

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.

Updated 2026-01-21

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 6000 Blackwell Workstation Edition; or up to two NVIDIA RTX 2000 Ada Generation

Chipset
Intel W880 chipset

Memory
Up to 256GB, four DDR5 DIMM slots

Storage
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 4TB
- Gen 4 M.2 SSD up to 4, up to 4TB each

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

Design

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

Weight
14.38 kg (31.70 lbs, maximum configuration)

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*
Intel vPro Enterprise with Intel AMT 16.0*

Certifications

Green Certifications
ENERGY STAR 9.0*
EPEAT 1.0 Gold Registered*
EPEAT 2.0 Gold Registered*
EPEAT 2.0 Silver Registered*
ErP Lot 3
RoHS compliant
TCO Certified, generation 10

Other Certifications
MIL-STD-810H military test passed

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2026 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.