



Lenovo ThinkStation P3 Intel® Core™ i7 i7-13700 16 GB DDR5-SDRAM 512 GB SSD NVIDIA Quadro T1000 Windows 11 Pro Tower Workstation Black

Brand : Lenovo

Product family: ThinkStation

Product code: 30GS002VUS

Product name : P3

- Windows 11 Pro 64-bit

- Intel Core i7-13700 (30MB Cache)

- NVIDIA Quadro T1000 (8GB GDDR6)

- 16GB (4800MHz) DDR5-SDRAM (1 x 16) & 512GB SSD

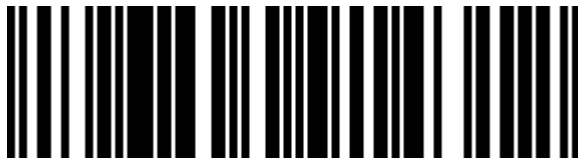
Intel Core i7-13700 (30MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 770, NVIDIA Quadro T1000 (8GB GDDR6), LAN, Windows 11 Pro 64-bit

Lenovo ThinkStation P3. Processor family: Intel® Core™ i7, Processor model: i7-13700. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 4800 MHz. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770, Discrete graphics card model: NVIDIA Quadro T1000. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 750 W. Chassis type: Tower. Product type: Workstation. Product colour: Black



Processor		Performance	
Processor manufacturer *	Intel	Trusted Platform Module (TPM)	✓
Processor family *	Intel® Core™ i7	Product type *	Workstation
Processor generation	13th gen Intel® Core™ i7	Built-in speaker(s)	✓
Processor model *	i7-13700	Network	
Processor cores	16	Ethernet LAN *	✓
Processor threads	24	Ethernet LAN data rates	100,1000 Mbit/s
Processor boost frequency	5.8 GHz	Cabling technology	10/100/1000Base-T(X)
Performance cores	8	LAN controller	Intel® I219-LM
Efficient cores	8	Wi-Fi *	✗
Performance-core Max Turbo Frequency	5.1 GHz	Bluetooth	✗
Efficient-core Max Turbo Frequency	4.1 GHz	Ports & interfaces	
Performance-core base frequency	2.1 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
Efficient-core base frequency	1.5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor cache	30 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor cache type	Smart Cache	DisplayPorts quantity	3
Bus type	DMI4	DisplayPort version	1.4
Number of processors installed	1	HDMI ports quantity *	1
Processor base power	125 W	HDMI version	2.1
Maximum turbo power	253 W	Ethernet LAN (RJ-45) ports	1
Memory		Combo headphone/mic port	✓
Internal memory *	16 GB	Line-out	✓
Maximum internal memory *	128 GB	Microphone in	✓
Internal memory type	DDR5-SDRAM	Power	
Memory layout (slots x size)	1 x 16 GB	Power supply *	750 W
Memory slots	4x DIMM	Power supply input voltage	100 - 240 V
Memory clock speed	4800 MHz	80 PLUS certification	80 PLUS Platinum
Non-ECC	✓	Design	
Memory channels	Dual-channel	Chassis type *	Tower
Storage		Volume	27 L
Total storage capacity *	512 GB	Placement supported	Vertical
Storage media *	SSD	Cable lock slot	✓
Optical drive type *	✗		
Number of storage drives installed	1		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		

Storage		Design	
SSD capacity	512 GB	Cable lock slot type	Kensington
SSD interface	PCI Express 4.0	Product colour *	Black
NVMe	✓	Software	
SSD form factor	M.2	Operating system architecture	64-bit
Card reader integrated	✓	Operating system language	English
Compatible memory cards	SD	Operating system installed *	Windows 11 Pro
Graphics		Processor special features	
Discrete graphics card *	✓	CPU configuration (max)	1
Discrete GPU manufacturer	NVIDIA	Display	
On-board graphics card *	✓	Display included *	✗
Discrete graphics card model *	NVIDIA Quadro T1000	Audio	
Discrete graphics card memory	8 GB	Audio chip	Realtek ALC897Q-CG
Discrete graphics memory type	GDDR6	Audio system	High Definition Audio
Number of discrete graphics cards	1	Number of speakers	1
On-board GPU manufacturer	Intel	Operational conditions	
On-board graphics card family	Intel® UHD Graphics	Operating temperature (T-T)	10 - 35 °C
On-board graphics card model *	Intel UHD Graphics 770	Storage temperature (T-T)	-40 - 60 °C
Graphics card Mini DisplayPort ports quantity	4	Operating relative humidity (H-H)	20 - 80%
Performance		Storage relative humidity (H-H)	10 - 90%
Motherboard chipset	Intel W680	Operating altitude	0 - 3048 m
Password protection	✓	Non-operating altitude	0 - 12192 m
Password protection type	BIOS, Power on, Supervisor	Weight & dimensions	
BIOS type	UEFI	Width *	180 mm
		Depth *	370 mm
		Height *	415 mm
		Weight *	13.6 kg
		Packaging content	
		Mouse included	✓
		Keyboard included	✓
		Certificates	
		Certification	EPEAT Gold Registered ENERGY STAR 8.0 ErP Lot 3 TCO Certified 9.0 RoHS compliant



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