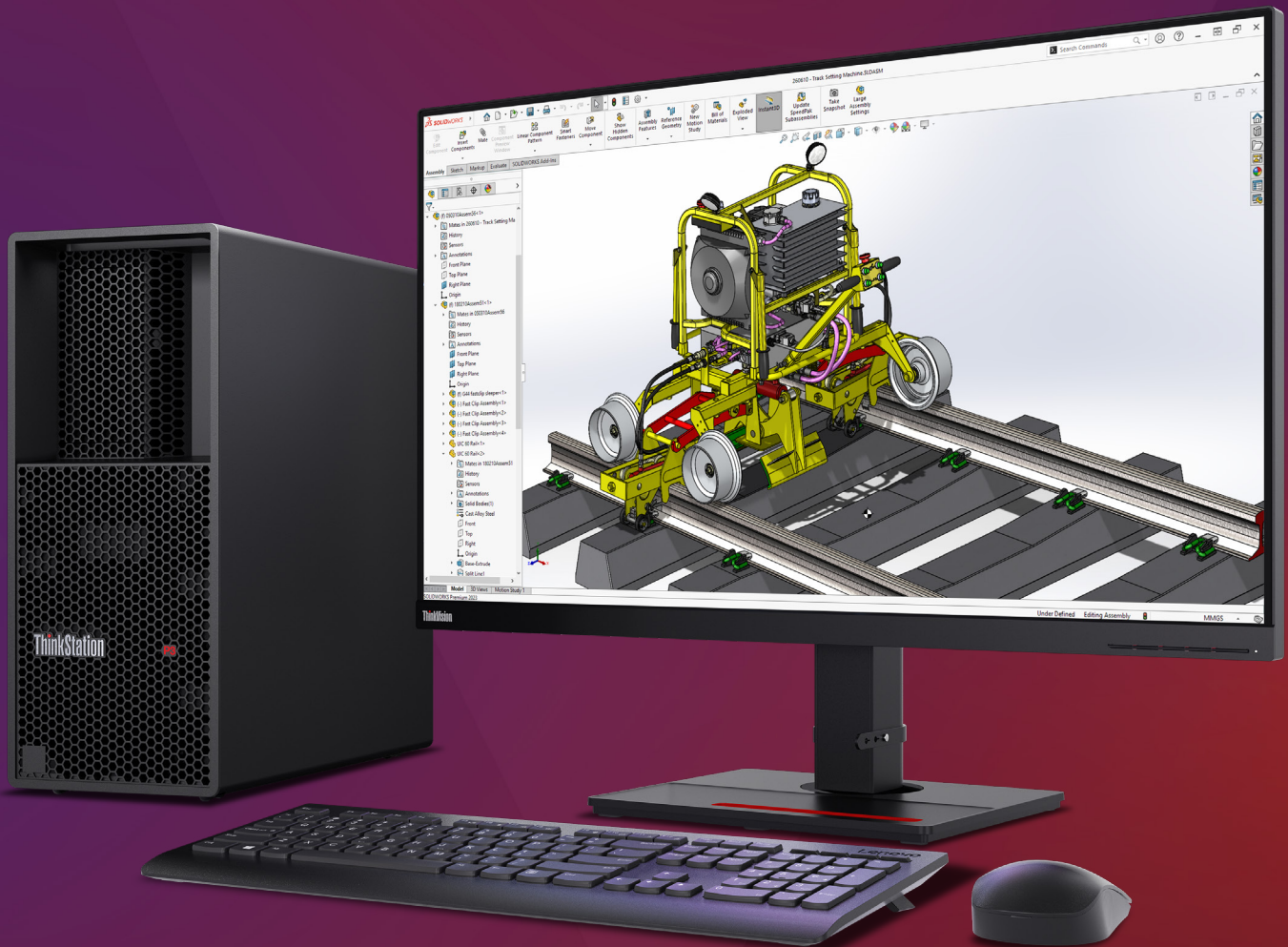# Lenovo ThinkStation

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. Supporting Intel® Core™ i9 processors and up to NVIDIA RTX™ 5000 Ada 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:
6.0GHz 24 Cores
Intel vPro® Platform featuring Intel® Core™ processors

Graphics:
NVIDIA RTX™ 5000 Ada
32GB GDDR6 Memory

Memory:
128GB DDR5
Up to 5600MHz ECC or non-ECC[1]
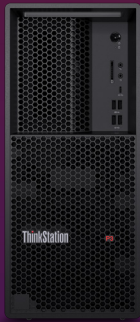
Storage:
8TB M.2 PCIe® Gen4
Up to two 4TB NVMe Performance SSDs

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® Platform featuring Intel® Core™ i3, i5, i7, i9 processors (14th Gen) (up to 24 cores, up to 6.0GHz)^

Intel vPro® Platform featuring Intel® Core™ i3, i5, i7, i9 processors (13th Gen) (up to 24 cores, up to 5.8GHz)^

Chipset

Intel® W680

Graphics

Discrete:

Up to NVIDIA RTX™ 5000 Ada 32GB GDDR6 Memory

Processor Integrated:

Intel® UHD Graphics 770[1]

Intel® UHD Graphics 730[1]

Total Memory

Up to 128GB DDR5, 5600MHz[2]

Memory DIMM Capacity

16GB / 32GB ECC

8GB / 16GB / 32GB non-ECC

4 UDIMM Slots

Storage Type Capacity[3]

M.2 PCIe® NVMe SSD up to 4TB

2.5″ SATA HDD up to 1TB

3.5″ SATA HDD up to 6TB

Total Storage[4]

Up to 6 total drives
Max M.2 = 3 (10TB)[5]
Max 2.5″ = 3 (3TB) or 3.5″ = 3 (18TB)

Up to 5 total drives
Max M.2 = 1 (2TB)[5]
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

Connectivity

Front Ports

(2) USB-A (USB 5Gbps)*

(2) USB-A (USB 10Gbps)*

(1) USB-C® (USB 10Gbps)*

(1) Audio Combo Jack

(1) Mic

Rear Ports

(1) HDMI® 2.1 TMDS

(2) DisplayPort™ 1.4

(4) USB-A (USB 5Gbps)* (one supports Smart Power On)

(1) RJ-45 Gigabit Ethernet

(1) Line out

Optional Rear Ports[6]

(2) USB-A (USB 5Gbps)*

(1) USB-C® (USB 20Gbps)*

(1) Thunderbolt™ 4

(2) PS/2

(1) Serial

(1) 4x Serial

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

Optional WLAN

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3, Intel vPro®[7, 8]

Expansion Slots

(1) PCIe® 4.0 x16

(1) PCIe® 4.0 x4

(2) PCIe® 3.0 x1

Design

Dimensions (WxDxH)

(mm): 180 x 370 x 415
(inches): 7.1 x 14.6 x 16.3

Weight

Starting at: 19.07lbs (8.65kg)

---

1 Processor Integrated graphics dependent upon processor selected

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

3 Any combination of storage to equal maximum storage drives

4 Total storage dependent on PSU selected

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

6 Optional, additional hardware may be required; most require PCIe® adapters and a PCIe® slot

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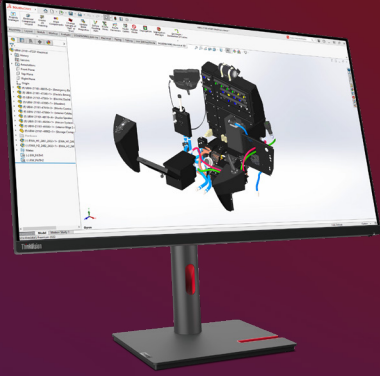
8 Bluetooth® 5.3 is hardware ready but may run at a lower version due to OS limitation

^ For a full list of configuration details, specifications, and any limitations please visit: **https://psref.lenovo.com**
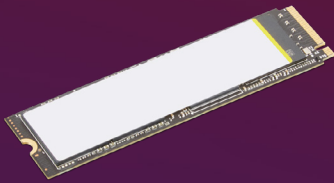
* USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.

intel. vPRO i9

NVIDIA.

Lenovo Options & Accessories

ThinkVision P32p-30

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

Visit us on social media:
#lenovoworkstations

Lenovo ThinkStation P3 Tower
General Specifications^

Software

Operating System

Windows 11 Pro

Windows 11 Home

Ubuntu® Linux®[1]

Red Hat® Enterprise Linux®[2]

Windows Preloads

Lenovo Commercial Vantage

ISV Certifications[3]

Including Altair®, ANSYS®, ArcGIS®, AutoCAD®, AVID®, Barco®, Bentley®, Dassault®, McKesson®, Nemetschek®, PTC®, Siemens®, Schlumberger®

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[4]

Cushion: 90% Recycled EPE

Certifications

ENERGY STAR®[5]

EPEAT®[6] 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 Ubuntu® versions available via preload

2 Red Hat® Enterprise Linux® select versions certified
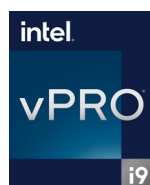
3 Available on select models

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

5 Certification available on select models

6 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

intel vPRO i9

NVIDIA.

Lenovo