



## Lenovo ThinkStation P7 Intel Xeon W w5-3423 32 GB DDR5-SDRAM 512 GB SSD NVIDIA Quadro T1000 Windows 11 Pro for Workstations Tower Workstation Black, Red



**Brand :** Lenovo

**Product family:** ThinkStation

**Product code:** 30F30019US

**Product name :** P7

- Windows 11 Pro for Workstations 64-bit  
- Intel Xeon W5-3423 (30MB Cache, 2GHz)  
- NVIDIA Quadro T1000 (8GB GDDR6)  
- 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 512GB SSD  
Intel Xeon W5-3423 (30MB Cache, 2GHz), 32GB DDR5-SDRAM, 512GB SSD, NVIDIA Quadro T1000 (8GB GDDR6), LAN, Windows 11 Pro for Workstations 64-bit  
Lenovo ThinkStation P7. Processor frequency: 2 GHz, Processor family: Intel Xeon W, Processor model: w5-3423. 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 Quadro T1000. Operating system installed: Windows 11 Pro for Workstations, Operating system architecture: 64-bit. Power supply: 1400 W. Chassis type: Tower. Product type: Workstation. Product colour: Black, Red

Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Processor family *	Intel Xeon W	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Processor model *	w5-3423	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor cores	12	Ethernet LAN (RJ-45) ports	2
Processor threads	24	Line-out	✓
Processor frequency *	2 GHz	Line-in	✓
Performance cores	12	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	4.2 GHz	Design	
Performance-core base frequency	2.1 GHz	Chassis type *	Tower
Processor cache	30 MB	Volume	39 L
Processor cache type	L3	Placement supported	Horizontal/Vertical
Memory		Product colour *	Black, Red
Internal memory *	32 GB	Performance	
Maximum internal memory *	1 TB	Motherboard chipset	Intel W790
Internal memory type	DDR5-SDRAM	Audio chip	Realtek ALC897-Q
Memory layout (slots x size)	2 x 16 GB	Built-in speaker(s)	✓
Memory slots	8x DIMM	Number of speakers	1
Memory clock speed	4800 MHz	Password protection	✓
ECC	✓	Password protection type	Power on, Supervisor
Memory channels	Octa-channel	BIOS type	UEFI
Storage		Trusted Platform Module (TPM)	✓
Total storage capacity *	512 GB	Product type *	Workstation
Storage media *	SSD	Software	
Optical drive type *	✗	Operating system architecture	64-bit
Number of storage drives installed	1	Operating system language	English
Total SSDs capacity	512 GB	Operating system installed *	Windows 11 Pro for Workstations
Number of SSDs installed	1	Power	
SSD capacity	512 GB	Power supply *	1400 W
SSD interface	PCI Express 4.0	80 PLUS certification	80 PLUS Platinum
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	10 - 35 °C
Card reader integrated	✓		
Graphics			
Discrete graphics card *	✓		

Graphics		Operational conditions	
Discrete GPU manufacturer	NVIDIA	Storage temperature (T-T)	-40 - 60 °C
On-board graphics card *	✗	Operating relative humidity (H-H)	20 - 80%
Discrete graphics card model *	NVIDIA Quadro T1000	Storage relative humidity (H-H)	10 - 90%
Discrete graphics card memory	8 GB	Operating altitude	0 - 3048 m
Discrete graphics memory type	GDDR6	Non-operating altitude	0 - 12192 m
Number of discrete graphics cards	1	Certificates	
On-board graphics card model *	Not available	Compliance certificates	RoHS
Graphics card Mini DisplayPort ports quantity	4	Certification	ISV
Network		Sustainability	
Ethernet LAN *	✓	Sustainability certificates	ENERGY STAR, EPEAT Gold, TCO
Ethernet LAN data rates	10,1000,100,10000 Mbit/s	Weight & dimensions	
LAN controller	Intel® I219-LM, Marvell AQtion AQC113C	Width *	175 mm
Wi-Fi *	✗	Depth *	508 mm
Bluetooth	✗	Height *	440.4 mm
Ports & interfaces		Weight *	24.5 kg
USB 2.0 ports quantity *	2	Packaging content	
		Mouse included	✓
		Keyboard included	✓
		Display	
		Display included *	✗



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