

Lenovo  
**ThinkStation**

**Lenovo ThinkStation P5**  
The Future-proof Industry Workhorse

Lenovo



Engineered for ultimate versatility, the ThinkStation P5 is the all-around industry workhorse for professionals that demand scalable, future-proof solutions. Featuring an all-new Aston Martin inspired chassis design, the latest Intel® Xeon® W-2500 processors. The P5 delivers up to 26 cores, and support for up to two NVIDIA RTX™ 6000 Ada Generation GPUs, you can rely on the P5 to pack enough punch for any workflow, even in mission-critical environments.

Processor:

**26 Cores**  
**4.8GHz**

Intel® Xeon® W-2500 processors

Graphics:

**2 NVIDIA RTX™**  
**6000 GPUs**

Each with 48GB VRAM

ECC Memory:

**512GB**  
**DDR5**

8 DIMM Slots

Internal Storage:

**48TB**

Up to 6 Drives Total

## Features



### Breakthrough Compute Architecture

The latest Intel Xeon W-2500 processors provide the ultimate workstation platform for professional compute demands



### Easy Configurability

Front drive access, hot-swap disks, and tool-less serviceability



### Future-proof Solutions

High speed DDR5 memory and ultra-fast PCIe Gen 5 bandwidth



### Mission Critical Certified

Certified by leading industry software application vendors for seamless application use

# Lenovo ThinkStation P5 Product Specifications<sup>^</sup>

## Performance

### Processor

Intel® Xeon® W-2500 processor (up to 26 cores, up to 4.8 GHz)

### Chipset

Intel W790

### Graphics

Up to 2 NVIDIA RTX™ 6000 Ada Generation, 48GB VRAM

### Total Memory

Up to 512GB DDR5, Up to 4800MHz<sup>1</sup>

### Memory DIMM Capacity

16GB / 32GB / 64GB ECC

8 DIMM Slots

### Storage Type Capacity<sup>2</sup>

M.2 PCIe NVMe SSD up to 4TB

3.5" SATA HDD up to 12TB

### Total Storage

Up to 6 total drives

Max M.2 = 3 (12TB)

Max 3.5" = 3 (36TB)

### RAID

M.2 = 0/1/10/5

SATA = 0/1/5

### Power Supply

750W, 1000W (92% efficient)

## Design

### Dimensions (WxDxH)

(mm): 165 x 453.9 x 440

(inches): 6.5 x 17.9 x 17.3

### Weight

Up to 19kg (41.9lbs)

## Connectivity

### Front Ports

(1) Audio Combo Jack

### Optional Front Ports

(2) USB-A 3.2 Gen 2 (10Gbps)\*

(2) USB-C® 3.2 Gen 2 (10Gbps)\*

### Rear Ports

(2) USB-A 2.0\*

(3) USB-A 3.2 Gen 2 (10Gbps)\*

(1) USB-C 3.2 Gen 2x2 (20Gbps)\*

(1) RJ-45 Gigabit Ethernet

(1) Line in

(1) Line out

### Optional Rear Ports

(1) Serial

### WLAN

Intel AX211 Wi-Fi 6E 2x2 + Bluetooth™ 5.2, Intel vPro<sup>3,4</sup>

Internal Wi-Fi Antenna

### Expansion Slots

(2) PCIe 5.0 x16

(1) PCIe 4.0 x8

(3) PCIe 4.0 x4

### Expansion Options<sup>4</sup>

PS/2

USB-C

LAN

<sup>1</sup> 4800MHz max speed; available depending on configuration

<sup>2</sup> Any combination of storage to equal maximum storage drives; additional hardware may be required

<sup>3</sup> Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

<sup>4</sup> Optional, additional hardware may be required

<sup>^</sup> For a full list of configuration details, specifications, and any limitations please visit: <https://psref.lenovo.com>

\* USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.



## Lenovo Options & Accessories



ThinkVision P34w



2TB Performance PCIe Gen4 NVMe OPAL2 M.2 2280 SSD



NVIDIA RTX™ 4000 Ada Generation GPU

For a full list of accessories and options, please visit: [accsmartfind.lenovo.com](https://accsmartfind.lenovo.com)

For more details on ThinkStation and ThinkPad, please visit: [lenovo.com/workstations](https://lenovo.com/workstations)

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## Lenovo ThinkStation P5 General Specifications<sup>^</sup>

### Software

#### Operating System

##### Preloaded:

Windows 11 Pro for Workstation

Windows 10 Pro for Workstation (pre-installed through downgrade rights in Windows 11 Pro)

Ubuntu® Linux<sup>®1</sup>

##### Supported:

Windows 10 Enterprise Edition

Red Hat® Enterprise Linux<sup>2</sup>

#### Windows Preloads

Lenovo Commercial Vantage

#### ISV Certifications

Including AVID®, Altair®, Autodesk®, ANSYS®, Bentley®, Dassault®, Nemetschek®, PTC®, Siemens®

For a complete list of ISV certifications visit <https://thinkworkstations.com/>

### Security

#### ThinkShield

TPM 2.0

Self-healing BIOS

Power On Password

UEFI Secure Boot

Kensington Lock Slot

Padlock Loop

### Sustainability

#### Certifications

ENERGY STAR<sup>®3</sup>

EPEAT<sup>®4</sup> Gold

RoHS Compliant

TCO 9.0

80 Plus Platinum Power Supply

## Recommended Services

#### Lenovo's Premier Support Plus

delivers advanced anywhere, anytime seamless support with AI-powered, proactive and preventative services. Also includes Accidental Damage Protection, extended battery warranty (for eligible devices) and Keep Your Drive. You'll minimize downtime, boost productivity, enhance the experience, and free up in-house IT resources from break/fix maintenance.

#### Warranty Extensions & Upgrades

Lenovo offers a range of warranty upgrades to suit your business needs, such as next business day upgrades. Warranty extensions allow you to control your device budget, protect your investment and potentially lower the cost of ownership over time.

#### Lenovo's Asset Recovery Services

(ARS) enables secure destruction of data, helps reduce e-waste, and offers a fair market value for your end-of-life IT assets. The service also supports equipment from any manufacturer including PCs & tablets, monitors, servers, phones, printers, copiers and networking equipment.

#### Lenovo CO<sub>2</sub> Offset Service

makes offsetting carbon emissions simple and within the control of the customer. We offset the carbon emissions across the average lifecycle associated with each of our devices by providing the option at point of purchase. These offsets help support climate action projects verified by United Nations, Gold Standard<sup>®</sup>, and Climate Action Reserve.

<sup>1</sup> Select Versions Available Via Preload

<sup>2</sup> Red Hat Enterprise Linux Select Versions Certified

<sup>3</sup> Certification Available on Select Models

<sup>4</sup> Certification Available on Select Models; EPEAT registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country

<sup>^</sup> For a full list of configuration details please visit: <https://psref.lenovo.com>



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