ThinkStation P4

The ThinkStation, equipped with one AMD Ryzen™ 5 / 7 / 9 PRO 9000 Series processor, delivers formidable computational power that caters seamlessly to the needs of business professionals. This advanced processor architecture ensures high efficiency in multitasking, rapid application response times, and outstanding performance under heavy workloads. Furthermore, the ability to support up to 12 independent displays via 2x DisplayPort, 1x HDMI®, 1x Flex IO port, 2x optional discrete graphics enhances productivity by providing greater screen real estate, reducing window-switching fatigue, and facilitating simultaneous monitoring of multiple data streams or applications.

Elevate Professional Endeavors with Powerhouse Workstations

ThinkStation P4 series desktops, equipped with powerful processors, ample memory, and high-end graphics cards, cater to professionals' demanding tasks such as CAD design, 3D rendering, video editing, and data analysis with precision and efficiency.

Engineered for business professionals demanding top-tier performance, this ThinkStation supports up to 256GB DDR5-6400 CUDIMM memory, ensuring exceptional speed and responsiveness for intensive multitasking, data analysis, and content creation. It features an optional 9.0mm optical drive with DVD-ROM or DVD±RW capabilities, providing flexible media access and archival options.

Discrete NVIDIA® RTX PRO 6000 Blackwell Workstation Edition or up to two NVIDIA® RTX A100 GPUs deliver reliable everyday performance and unlock powerful capabilities for 3D rendering, AI-driven applications, and advanced visualization tasks.

Engineered for professionals who demand uncompromising performance, this workstation features an advanced thermal design that keeps systems running smoothly even under the most intensive workloads. With support for liquid cooling on higher-power CPU configurations up to 170W, it ensures sustained speed, stability, and efficiency, so you can push your creativity and productivity further without limits.

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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 Wireless Multi-Mode Pro Combo Keyboard and Mouse 6000

- Reliable performance, long-lasting durability
- Seamless multi-device wireless connectivity
- Ergonomic design, eco-friendly build

PN: 4X31S04810 – 4X31S04859

ThinkVision P27Q-40 Monitor

- Adaptive refresh rate for smooth, power-efficient visuals
- Seamless dual-display setup for enhanced productivity
- Smart fleet management with centralized control tools

ThinkStation P4

Performance

Processor
Up to one AMD Ryzen 5 / 7 / 9 PRO 9000 Series processor, supports up to 16 cores; up to 5.5GHz; up to 170W TDP

Operating System*
Windows 11 Pro or Home
Ubuntu Linux LTS
Red Hat Enterprise Linux 10.2 (certified only)

Graphics
Supports up to one NVIDIA RTX PRO 6000 Blackwell Workstation Edition

Chipset
AMD PRO 675 chipset

Memory
Up to 256GB, four DDR5 DIMM slots

Storage
Up to six storage drives total:
• Up to 3x 3.5" HDD, up to 12TB each
• Up to 3x M.2 SSD in total, including:
– Up to 3x M.2 Gen 5 Performance SSD, up to 4TB each
– Up to 3x M.2 Gen 4 SSD, up to 1TB 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 401.5 x 415 mm (7.09 x 15.81 x 16.34 inches)

Weight
Starting at 8.75 kg (19.29 lbs)

Bays
Three internal disk bays:
• Bay 1: Supports one 3.5" HDD (standard)
• Bay 2: Supports one 3.5" HDD (standard)
• Bay 3: Supports one of the following options (mutually exclusive):
– One 3.5" HDD
– One Front Access HDD Bay
– One slim ODD bay

Expansion Slots
• Up to 3x M.2 slots for M.2 SSD:
– 2 onboard M.2 PCIe 5.0 slots
– 1 onboard M.2 PCIe 4.0 slot
• One M.2 slot (for WLAN)

Connectivity

Ethernet*
One onboard 2.5Gb Ethernet
Additional Ethernet options via PCIe adapter

WLAN + Bluetooth*
MediaTek Wi-Fi 7 MT7925, 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
4x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On
1x HDMI 2.1, up to 4K/100Hz or 8K/30Hz
1x DisplayPort 1.4, up to 4K/120Hz or 8K/30Hz
1x DisplayPort 2.0, up to 4K/144Hz or 8K/60Hz
1x Ethernet (2.5GbE RJ-45)
1x line-out (3.5mm)
1x USB-C (USB 5Gbps / USB 3.2 Gen 1), with DisplayPort 4K/60Hz (Flex IO)*
1x HDMI 2.1, up to 4K/60Hz (Flex IO)*
1x HDMI 2.1, up to 8K/60Hz (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), support data transfer, via PCIe x4 card
2x USB-A (Hi-Speed USB / USB 2.0), via cable and PCIe bracket*
2x USB-A (USB 5Gbps / USB 3.2 Gen 1), via additional PCIe x1 adapter*
1x serial (via cable)*
4x serial (via 4-port serial expansion card, PCIe x1)*

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*
AMD PRO Manageability

Certifications

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

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.