



## Lenovo ThinkStation P7 Intel Xeon W w7-3455 128 GB DDR5-SDRAM 1 TB SSD NVIDIA Quadro T1000 Windows 11 Pro for Workstations Tower Workstation Black, Red

**Brand :** Lenovo

**Product family:** ThinkStation

**Product code:** 30F30014US

**Product name :** P7

- Windows 11 Pro for Workstations 64-bit
- Intel Xeon w7-3455 (67.5MB Cache, 2.5GHz)
- NVIDIA Quadro T1000 (8GB GDDR6)

- 128GB (4800MHz) DDR5-SDRAM (8 x 16) & 1000GB SSD

Intel Xeon w7-3455 (67.5MB Cache, 2.5GHz), 128GB DDR5-SDRAM, 1000GB SSD, NVIDIA Quadro T1000 (8GB GDDR6), LAN, Windows 11 Pro for Workstations 64-bit

Lenovo ThinkStation P7. Processor frequency: 2.5 GHz, Processor family: Intel Xeon W, Processor model: w7-3455. Internal memory: 128 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 4800 MHz. Total storage capacity: 1 TB, 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 *	w7-3455	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor cores	24	Ethernet LAN (RJ-45) ports	2
Processor threads	48	Line-out	✓
Processor boost frequency	4.8 GHz	Line-in	✓
Processor frequency *	2.5 GHz	Combo headphone/mic port	✓
Performance cores	24	Design	
Processor cache	67.5 MB	Chassis type *	Tower
Processor cache type	Smart Cache	Volume	39 L
Processor base power	270 W	Placement supported	Horizontal/Vertical
Maximum turbo power	324 W	Product colour *	Black, Red
Memory		Performance	
Internal memory *	128 GB	Motherboard chipset	Intel W790
Maximum internal memory *	1 TB	Audio chip	Realtek ALC897-Q
Internal memory type	DDR5-SDRAM	Built-in speaker(s)	✓
Memory layout (slots x size)	8 x 16 GB	Number of speakers	1
Memory slots	8x DIMM	Password protection	✓
Memory clock speed	4800 MHz	Password protection type	Power on, Supervisor
ECC	✓	BIOS type	UEFI
Memory channels	Octa-channel	Trusted Platform Module (TPM)	✓
Storage		Product type *	Workstation
Total storage capacity *	1 TB	Software	
Storage media *	SSD	Operating system architecture	64-bit
Optical drive type *	✗	Operating system language	English
Number of storage drives installed	1	Operating system installed *	Windows 11 Pro for Workstations
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	Power supply *	1400 W
SSD capacity	1 TB	80 PLUS certification	80 PLUS Platinum
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	10 - 35 °C
SSD form factor	M.2		
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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