

ThinkStation P3 Tower Gen 2

Crafted for peak performance, this powerhouse workstation features up to one 125W Intel® Core™ Ultra (Series 2) processor and supports up to one NVIDIA® RTX 5000 Ada Generation graphics card, delivering exceptional speed for everything from real-time 3D rendering to AI model training. With up to 256GB DDR5 memory, it empowers designers to manipulate intricate CAD assemblies, while enabling data scientists to run large datasets without lags. Whether simulating engineering scenarios or editing ultra-high-resolution video, every task flows effortlessly thanks to its advanced compute muscle.



Elevate Professional Endeavors with Powerhouse Workstations

Discover the unparalleled power of ThinkStation P3 workstations, equipped with cutting-edge processors and graphics tailored for mission-critical tasks. Designed to deliver high reliability and performance, these workstations ensure robust computing power for most demanding projects.

Reliable connectivity keeps teams in sync, thanks to Gigabit Ethernet and Intel® Wi-Fi® 7 for fast, stable network performance. Professionals can streamline multitasking with support for multiple displays and enjoy versatile connectivity through a wide range of ports, including USB-C®, USB-A, DisplayPort™, and HDMI.

Offering up to seven drives in both HDD and SSD formats, the system ensures flexible, high-capacity storage options for diverse workloads. Discrete TPM 2.0 with TCG certification reinforces hardware-level security, safeguarding sensitive data in regulated industries.

With its powerful capabilities, the 27L tower form factor is designed for optimal space efficiency, fitting seamlessly into professional workspaces while allowing ample room for airflow, future upgrades, and high-performance component integration.

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



Accessories

Lenovo Wired ANC Headset Gen 2

- Active Noise Cancellation
- Certified for Zoom and Microsoft Teams
- Inline Control Box with LED Indication



PN: Teams : 4XD1M45627, UC : 4XD1M39029

ThinkPad Essential Wireless Mouse

- Full-size wireless mouse suitable for both left-handed and right-handed users
- Plug-and-forget 2.4 GHz wireless USB connection
- Optical sensor and 12000 DPI resolution for smooth tracking experience



PN: 4X30M56887

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Performance

Processor

Up to one 125W Intel Core Ultra (Series 2) processor

Operating System*

Windows 11 Pro
 Windows 11 Home
 Windows 11 Home Single Language
 Windows 11 IoT Enterprise LTSC 2024
 Ubuntu Linux LTS
 Red Hat Enterprise Linux (certified only)

Graphics

Supports up to one NVIDIA RTX PRO 5000 Blackwell; or up to two NVIDIA RTX PRO 2000 Blackwell

Chipset

Intel W880 chipset

Memory¹

Up to 256GB, four DDR5 DIMM slots

¹The max memory is based on the test results with current Lenovo memory offerings.

Storage²

Up to 7 drives (3x SATA HDD / SSD + 4x M.2 SSD); or 6 drives (4x SATA HDD / SSD + 2x M.2 SSD)

- SATA HDD up to 4, up to 12TB each
- SATA SSD up to 4, up to 7.68TB each
- Gen 5 M.2 SSD up to 1, up to 2 TB
- Gen 4 M.2 SSD up to 4, up to 4 TB each

²The storage capacity supported is based on the test results with current Lenovo storage offerings.

Power Supply*

500W 92% PSU, 80 PLUS Platinum qualified
 750W 92% PSU, 80 PLUS Platinum qualified
 1100W 92% PSU, 80 PLUS Platinum qualified

Design

Dimensions³

180 x 370 x 415 mm (7.09 x 14.57 x 16.34 inches)

³The system dimensions may vary depending on configurations.

Weight⁴

14.38 kg (31.70 lbs, maximum configuration)

⁴The system weight is approximate and may vary depending on configurations

Bays

Up to four disk bays:

- Bay 1 supports one 3.5" / 2.5" drive, standard
- Bay 2 supports one 3.5" / 2.5" drive, optional
- Bay 3 supports one 3.5" / 2.5" drive, optional
- Bay 4 supports one 3.5" / 2.5" drive, optional
- Front Access HDD Bay supports one 3.5" / 2.5" drive, optional, occupies Bay 3 location

Expansion Slots

One PCIe 5.0 x16
 One PCIe 4.0 x16 (x4 lanes)
 Two PCIe 3.0 x1
 Three onboard M.2 slots (for SSD)
 One single M.2 to PCIe adapter (for SSD)*
 One M.2 slot (for WLAN)

Connectivity

Ethernet*

One onboard Gigabit Ethernet
 Additional Ethernet options via PCIe adapter

WLAN + Bluetooth*

Intel Wi-Fi 7 BE200, 802.11be 2x2 Wi-Fi + Bluetooth 5.4

Front ports

1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
 1x headphone / microphone combo jack (3.5mm)
 1x microphone (3.5mm)
 1x SD card reader*

Rear ports

2x USB-A (Hi-Speed USB / USB 2.0)
 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
 1x HDMI 2.1 TMDS
 2x DisplayPort 1.4
 1x Ethernet (RJ-45)
 1x line-out (3.5mm)
 1x USB-C (USB 5Gbps / USB 3.2 Gen 1), with DP function (Flex IO)*
 1x HDMI 2.1 TMDS (Flex IO)*
 1x DP 1.2 (Flex IO)*
 1x VGA (Flex IO)*
 1x parallel (via cable and PCIe bracket)*
 1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2)*
 2x USB-C (USB4 40Gbps)*
 2x USB-A (Hi-Speed USB / USB 2.0)*
 1x serial (via cable)*
 4x serial (via 4-port serial expansion card, PCIe x1)*
 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)*

Security & Privacy

Security

Discrete TPM 2.0
 Cable lock*
 E-lock*
 Kensington Security Slot, 3 x 7 mm
 Padlock Loop
 Chassis intrusion switch*

Manageability

System Management*⁵

Intel vPro Enterprise with Intel AMT 16.0*

⁵Intel vPro offers a superset of DASH's defined capabilities.

Certifications

Green Certifications^{6 7}

ENERGY STAR 9.0
 EPEAT Gold Registered
 ErP Lot 3
 RoHS compliant
 TCO Certified, generation 10

⁶The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

⁷EPEAT is registered where applicable, please see [epeat.net](https://www.epeat.net) for registration status by country.

Other Certifications

MIL-STD-810H military test passed