

# 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 customisation, all surprisingly affordable.



Lenovo™

## 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 customising 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 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 (SFF)  
250 W 85% Efficient (Tower)  
400 W 92% Efficient (Tower)

#### 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 (29-in-1)  
Front 1394 IEEE Firewire  
Front eSATA

### 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

#### PCIe Slots

1 x PCIe x16  
1 x PCIe 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 PowerDVD  
(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 PowerDVD  
(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

<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.

## ACCESSORIES

NVIDIA® Quadro® M4000 ( 4X60K59926 )

8GB DDR4 ECC UDIMM PC4-2133 ( 4X70K14184 )

480GB SATA 2.5" SSD - OPAL 2.0 (Intel®) ( 4XB0K26787 )

Lenovo DisplayPort to DisplayPort Monitor Cable ( 0A36537 )

## 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 EXTENSIONS (1-TO-5 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.

#### 4HR RESPONSE TIME SERVICES®

Maximize uptime and productivity with convenient, same-day repair service at your place of 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.

<sup>6</sup> Not available in all regions.



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