

Lenovo ThinkStation P5 30GA(30GA000NMB)

Lenovo ThinkStation P5 30GA - Tower 1 x Xeon W W3-2425 / up to 4.4 GHz - vPro Enterprise - RAM 32 GB - SSD 1 TB - TCG Opal Encryption, NVMe, Performance - Gigabit Ethernet - Win 11 Pro for Workstations - monitor: none - keyboard: Belgium - Lenovo TopSeller - with 3 Years Lenovo Premier Support



The Lenovo ThinkStation P5 is a workstation tailored for professionals seeking reliability and performance. With an Intel Xeon W processor featuring six cores and a base clock speed of 3 GHz, users can expect efficient handling of demanding applications. The workstation is equipped with 15 MB of cache memory, ensuring quick data access and smooth multitasking. The system supports DDR5 SDRAM technology, allowing for optimal memory performance with a rated speed of 4800 MHz.

Designed in a tower form factor, the Lenovo ThinkStation P5 promotes easy upgrades with multiple expansion slots and bays. Its energy-efficient design is recognized with ENERGY STAR Version 8.0 and EPEAT Gold certifications, making it a responsible choice for eco-conscious users. The workstation also features extensive connectivity options including USB-C 3.2 Gen 2x2, Gigabit Ethernet, and PCIe 4.0 slots that provide versatility for various peripherals and networking needs.

Key Selling Points

- Intel Xeon W processor with up to 4.4 GHz turbo speed
- 15 MB cache memory for efficient multitasking
- Supports high-speed DDR5 memory for performance
- Eco-friendly design with ENERGY STAR and EPEAT Gold certifications
- Connectivity options including USB-C and PCIe expansion slots

Product Features

Efficient processing power

The Intel Xeon W processor operates at a clock speed of 3 GHz and can reach up to 4.4 GHz with Turbo Boost, providing performance for intensive workloads.

High capacity memory support

Equipped with eight DIMM slots, the system supports DDR5 SDRAM with a rated speed of 4800 MHz, allowing for high-performance memory configurations.

Robust environmental compliance

The workstation meets environmental standards with EPEAT Gold and ENERGY STAR certifications, highlighting its commitment to energy efficiency.

Versatile expansion capabilities

The Lenovo ThinkStation P5 features multiple PCIe slots and expansion bays, offering flexibility for future upgrades and enhancements.

Secure and reliable design

The chassis includes security features like a chassis intrusion switch and a Kensington security slot, ensuring the protection of sensitive data and hardware.

Main Specifications

Product Description	Lenovo ThinkStation P5 - tower Xeon W W3-2425 3 GHz - vPro Enterprise - 32 GB - SSD 1 TB - Belgium
Type	Workstation - tower
Bundled Services	3 Years Lenovo Premier Support
Platform Technology	Intel vPro Enterprise
Localisation	Language: English, German, French, Dutch / region: Belgium
Processor	1 x Intel Xeon W W3-2425 / 3 GHz (up to 4.4 GHz, (6-core))
Processor Socket	FCLGA4677 Socket
Cache Memory	15 MB
Cache Per Processor	15 MB
RAM	32 GB (installed) / 512 GB (max) - DDR5 SDRAM - ECC

Storage Controller	RAID (SATA 6Gb/s); NVMe (PCI Express)
Hard Drive	SSD 1 TB - PCI Express 4.0 x4 - M.2 2280 - TCG Opal Encryption, NVM Express (NVMe), Performance
Optical Storage	No optical drive
Card Reader	15 in 1
Networking	1GbE
Keyboard	Belgium
Power	(50/60 Hz)
OS Provided	Windows 11 Pro for Workstations
Dimensions (WxDxH)	16.5 cm x 45.39 cm x 44.6 cm
Weight	19 kg
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	ENERGY STAR Qualified EPEAT Gold
Manufacturer Warranty	Base warranty - 3 years - on-site Extended warranty - 3 years - on-site - response time: next business day

Extended Specification

General

Platform Technology	Intel vPro Enterprise
Type	Workstation
Bundled Services	3 Years Lenovo Premier Support
Product Form Factor	Tower
Built-in Devices	Speaker
Embedded Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip
Localisation	Language: English, German, French, Dutch / region: Belgium

Expansion / Connectivity

Bays	2 (total) / 2 (free) x internal 3.5"
Slots	2 (total) / 2 (free) x PCIe 5.0 x16 1 (total) / 1 (free) x PCIe 4.0 x8 3 (total) / 3 (free) x PCIe 4.0 x4 2 (total) / 1 (free) x M.2 Card
Interfaces	1 x USB-C 3.2 Gen 2x2 (1 rear) 2 x USB 2.0 (2 rear) 3 x USB 3.2 Gen 2 (3 rear) 1 x LAN (Gigabit Ethernet) (1 rear) 1 x audio line-in (1 rear) 1 x audio line-out (1 rear) 1 x headphones/microphone (1 front)

Manufacturer Warranty

Service & Support	Base warranty - 3 years - on-site Extended warranty - 3 years - on-site - response time: next business day
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RAM

Installed Size	32 GB (installed) / 512 GB (max)
Technology	DDR5 SDRAM - ECC
Effective Memory Speed	4400 MHz
Rated Memory Speed	4800 MHz
Form Factor	DIMM 288-pin
Slots	8 (Total) / 6 (empty)
Features	Registered
Configuration Features	2 x 16 GB

Networking

Ethernet Controller	Intel I219-LM
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet

Features	Wake on LAN (WoL), Intel Active Management Technology (AMT) 16
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Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion switch
Security Slot Type	Kensington security slot
Compliant Standards	RoHS, TCG Certified, TCO Certified 9.0
Manufacturer Selling Program	Lenovo TopSeller

Power

Device Type	Power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	1000 Watt
80 PLUS Certification	80 PLUS Platinum
Efficiency	92%

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	20 - 80%

Storage Controller

Type	1 x RAID
Controller Interface Type	SATA 6Gb/s
RAID Level	RAID 0, RAID 1, RAID 5

Cache Memory

Installed Size	15 MB
Cache Per Processor	15 MB

Optical Storage

Type	No optical drive
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Operating System / Software

OS Provided	Windows 11 Pro for Workstations Dutch / English / French / German
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Monitor

Monitor Type	None.
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Audio Output

Compliant Standards	High Definition Audio
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Storage Controller (2nd)

Type	1 x NVMe
Controller Interface Type	PCI Express

Hard Drive

Type	SSD - M.2 2280
Capacity	1 x 1 TB
Interface Type	PCI Express 4.0 x4
Features	TCG Opal Encryption, NVM Express (NVMe), Performance

Input Device

Type	Mouse, keyboard
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Dimensions & Weight

Width	16.5 cm
Depth	45.39 cm
Height	44.6 cm
Weight	19 kg

Keyboard

Keyboard Name	Lenovo Traditional Keyboard
Interface	USB
Localization & Layout	Belgium

Card Reader

Type	15 in 1 card reader
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Mouse

Mouse Name	Lenovo Calliope Mouse
Interface	USB

Processor / Chipset

CPU	Intel Xeon W W3-2425
Clock Speed	3 GHz
Max Turbo Speed	4.4 GHz
Number of Cores	6-core
CPU Qty	1
Max CPU Qty	1
CPU Socket	FCLGA4677 Socket
Chipset Type	Intel W790

Sustainability Information

EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0

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