

# Power of a workstation

Price of a desktop

Mission-critical tasks require superior reliability and powerful performance. ThinkStation® P310 leads on both counts and does it with exceptional all-around value. Consider the latest high-performance Intel® Xeon® processors, NVIDIA® Quadro® professional graphics, cutting-edge storage technologies and innovative Flex module support for easy customization, all surprisingly affordable.



## WHY YOU SHOULD BUY THE LENOVO™ THINKSTATION® P310 WORKSTATION



### Reliable performer

Intel® Xeon® processors and NVIDIA® Quadro® graphics deliver powerful performance. ISV certifications and ECC memory ensure exceptional reliability.



### Exceptional value

Truly affordable for any organization requiring a comfortable combination of performance and value.



### Innovative features

The Flex module allows for unprecedented flexibility in customizing I/O ports.



### Environment friendly

Lenovo™ is the only workstation vendor that has been certified with GREENGUARD® certification.

## THE LENOVO™ THINKSTATION® P310 WORKSTATION IS BEST SUITED FOR

**1** Companies ready to upgrade from PCs to more powerful workstations without breaking the budget.

**2** Any organization requiring reliable performance – manufacturing, design, architecture, finance, medical imaging, software development etc.

**3** Users in mission-critical environments seeking high-performance yet affordable workstations.

## 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

##### Tower / SFF

Intel® Xeon® E3-1200 v5 Processor  
6th Gen Intel® Core™ i7 Processor  
6th Gen Intel® Core™ i5 Processor  
6th Gen Intel® Core™ i3 Processor

#### Operating System

Windows 10  
Windows 10 Professional 64-bit  
Windows 7 Professional 64-bit

#### Graphics

**SFF** : NVIDIA® NVS™ / Quadro® Up to 2 x K1200  
**Tower** : NVIDIA® NVS™ / Quadro® Up to M4000<sup>5</sup>

#### Memory

64 GB DDR4, 4 Slots

#### Storage

3.5" SATA 7200 rpm Up to 4 TB  
3.5" SATA 7200 rpm Hybrid Up to 2 TB  
2.5" SATA SSD Up to 1 TB  
M.2 SSD Up to 512GB

#### Power Supply

210 W 85% Efficient  
250 W 85% Efficient  
400 W 92%<sup>1</sup> Efficient

#### Max HDD

Max M.2 = 1 (512 GB)

#### Tower :

Max 3.5" = 4 (16 TB)<sup>4</sup>  
Max 2.5" = 4 (4 TB)<sup>4</sup>

#### SFF :

Max 3.5" = 2 (8 TB)<sup>4</sup>  
Max 2.5" = 3 (3 TB)<sup>4</sup>

#### RAID

0, 1, 5, 10<sup>1</sup>

#### Flex Module

Yes – Up to 4 Devices  
(1) 9.5 mm Slim ODD  
(1) Media Card Reader  
1394 IEEE Firewire  
eSATA

<sup>1</sup> Tower only.

<sup>2</sup> Optional.

<sup>3</sup> +1 optional.

<sup>4</sup> Any combination of storage to equal maximum storage drives.

<sup>5</sup> Only available with 400 W power supply

## SUPPORTED TECHNOLOGIES

- Intel® E3 1200 Xeon® 5th Generation Processors
- ECC Memory
- OPAL 2.0 SSD Technology
- ThinkStation® Flex Technology
- Rack Shelf Conversion Kit for Tower Workstations

### CONNECTIVITY

#### Ports

##### Front

(2) USB 3.0  
(1) Microphone  
(1) Headphone  
(1) SD Card Reader  
(1) 29-in-1 Media Card Reader<sup>2</sup>  
(1) 1394 IEEE Firewire<sup>2</sup>  
(1) eSATA<sup>2</sup>

##### Rear

(4) USB 3.0  
(2) USB 2.0  
(1) Serial<sup>3</sup>  
(1) VGA  
(2) DisplayPort™  
(1) Ethernet  
(1) Audio Line-in  
(1) Audio Line-out  
(1) Microphone-in

#### WiFi

Intel® Wireless – N 8260<sup>2</sup> AC  
802.11 b/g/n, 2 x 2, 2.4 GHz WiFi + Bluetooth® 4.0

#### PCI / PCIe Slots

1 x PCIe x16  
1 x PCI x4 (x16 Mechanical)  
2 x PCIe x1

#### Media Card Reader

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

### DESIGN

#### Dimensions (W x D x H)

**SFF**  
(mm) : 101.6 x 394.5 x 337.8  
(inches): 4.0" x 15.5" x 13.3"

#### Tower

(mm) : 175.3 x 426 x 376  
(inches): 6.9" x 16.8" x 14.8"

#### Chipset

C236

#### Physical Security

Cable Lock

### SOFTWARE

#### Windows 10 Preloads

CyberLink Power2Go  
(on systems with optical drives)  
CyberLink Create  
(on systems with optical drives)  
Lenovo™ Companion  
Lenovo™ Solution Center  
SHAREit  
REACHit  
McAfee™ LiveSafe 30-day trial  
(systems with Core i5 and i7 CPU)  
Microsoft Office 2013 (trial)

#### Windows 7 Preloads

Adobe® Acrobat® Reader  
CyberLink Power2Go  
(on systems with optical drives)  
CyberLink Create  
(on systems with optical drives)  
Microsoft Office 2013 (trial)  
McAfee™ LiveSafe 30-day trial  
(systems with Core i5 and i7 CPU)  
ThinkVantage® System Update  
Rescue and Recovery®  
REACHit  
SHAREit  
Lenovo™ Solution Center  
Lenovo™ Companion  
Lenovo™ PowerEngage

### GREEN CERTIFICATION

ENERGY STAR® 6.0 Qualified  
EPEAT™ GOLD Rating  
GREENGUARD® Certified  
80 PLUS® Platinum – 400 W PSU  
80 PLUS® Silver – 250 W PSU 80  
PLUS® Silver – 250 W PSU

## 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 over time.

<sup>5</sup> Not available in all regions.



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