ThinkStation P5 30GA0029SG



- Intel Xeon w3-2423, 6C (6P + 0E) / 12T, 2.1 / 4.2GHz, 15MB
- 1x 32GB RDIMM DDR5-4800 ECC
- 1x 512GB SSD M.2 2280 PCIe 4.0x4 Performance NVMe Opal
- 1x NVIDIA RTX A2000 12GB
- Windows 11 Pro for Workstations, English
- 3Y Premier Support Upgrade from 1Y Onsite

The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

Premier Support - A direct 24x7x365 line to our most elite technicians.

- Advanced technical support, 24x7x365, in more than 100 markets
- Comprehensive hardware & OEM software support
- Single point of contact for simplified end-to-end case management
- Technical Account Managers for proactive relationship and escalation management
- Priority on service delivery and repair parts
- Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

Recommended Accessories

United Kingdom



Lenovo Wired VoIP Headset (Teams)

4XD1M45626



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Intel E810-DA2 10/25GbE SFP28 2-Port PCIe Ethernet Adapter

4XC1U87489



NVIDIA RTX PRO 4500 Blackwell 32GB DP*4 GDDR7 Graphics Card

4X61T95637



Lenovo PS8S Portable SSD 4TB

4XB1T91892



Lenovo 310 FHD Webcam Black

GXC1S15024

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PERFORMANCE

Processor
Intel Xeon® w3-2423, 6C (6P + 0E) / 12T, 2.1 / 4.2GHz, 15MB

AI PC Category[1]
AI-Ready Workstations

Processor Sockets
1x FCLGA4677

Discrete Graphics
1x NVIDIA® RTX A2000 12GB

Chipset
Intel® W790 Chipset

Memory[2]
1x 32GB RDIMM DDR5-4800 ECC

Memory Slots
8 DDR5 DIMM slots, 4 channels capable

Max Memory[3]
Up to 512GB (8x 64GB RDIMM)

PCIe NVMe Controller
Integrated NVMe® Controller, non-RAID

PCIe NVMe Drive
1x 512GB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal

SATA Controller
Onboard Intel® RSTe SATA

SATA/SAS Drive
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC897-Q codec

Power Supply
750W Platinum Fixed

DESIGN

Keyboard
USB Calliope Keyboard, Black, English

Mouse
USB Calliope Mouse, Black

Dimensions (WxDxH)[4]
165 x 453.9 x 440 mm (6.5 x 17.9 x 17.3 inches, with feet)

Weight[5]
19 kg (41.9 lbs, maximum configuration)

CONNECTIVITY

Onboard Ethernet
Intel® I219-LM, 1x GbE RJ-45

Optional Ethernet
None

WLAN + Bluetooth
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®

Card Reader
No Card Reader

Front Ports
1x headphone / microphone combo jack (3.5mm)

Optional Front Ports (configured)
None

Rear Ports
- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x Ethernet (GbE RJ-45)
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)

Optional Rear Ports (configured)
None

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Physical Locks
Kensington Security Slot™, 3 x 7 mm

Cover Lock
None

Chassis Intrusion Switch
Chassis Intrusion Switch

MANAGEABILITY

System Management[6]
Intel® vPro® Enterprise with Intel® AMT 16

Diagnostic
Front Diagnostic Panel with QR code

SERVICE

Base Warranty
1-year, Onsite

Included Upgrade
3Y Premier Support Upgrade from 1Y Onsite

CERTIFICATIONS

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

SOFTWARE

Operating System
Windows® 11 Pro for Workstations, English

Bundled Software
None

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 197529693421
Announce Date	: 2023-04-26	**End of Support**	: 2031-10-30



Product image is a sample, it may not match the real color of this model

Note:
[1] With scalable configurations of higher-performance CPUs and professional NVIDIA RTX GPUs, in addition to advantage of the same modern AI PC technology, AI-Ready workstation power the demanding AI consumption & development workflows.
[2] System comes with DDR5-4800 memory and some configurations will run at 4400 MT/s due to the memory support capability of processor.
[3] The max memory is based on the test results with current Lenovo memory offerings.
[4] The system dimensions may vary depending on configurations.
[5] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.
[6] Intel vPro offers a superset of DASH's defined capabilities.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.