



Lenovo ThinkStation P3 Ultra Intel® Core™ i9 i9-13900K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA Quadro T1000 Windows 11 Pro Mini Tower Workstation Black

Brand : Lenovo

Product family: ThinkStation

Product code: 30HA0020US

Product name : P3 Ultra

- Windows 11 Pro 64-bit
- Intel Core i9-13900K (36MB Cache)
- NVIDIA Quadro T1000 (8GB GDDR6)
- 32GB DDR5-SDRAM (1 x 32) & 1000GB SSD
Intel Core i9-13900K (36MB 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		Performance	
Processor manufacturer *	Intel	Trusted Platform Module (TPM)	✓
Processor family *	Intel® Core™ i9	Product type *	Workstation
Processor generation	13th gen Intel® Core™ i9	Built-in speaker(s)	✓
Processor model *	i9-13900K	Network	
Processor cores	24	Ethernet LAN *	✓
Processor threads	32	Ethernet LAN data rates	1000,2500,100 Mbit/s
Processor boost frequency	5.8 GHz	Cabling technology	10/100/1000Base-T(X)
Performance cores	8	Wi-Fi *	✓
Efficient cores	16	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Performance-core Max Turbo Frequency	5.4 GHz	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Efficient-core Max Turbo Frequency	4.3 GHz	WLAN controller manufacturer	Intel
Performance-core base frequency	3 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Efficient-core base frequency	2.2 GHz	Antenna type	2x2
Processor cache	36 MB	Bluetooth	✓
Processor cache type	Smart Cache	Bluetooth version	5.1
Bus type	DMI4	Ports & interfaces	
Number of processors installed	1	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Processor base power	125 W	Intel® Thunderbolt 4	✓
Maximum turbo power	253 W	Thunderbolt 4 ports quantity	2
Memory		DisplayPorts quantity	3
Internal memory *	32 GB	DisplayPort version	1.2
Maximum internal memory *	128 GB		
Internal memory type	DDR5-SDRAM		

Memory		Ports & interfaces	
Memory layout (slots x size)	1 x 32 GB	Ethernet LAN (RJ-45) ports	2
Memory slots	4x SO-DIMM	Combo headphone/mic port	✓
Non-ECC	✓	Power	
Memory channels	Dual-channel	Power supply *	300 W
Storage		Power supply input voltage	100 - 240 V
Total storage capacity *	1 TB	Design	
Storage media *	SSD	Chassis type *	Mini Tower
Optical drive type *	✗	Volume	3.9 L
Number of storage drives installed	1	Placement supported	Horizontal/Vertical
Total SSDs capacity	1 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	1 TB	Product colour *	Black
SSD interface	PCI Express 4.0	Software	
NVMe	✓	Operating system architecture	64-bit
SSD form factor	M.2	Operating system language	English
Card reader integrated	✗	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 ALC897-Q
Discrete graphics memory type	GDDR6	Number of speakers	1
Number of discrete graphics cards	1	Operational conditions	
On-board GPU manufacturer	Intel	Operating temperature (T-T)	10 - 35 °C
On-board graphics card family	Intel® UHD Graphics	Storage temperature (T-T)	-40 - 60 °C
On-board graphics card model *	Intel UHD Graphics 770	Operating relative humidity (H-H)	20 - 80%
Graphics card Mini DisplayPort ports quantity	4	Storage relative humidity (H-H)	10 - 90%
Performance		Operating altitude	0 - 3048 m
Motherboard chipset	Intel W680	Non-operating altitude	0 - 12192 m
Password protection	✓	Weight & dimensions	
Password protection type	BIOS, Power on, Supervisor	Width *	87 mm
BIOS type	UEFI	Depth *	223 mm
		Height *	202 mm
		Weight *	3.6 kg
Packaging content			
		Mouse included	✓
		Keyboard included	✓
Certificates			
		Certification	EPEAT Gold Registered ENERGY STAR 8.0 TCO Certified 9.0 RoHS compliant MIL-STD-810H

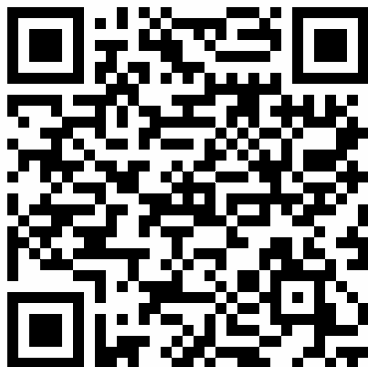


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