



# Lenovo ThinkStation P3 Ultra Intel® Core™ i7 i7-13700K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA Quadro T1000 Windows 11 Pro Mini Tower Workstation Black



**Brand :** Lenovo      **Product family:** ThinkStation      **Product code:** 30HA001SUS

**Product name :** P3 Ultra

- Windows 11 Pro 64-bit
  - Intel Core i7-13700K (30MB Cache)
  - NVIDIA Quadro T1000 (8GB GDDR6)
  - 32GB DDR5-SDRAM (1 x 32) & 1000GB SSD
- Intel Core i7-13700K (30MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel UHD Graphics 770, NVIDIA Quadro T1000 (8GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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The Lenovo ThinkStation P3 Ultra features a revolutionary form factor that is redefining the power of small. With the latest 13th Gen Intel® Core™ processors, up to NVIDIA RTX™ A5500 mobile graphics, super-fast memory, and cutting-edge storage, this workstation breaks new ground by delivering superior performance and flexibility in a chassis less than four liters in total volume.

Processor		Network	
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor family *	Intel® Core™ i7	WLAN controller manufacturer	Intel
Processor generation	13th gen Intel® Core™ i7	WLAN controller model	Intel Wi-Fi 6E AX211
Processor model *	i7-13700K	Antenna type	2x2
Processor cores	16	Bluetooth	✓
Processor threads	24	Bluetooth version	5.1
Performance cores	8	Ports & interfaces	
Efficient cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Performance-core Max Turbo Frequency	5.3 GHz	Thunderbolt 4 ports quantity	2
Efficient-core Max Turbo Frequency	4.2 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	3.4 GHz	DisplayPorts quantity	3
Efficient-core base frequency	2.5 GHz	DisplayPort version	1.2
Processor cache	30 MB	Ethernet LAN (RJ-45) ports	2
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Bus type	DMI4	Design	
Number of processors installed	1	Chassis type *	Mini Tower
Memory		Volume	3.9 L
Internal memory *	32 GB	Placement supported	Horizontal/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 32 GB	Product colour *	Black
Memory slots	4x SO-DIMM	Performance	
Non-ECC	✓	Motherboard chipset	Intel W680
Memory channels	Dual-channel	Audio chip	Realtek ALC897-Q
Storage		Built-in speaker(s)	✓
Total storage capacity *	1 TB	Number of speakers	1
Storage media *	SSD	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, Power on, Supervisor
Number of storage drives installed	1	BIOS type	UEFI
Total SSDs capacity	1 TB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Product type *	Workstation
SSD capacity	1 TB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Pro
NVMe	✓		

Storage		Software	
SSD form factor	M.2	Operating system architecture	64-bit
Card reader integrated	✗	Operating system language	English
Graphics		Processor special features	
Discrete graphics card *	✓	CPU configuration (max)	1
Discrete GPU manufacturer	NVIDIA	Power	
On-board graphics card *	✓	Power supply *	300 W
Discrete graphics card model *	NVIDIA Quadro T1000	Power supply input voltage	100 - 240 V
Discrete graphics card memory	8 GB	Operational conditions	
Discrete graphics memory type	GDDR6	Operating temperature (T-T)	10 - 35 °C
Number of discrete graphics cards	1	Storage temperature (T-T)	-40 - 60 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	20 - 80%
On-board graphics card model *	Intel UHD Graphics 770	Storage relative humidity (H-H)	10 - 90%
Graphics card Mini DisplayPort ports quantity	4	Operating altitude	0 - 3048 m
		Non-operating altitude	0 - 12192 m
Network		Certificates	
Ethernet LAN *	✓	Certification	EPEAT Gold Registered ENERGY STAR 8.0 TCO Certified 9.0 RoHS compliant MIL-STD-810H
Ethernet LAN data rates	1000,2500,100 Mbit/s	Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Width *	87 mm
Wi-Fi *	✓	Depth *	223 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Height *	202 mm
		Weight *	3.6 kg
		Packaging content	
		Display included *	✗
		Mouse included	✓
		Keyboard included	✓



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