



Lenovo ThinkStation P3 Intel® Core™ i7 i7-13700 16 GB DDR5-SDRAM 1.51 TB HDD+SSD NVIDIA T400 Windows 11 Pro Tower Workstation Black

Brand : Lenovo **Product family:** ThinkStation **Product code:** 30GS0055AU

Product name : P3

- Windows 11 Pro 64-bit
 - Intel Core i7-13700 (30MB Cache)
 - NVIDIA T400 (4GB GDDR6)
 - 16GB (4800MHz) DDR5-SDRAM (1 x 16) & 1000GB HDD, 512GB SSD
 Intel Core i7-13700 (30MB Cache), 16GB DDR5-SDRAM, 1000GB HDD, 512GB SSD, Intel UHD Graphics 770, NVIDIA T400 (4GB 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: 1.51 TB, Storage media: HDD+SSD. On-board graphics card model: Intel UHD Graphics 770, Discrete graphics card model: NVIDIA T400. 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		Network	
Processor manufacturer *	Intel	Cabling technology	10/100/1000Base-T(X)
Processor family *	Intel® Core™ i7	LAN controller	Intel® I219-LM
Processor generation	13th gen Intel® Core™ i7	Wi-Fi *	✗
Processor model *	i7-13700	Bluetooth	✗
Processor cores	16	Ports & interfaces	
Processor threads	24	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Efficient cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Performance-core Max Turbo Frequency	5.1 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	4.1 GHz	HDMI version	2.1
Performance-core base frequency	2.1 GHz	DisplayPorts quantity	2
Efficient-core base frequency	1.5 GHz	DisplayPort version	1.4
Processor cache	30 MB	Ethernet LAN (RJ-45) ports	1
Processor cache type	Smart Cache	Microphone in	✓
Bus type	DMI4	Line-out	✓
Number of processors installed	1	Combo headphone/mic port	✓
Processor base power	125 W	Design	
Maximum turbo power	253 W	Chassis type *	Tower
Memory		Volume	27 L
Internal memory *	16 GB	Placement supported	Vertical
Maximum internal memory *	128 GB	Cable lock slot	✓
Internal memory type	DDR5-SDRAM	Cable lock slot type	Kensington
Memory layout (slots x size)	1 x 16 GB	Product colour *	Black
Memory slots	4x DIMM	Performance	
Memory clock speed	4800 MHz	Motherboard chipset	Intel W680
Non-ECC	✓	Audio chip	Realtek ALC897Q-CG
Memory channels	Dual-channel	Audio system	High Definition Audio
Storage		Built-in speaker(s)	✓
Total storage capacity *	1.51 TB	Number of speakers	1
Storage media *	HDD+SSD	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, Power on, Supervisor
Number of storage drives installed	2	BIOS type	UEFI
Total HDDs capacity	1 TB	Trusted Platform Module (TPM)	✓
Number of HDDs installed	1		
HDD interface	SATA III		

Storage		Performance	
HDD speed	7200 RPM	Product type *	Workstation
HDD size	3.5"	Software	
Total SSDs capacity	512 GB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1	Operating system architecture	64-bit
SSD capacity	512 GB	Operating system language	English
SSD interface	PCI Express 4.0	Processor special features	
NVMe	✓	CPU configuration (max)	1
SSD form factor	M.2	Power	
Card reader integrated	✗	Power supply *	750 W
Graphics		Power supply input voltage	100 - 240 V
Discrete graphics card *	✓	80 PLUS certification	80 PLUS Platinum
Discrete GPU manufacturer	NVIDIA	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	10 - 35 °C
Discrete graphics card model *	NVIDIA T400	Storage temperature (T-T)	-40 - 60 °C
Discrete graphics card memory	4 GB	Operating relative humidity (H-H)	20 - 80%
Discrete graphics memory type	GDDR6	Storage relative humidity (H-H)	10 - 90%
Number of discrete graphics cards	1	Operating altitude	0 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	0 - 12192 m
On-board graphics card family	Intel® UHD Graphics	Certificates	
On-board graphics card model *	Intel UHD Graphics 770	Certification	EPEAT Gold Registered ENERGY STAR 8.0 ErP Lot 3 TCO Certified 9.0 RoHS compliant
Graphics card Mini DisplayPort ports quantity	3	Weight & dimensions	
Network		Width *	180 mm
Ethernet LAN *	✓	Depth *	370 mm
Ethernet LAN data rates	100,1000 Mbit/s	Height *	415 mm
		Weight *	13.6 kg
		Packaging content	
		Display included *	✗
		Mouse included	✓
		Keyboard included	✓



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