



## Lenovo ThinkStation P3 Intel® Core™ i7 i7-13700 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A4500 Windows 11 Pro Tower Workstation Black

**Brand :** Lenovo

**Product family:** ThinkStation

**Product code:** 30GS0036US

**Product name :** P3

- Windows 11 Pro 64-bit
- Intel Core i7-13700 (30MB Cache)
- NVIDIA RTX A4500 (20GB GDDR6)
- 32GB (4800MHz) DDR5-SDRAM (1 x 32) & 1000GB SSD

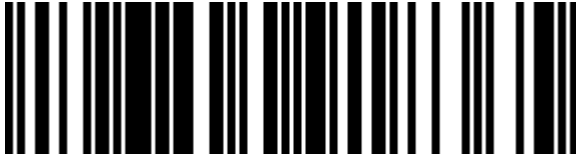
Intel Core i7-13700 (30MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel UHD Graphics 770, NVIDIA RTX A4500 (20GB GDDR6), LAN, Windows 11 Pro 64-bit

Lenovo ThinkStation P3. Processor family: Intel® Core™ i7, Processor model: i7-13700. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 4800 MHz. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770, Discrete graphics card model: NVIDIA RTX A4500. 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	Wi-Fi *	✗
Processor family *	Intel® Core™ i7	Bluetooth	✗
Processor generation	13th gen Intel® Core™ i7	Ports & interfaces	
Processor model *	i7-13700	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
Processor cores	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor threads	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor boost frequency	5.8 GHz	HDMI ports quantity *	1
Performance cores	8	HDMI version	2.1
Efficient cores	8	DisplayPorts quantity	3
Performance-core Max Turbo Frequency	5.1 GHz	DisplayPort version	1.4
Efficient-core Max Turbo Frequency	4.1 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.1 GHz	Microphone in	✓
Efficient-core base frequency	1.5 GHz	Line-out	✓
Processor cache	30 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Design	
Bus type	DMI4	Chassis type *	Tower
Number of processors installed	1	Volume	27 L
Processor base power	125 W	Placement supported	Vertical
Maximum turbo power	253 W	Cable lock slot	✓
Memory		Cable lock slot type	Kensington
Internal memory *	32 GB	Product colour *	Black
Maximum internal memory *	128 GB	Performance	
Internal memory type	DDR5-SDRAM	Motherboard chipset	Intel W680
Memory layout (slots x size)	1 x 32 GB	Audio chip	Realtek ALC897Q-CG
Memory slots	4x DIMM	Audio system	High Definition Audio
Memory clock speed	4800 MHz	Built-in speaker(s)	✓
Non-ECC	✓	Number of speakers	1
Memory channels	Dual-channel	Password protection	✓
Storage		Password protection type	BIOS, Power on, Supervisor
Total storage capacity *	1 TB	BIOS type	UEFI
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Product type *	Workstation
Number of storage drives installed	1		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		

Storage		Software	
SSD capacity	1 TB	Operating system installed *	Windows 11 Pro
SSD interface	PCI Express 4.0	Operating system architecture	64-bit
NVMe	✓	Operating system language	English
SSD form factor	M.2	Processor special features	
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	SD	Power	
Graphics		Power supply *	750 W
Discrete graphics card *	✓	Power supply input voltage	100 - 240 V
On-board graphics card *	✓	80 PLUS certification	80 PLUS Platinum
Discrete graphics card model *	NVIDIA RTX A4500	Operational conditions	
Discrete graphics card memory	20 GB	Operating temperature (T-T)	10 - 35 °C
Discrete graphics memory type	GDDR6	Storage temperature (T-T)	-40 - 60 °C
Number of discrete graphics cards	1	Operating relative humidity (H-H)	20 - 80%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	10 - 90%
On-board graphics card family	Intel® UHD Graphics	Operating altitude	0 - 3048 m
On-board graphics card model *	Intel UHD Graphics 770	Non-operating altitude	0 - 12192 m
Graphics card DisplayPorts quantity	4	Certificates	
Network		Certification	EPEAT Gold Registered ENERGY STAR 8.0 ErP Lot 3 TCO Certified 9.0 RoHS compliant
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	100,1000 Mbit/s	Width *	180 mm
Cabling technology	10/100/1000Base-T(X)	Depth *	370 mm
LAN controller	Intel® I219-LM	Height *	415 mm
		Weight *	13.6 kg
		Packaging content	
		Display included *	✗
		Mouse included	✓
		Keyboard included	✓



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