

Lenovo  
**ThinkStation**

**Lenovo ThinkStation P3 Tower**  
Engineered by Engineers for Engineers

Lenovo



Experience the power of a workstation at the price of a desktop with the Lenovo ThinkStation P3 Tower. Offering Intel vPro® with 13<sup>th</sup> Gen Intel® Core™ processors and up to NVIDIA RTX™ A5500 graphics, the P3 Tower is built for mission-critical tasks that require superior reliability and performance, providing the value you need without compromising on compute power.

**Processor:**

**5.8GHz**  
**24 Cores**

Intel vPro with 13<sup>th</sup> Gen Intel Core i3, i5, i7, i9  
Up to 8 P-cores, 16 E-cores

**Graphics:**

**NVIDIA RTX**  
**A5500**

24GB GDDR6 VRAM

**Memory:**

**128GB**  
**DDR5**

Up to 5600MHz  
ECC or non-ECC<sup>1</sup>

**Storage:**

**8TB M.2**  
**PCIe Gen4**

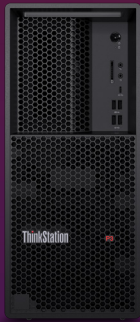
Up to two 4TB NVMe  
Performance SSDs

## Features



### Entry level performance leadership

Full Workstation Performance with up to 125W CPUs and best in class GPUs



### Choice of storage options

Up to 26TB internal storage. Choose M.2 SSDs, 3.5" or 2.5" SATA SSDs to maximize storage potential



### Legendary Reliability

Tested to over 200 quality checks



### ISV Certifications

Certified by leading industry software application vendors for seamless application use

# Lenovo ThinkStation P3 Tower Product Specifications<sup>^</sup>

## Performance

### Processor

Intel vPro<sup>®</sup> with 13<sup>th</sup> Gen Intel<sup>®</sup> Core™ i3, i5, i7, i9 (up to 24 cores, up to 5.8GHz)<sup>^</sup>

### Chipset

Intel W680

### Graphics

Discrete:

Up to NVIDIA RTX A5500 24GB VRAM

Processor Integrated:

Intel UHD Graphics 770

### Total Memory

Up to 128GB DDR5, 5600MHz<sup>1</sup>

### Memory DIMM Capacity

16GB / 32GB ECC

8GB / 16GB / 32GB non-ECC

4 UDIMM Slots

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

M.2 PCIe NVMe SSD up to 4TB

2.5" SATA HDD up to 1TB

3.5" SATA HDD up to 6TB

### Total Storage<sup>3</sup>

Up to 6 total drives

Max M.2 = 2 (8TB)<sup>4</sup>

Max 2.5" = 4 (4TB) or 3.5" = 4 (24TB)

Up to 5 total drives

Max M.2 = 2 (8TB)<sup>4</sup>

Max 2.5" = 3 (3TB) or 3.5" = 3 (18TB)

### RAID

M.2 = 0/1

SATA - 0/1/5/10

### Power Supply

500W, 750W, 1100W 92% Efficient

## Design

### Dimensions (WxDxH)

(mm): 180 x 370 x 415

(inches): 7.1 x 14.6 x 16.3

### Weight

Starting at: 30lbs (13.61kg)

## Connectivity

### Front Ports

(2) USB-A 3.2 Gen 1 (5Gbps)<sup>\*</sup>

(2) USB-A 3.2 Gen 2 (10Gbps)<sup>\*</sup>

(1) USB-C<sup>®</sup> 3.2 Gen 2 (10Gbps)<sup>\*</sup>

(1) Audio Combo Jack

(1) Mic

### Rear Ports

(1) HDMI<sup>®</sup> 2.1 TMDS

(2) DisplayPort<sup>™</sup> 1.4

(4) USB-A 3.2 Gen 1 (5Gbps)<sup>\*</sup>  
(one supports Smart Power On)

(1) RJ-45 Gigabit Ethernet

(1) Line out

### Optional Rear Ports<sup>5</sup>

(1) Serial

(1) Flexible IO Port (DisplayPort/HDMI/  
Type-C/VGA)

(2) PS/2

### Optional WLAN

Intel Wi-Fi<sup>®</sup> 6E AX211, 802.11ax 2x2 Wi-Fi  
+ Bluetooth 5.3, Intel vPro<sup>®6, 7</sup>

### Expansion Slots

(1) PCIe 4.0 x 16

(1) PCIe 4.0 x 4

(2) PCIe 3.0 x1

1 Memory spec frequency listed; system support frequency may vary by configuration

2 Any combination of storage to equal maximum storage drives

3 Total storage dependent on PSU selected

4 Optional M.2 Add In Card (up to 1 x 4TB) adds additional storage

5 Optional, additional hardware may be required

6 6GHz WiFi 6E operation is dependent on the support of the operating system, routers/APs/gateways that support WiFi

6E, along with the regional regulatory certifications and spectrum allocation

7 Bluetooth 5.3 is hardware ready but may run at a lower version due to OS limitation

<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.



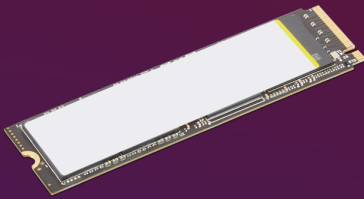
Smarter  
technology  
for all

Lenovo

## Lenovo Options & Accessories



ThinkVision P32p-20



2TB M.2 SSD<sup>6</sup>  
PN: 4XB1K68130



NVIDIA RTX™ A2000  
12GB Graphics Card<sup>7</sup>  
PN: 4X61J52232

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)

Visit us on social media:  
[#lenovoworkstations](https://twitter.com/lenovoworkstations)



May 2023 ©Lenovo. All rights reserved. Lenovo is not responsible for photographic or typographic errors. Lenovo makes no representation or warranty regarding third-party products or services. LENOVO, ThinkStation, and ThinkPad are trademarks of Lenovo.

## Lenovo ThinkStation P3 Tower General Specifications<sup>^</sup>

### Software

#### Operating System

Windows 11 Pro  
Windows 11 Home  
Windows 10 Pro (preinstalled through downgrade rights in Windows 11 Pro)  
Ubuntu® Linux<sup>®1</sup>  
Red Hat® Enterprise Linux® (certified)

#### Windows Preloads

Lenovo Commercial Vantage

#### ISV Certifications<sup>2</sup>

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

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

### Sustainability

#### System

95% PCC recycled plastic front bezel

#### Packaging

Carton: 90% Recycled and/or FSC certified content<sup>3</sup>

Cushion: 90% Recycled EPE

#### Certifications

ENERGY STAR®<sup>4</sup>  
EPEAT®<sup>5</sup> Gold  
RoHS Compliant  
TCO 9.0

## Recommended Services

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkStation investment—so you can focus on your business, not your IT.

#### Premier Support

Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems.

#### Warranty Extensions (1 to 5 years total duration)

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and potentially lower the cost of ownership over time.

**Warranty Upgrades—  
Onsite and Next Business Day**  
Maximizes PC uptime and productivity by providing convenient, fast repair service the next business day.

1 Select versions available via preload

2 Available on select models

3 Packaging composed of recycled, and/or biobased, and/or sustainably forested content.

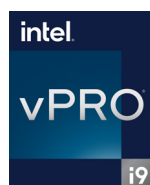
4 Certification available on select models

5 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

6 SSD Kit 4XFIC39743 + 4XH0L08578 needed to install M.2 SSD

7 Cable kit 4XFIM24241 needed to install A2000 GPU

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



NVIDIA is a trademark and/or registered trademark of NVIDIA Corporation in the U.S. and other countries. Intel, Intel vPro, Core and Iris are trademarks of Intel Corporation or its subsidiaries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. Ubuntu is a registered trademark of Canonical Ltd. Microsoft and Windows are registered trademarks of Microsoft Corporation. Other company, product, and service names may be trademarks or service marks of others.



Lenovo