Lenovo™ recommends Windows.
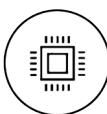
Usability. Reliability. Performance.

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 Intel® Turbo Boost Max Technology 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 A/V 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

intel **XEON®** inside™

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[1] Compared to an entry workstation.

SPECIFICATIONS

PERFORMANCE

Processor
Intel® Xeon® E5-1600 v4 Processor
(Up to 8 cores, 3.7GHz)
Intel® Xeon® E5-2600 v4 Processor[3]
(Up to 22 cores, 3.5GHz)

Operating System
Windows 10 Pro 64-bit
Linux (Ubuntu pre-load)
Windows 7 Professional 64-bit*

Graphics
Up to NVIDIA® Quadro® P6000

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= 2 [1]
Max 3.5"= 6 [1]
Max 2.5"= 10 [1]

Storage Type Capacity
3.5" SATA 7200 rpm Up to 8TB[3]
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 800GB[3]
2.5" PCIe SSD Up to 2TB[3]
M.2 PCIe SSD Up to 1TB[3]

RAID
0, 1, 5, 10

Power Supply
490 W 90% Efficient
650 W 92% Efficient

Flex Module[2]
Yes – Up to 4 Devices
9.0 mm Slim ODD
Media Card Reader
1394 IEEE Firewire
eSATA

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-Parallel[2]
(2) PS/2
(1) Ethernet
(1) Audio Line-in
(1) Audio Line-out
(1) Microphone-in
(1) eSATA[2]
(1) Firewire[2]
(1) Thunderbolt™ [2]

WiFi
Intel® Wireless – N 7260[2] 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

1 Any combination of storage to equal maximum storage drives.
2 Optional.
3 Special Bid Only.
* Available via Windows 10 Pro 64-bit license downgrade facilitation.

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.

WARRANTY EXTENSIONS[5]
This fixed-term, fixed-cost service helps accurately budget for PC expenses, protect your investment and potentially lower the cost of ownership over time.
TECHNICIAN INSTALLATION OF CRU[7] PARTS
Frees you from installing all internal parts so that you have more time to deal with mission critical business.

PRIORITY TECHNICAL SUPPORT[6]
Makes your priority, our priority. 24x7 priority call routing to advanced-level technicians, electronic incident tracking, and rapid response and resolution.
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.

5 Available up to 5 years total duration.
6 Not available in all regions.
7 CRU - Customer Replaceable Unit

OPTIONS & ACCESSORIES

NVIDIA® Quadro® M4000 8GB GDDR5 DP x 4 （4X60K59926）

ThinkVision® P27（60E3GAR1xx）

Rack Rail Kit（4XF0K29048）

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