Lenovo

Lenovo ThinkStation PX Intel® Xeon® Gold 5416S 32 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX A4500 Windows 11 Pro for Workstations Tower Workstation Black, Red

Brand : Lenovo   **Product family:** ThinkStation   **Product code:** 30EV0011US

Product name : PX

- Windows 11 Pro for Workstations 64-bit
- Intel Xeon Gold 5416S (30MB Cache, 2GHz)
- NVIDIA RTX A4500 (20GB GDDR6)
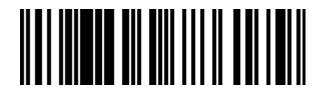- 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 512GB SSD
Intel Xeon Gold 5416S (30MB Cache, 2GHz), 32GB DDR5-SDRAM, 512GB SSD, NVIDIA RTX A4500 (20GB GDDR6), LAN, Windows 11 Pro for Workstations 64-bit
Lenovo ThinkStation PX. Processor frequency: 2 GHz, Processor family: Intel® Xeon® Gold, Processor model: 5416S. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 4800 MHz. Total storage capacity: 512 GB, Storage media: SSD. Discrete graphics card model: NVIDIA RTX A4500. Operating system installed: Windows 11 Pro for Workstations, Operating system architecture: 64-bit. Power supply: 1850 W. Chassis type: Tower. Product type: Workstation. Product colour: Black, Red

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Xeon® Gold
Processor generation	Intel Xeon Scalable 4th Gen
Processor model *	5416S
Processor cores	16
Processor threads	32
Processor boost frequency	4 GHz
Processor frequency *	2 GHz
Processor cache	30 MB
Number of processors installed	1

Memory

Internal memory *	32 GB
Maximum internal memory *	2 TB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 16 GB
Memory slots	16x DIMM
Memory clock speed	4800 MHz
ECC	✔

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✘
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD memory type	TLC
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2

Graphics

Discrete graphics card *	✔
Discrete GPU manufacturer	NVIDIA
On-board graphics card *	✘
Discrete graphics card model *	NVIDIA RTX A4500

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	2
Line-out	✔
Line-in	✔
Combo headphone/mic port	✔

Design

Chassis type *	Tower
Volume	54 L
Placement supported	Horizontal/Vertical
Product colour *	Black, Red

Performance

Motherboard chipset	Intel C741
Audio chip	Realtek ALC897-Q
Built-in speaker(s)	✔
Number of speakers	1
Password protection	✔
Password protection type	BIOS, Power on
Trusted Platform Module (TPM)	✔
Product type *	Workstation

Software

Operating system installed *	Windows 11 Pro for Workstations
Operating system architecture	64-bit
Operating system language	English

Power

Power supply *	1850 W
80 PLUS certification	80 PLUS Platinum

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 60 °C

Graphics

Discrete graphics card memory	20 GB
Discrete graphics memory type	GDDR6
Number of discrete graphics cards	1
On-board graphics card model *	Not available
Graphics card DisplayPorts quantity	4

Network

Ethernet LAN *	✔
Ethernet LAN data rates	1000,10000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4

Operational conditions

Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	10 - 90%
Operating altitude	0 - 3048 m
Non-operating altitude	0 - 12192 m

Certificates

Compliance certificates	RoHS
Certification	ISV Certifications

Sustainability

Sustainability certificates	TCO

Weight & dimensions

Width *	220 mm
Depth *	575 mm
Height *	440.4 mm
Weight *	35.6 kg

Packaging content

Mouse included	✔
Keyboard included	✔

Display

Display included *	✘

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