

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 13th 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 13th 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-ECC¹

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 28TB internal storage. Choose M.2 SSDs, 3.5" or 2.5" SATA HDDs 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[^]

Performance

Processor

Intel vPro[®] with 13th Gen Intel[®] Core[™] i3, i5, i7, i9 (up to 24 cores, up to 5.8GHz)[^]

Chipset

Intel W680

Graphics

Discrete:

Up to NVIDIA RTX A5500 24GB VRAM

Processor Integrated:

Intel UHD Graphics 770

Total Memory

Up to 128GB DDR5, 5600MHz¹

Memory DIMM Capacity

16GB / 32GB ECC

8GB / 16GB / 32GB non-ECC

4 UDIMM Slots

Storage Type Capacity²

M.2 PCIe NVMe SSD up to 4TB

2.5" SATA HDD up to 1TB

3.5" SATA HDD up to 6TB

Total Storage³

Up to 6 total drives

Max M.2 = 3 (10TB)⁴

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

Up to 5 total drives

Max M.2 = 1 (2TB)⁴

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

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)^{*}

(2) USB-A 3.2 Gen 2 (10Gbps)^{*}

(1) USB-C[®] 3.2 Gen 2 (10Gbps)^{*}

(1) Audio Combo Jack

(1) Mic

Rear Ports

(1) HDMI[®] 2.1 TMDS

(2) DisplayPort[™] 1.4

(4) USB-A 3.2 Gen 1 (5Gbps)^{*}
(one supports Smart Power On)

(1) RJ-45 Gigabit Ethernet

(1) Line out

Optional Rear Ports⁵

(1) Serial

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

(2) PS/2

Optional WLAN

Intel Wi-Fi[®] 6E AX211, 802.11ax 2x2 Wi-Fi
+ Bluetooth 5.3, Intel vPro[®] 6, 7

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 2TB) 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

[^] 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.



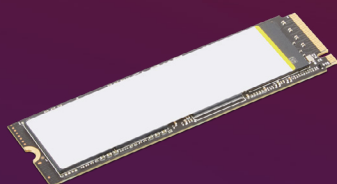
Smarter
technology
for all

Lenovo

Lenovo Options & Accessories



ThinkVision P32p-20



2TB M.2 SSD



NVIDIA RTX™ A2000
12GB Graphics Card



Scan for system overview, supported components, and technical specifications.

For a full list of accessories and options, please visit:
accsmartfind.lenovo.com

For more details on ThinkStation and ThinkPad, please visit:
lenovo.com/workstations

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Lenovo ThinkStation P3 Tower General Specifications[^]

Software

Operating System

Windows 11 Pro
Windows 11 Home
Windows 10 Pro (preinstalled through downgrade rights in Windows 11 Pro)
Ubuntu® Linux^{®1}
Red Hat® Enterprise Linux® (certified)

Windows Preloads

Lenovo Commercial Vantage

ISV Certifications²

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 content³

Cushion: 90% Recycled EPE

Certifications

ENERGY STAR^{®4}
EPEAT^{®5} 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 for registration status by country

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



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