

ThinkStation P5 Gen 2

The new ThinkStation, equipped with up to a 300W Intel® Xeon® 600 Series processor supporting up to 48 cores, 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, support of up to two NVIDIA® RTX PRO 6000 Blackwell Max-Q Workstation Edition (300W) delivers reliable everyday performance and unlocks powerful capabilities for 3D rendering, AI-driven applications, and advanced visualization tasks.



Elevate Professional Endeavors with Powerhouse Workstations

Designed for ultimate versatility, the ThinkStation P5 is the all-around industry workstation for demanding professionals. With scalable, future-proof solutions tailored to mission-critical environments, it features the latest processors and cutting-edge graphics cards, delivering unparalleled performance.

Built for business productivity and easy maintenance, the workstation features a convenient front diagnostic panel with a QR code that lets users instantly access support resources and diagnostics by simply scanning it with a smartphone. Additionally, an optional 15-in-1 card reader enables seamless data transfer from multiple memory card formats.

Engineered for business professionals who demand top-tier performance, this ThinkStation supports up to 1TB DDR5-6400 RDIMM ECC memory, ensuring exceptional speed and responsiveness for intensive multitasking, data analysis, and content creation.

The new-gen ThinkCentre combines powerful performance with responsible design. It supports optional ENERGY STAR® 9.0 certification and EPEAT™ Gold, helping organizations reduce energy consumption and meet sustainability goals without compromising productivity. With RoHS compliance, the system is designed using materials that limit hazardous substances, supporting safer manufacturing and environmental practices.

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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 Go Wireless Split Keyboard



- Human-inspired true ergonomic split keyboard with tactile and responsive, scissor switch keys
- 13-degrees splay for straight typing, comfortable neck and shoulders
- 11-degrees vertical tenting for more natural typing posture

PN: 4Y41C33748~4Y41C33789

Lenovo Go Wireless Vertical Mouse



- 6-button mouse including 2 programmable side buttons and an IR sensor
- True Ergonomic vertical design with a 45-degree vertical grip made from treated cork material
- 800, 1600, 2400 adjustable DPI and 2.4 GHz wireless dongle connection

PN: 4Y51C33792

ThinkStation P5 Gen 2

Performance

Processor
Up to one Intel Xeon 600 Series processor

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

Graphics
Supports up to two NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition (300W)

Chipset
Intel W890 chipset

Memory
Up to 1TB, 8 DDR5 DIMM slots

Storage
Up to 8 drives (HDD maximum, 4x 3.5" HDD + 4x M.2 SSD);
or 11 drives (M.2 SSD maximum, 3x 3.5" HDD + 8x M.2 SSD)
- 3.5" HDD up to 12TB each
- M.2 SSD up to 4TB each
- RAID 0/1/10/5 supported for 3.5" HDD / M.2 SSD

Power Supply*
750W 92% PSU, 80 PLUS Platinum qualified
1000W 92% PSU, 80 PLUS Platinum qualified

Design

Dimensions
165 x 453.9 x 440 mm (6.5 x 17.9 x 17.3 inches, with feet)

Weight
19 kg (41.9 lbs, maximum configuration)

Bays
Up to four internal disk bays:
- Bay 1 supports one 3.5" HDD, standard
- Bay 2 supports one 3.5" HDD, standard
- Bay 3 supports one 3.5" HDD, optional
- Bay 4 supports one 3.5" HDD optional

Expansion Slots
Supports 6 PCIe slots with 3x PCIe 5.0 slots and 3x PCIe 4.0 slots.
- Slot 1: PCIe 5.0 x16, full height, full length, 75W, double-width
- Slot 2: PCIe 4.0 x4, full height, full length, 25W
- Slot 3: PCIe 5.0 x16, full height, full length, 75W, double-width
- Slot 4: PCIe 4.0 x4, full height, full length, 25W
- Slot 5: PCIe 5.0 x8, full height, full length, 25W
- Slot 6: PCIe 4.0 x4, full height, full length, 25W

Connectivity

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

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

Front ports
2x USB 3.2 Gen 2*
2x USB-C 3.2 Gen 2*
1x headphone / microphone combo jack (3.5mm)

Rear ports
1x USB-C (USB 10Gbps / USB 3.2 Gen 2)
1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2)
2x USB-A (Hi-Speed USB / USB 2.0)
2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
1x Ethernet (2.5GbE RJ-45)
1x line-in (3.5mm)
1x line-out (3.5mm)
1x serial (via cable)*
4x serial (via 4-port serial expansion card, PCIe x1)*
2x PS/2 (via PCIe adapter, PCIe x1)*

Security & Privacy

Security
Discrete TPM 2.0
Access Panel Lock Kit with Common Key*
Access Panel Lock Kit with Unique Key*
Chassis intrusion switch
Kensington Security Slot, 3 x 7 mm

Manageability

System Management*
IPMI 2.0-compliant baseboard management controller (BMC)*
Intel vPro Enterprise with Intel AMT 16*

Certifications

Green Certifications
ENERGY STAR 9.0*
EPEAT 1.0 Gold Registered*
EPEAT 2.0 Gold Registered*
EPEAT 2.0 Silver Registered*
RoHS compliant

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