIES**



Rack Rail Kit





ThinkVision P27

CadMouse

<sup>&</sup>lt;sup>6</sup> Not available in all regions.





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