



Lenovo ThinkStation P3 Ultra Intel® Core™ i7 i7-13700 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A2000 Windows 11 Pro Mini Tower Stazione di lavoro Nero

Marchio : Lenovo

Famiglia del prodotto:
ThinkStation

Codice prodotto: 30HA0008IX

Nome del prodotto : P3 Ultra

Intel Core i7-13700, 16C (8P + 8E)/24T, Max Turbo up to 5.2GHz, P-core 2.1/5.1GHz, E-core 1.5/4.1GHz, 30MB, 2x 16GB SO-DIMM DDR5-4800 Non-ECC, 1x 1TB SSD M.2 2280 PCIe 4.0x4 Performance NVMe Opal, Intel UHD Graphics 770, 1x NVIDIA RTX A2000 12GB, Intel Wi-Fi 6E AX211 11ax 2x2 + BT5.1 vPro, Windows 11 Pro

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Grande potenza in un formato ridotto

- Potenza straordinaria in uno chassis da 3,9 litri unico nel settore
- Processori Intel® Core™ di tredicesima generazione ultraveloce, enorme capacità di memoria
- Scelta di schede grafiche professionali dedicate opzionali
- Dotata di certificazioni ISV, gestisce agevolmente flussi di lavoro complessi
- Supporta gestione del sistema e monitoraggio da remoto
- Progettata per gli spazi ridotti, ideale per ogni settore



Processor		Network	
Processor manufacturer *	Intel	WLAN controller manufacturer	Intel
Processor family *	Intel® Core™ i7	WLAN controller model	Intel Wi-Fi 6E AX211
Processor generation	13th gen Intel® Core™ i7	Antenna type	2x2
Processor model *	i7-13700	Bluetooth	✓
Processor cores	16	Bluetooth version	5.1
Processor threads	24	Ports & interfaces	
Processor boost frequency	5.2 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Performance cores	8	Intel® Thunderbolt 4	✓
Efficient cores	8	Thunderbolt 4 ports quantity	2
Performance-core Max Turbo Frequency	5.1 GHz	DisplayPorts quantity	3
Efficient-core Max Turbo Frequency	4.1 GHz	DisplayPort version	1.2
Performance-core base frequency	2.1 GHz	Ethernet LAN (RJ-45) ports	2
Efficient-core base frequency	1.5 GHz	Combo headphone/mic port	✓
Processor cache	30 MB	Design	
Processor cache type	Smart Cache	Chassis type *	Mini Tower
Bus type	DMI4	Colour name	Black
Number of processors installed	1	Volume	3.9 L
Processor base power	65 W	Placement supported	Horizontal/Vertical
Maximum turbo power	219 W	Cable lock slot	✓
Memory		Cable lock slot type	Kensington
Internal memory *	32 GB	Product colour *	Black
Maximum internal memory *	128 GB		
Internal memory type	DDR5-SDRAM		

Memory		Performance	
Memory layout (slots x size)	2 x 16 GB	Motherboard chipset	Intel W680
Memory slots	4x SO-DIMM	Audio chip	Realtek ALC897-Q
Memory clock speed	4800 MHz	Audio system	High Definition Audio
Non-ECC	✓	Built-in speaker(s)	✓
Memory channels	Dual-channel	Number of speakers	1
Storage		Password protection	✓
Total storage capacity *	1 TB	Password protection type	BIOS, Power on, Supervisor
Storage media *	SSD	BIOS type	UEFI
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Number of storage drives installed	1	Product type *	Workstation
Total SSDs capacity	1 TB	Software	
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	1 TB	Operating system architecture	64-bit
SSD interface	PCI Express 4.0	Operating system language	German, Dutch, English, French, Italian
NVMe	✓	Processor special features	
SSD form factor	M.2	CPU configuration (max)	1
Card reader integrated	✗	Power	
Graphics		Power supply *	230 W
Discrete graphics card *	✓	Power supply input voltage	100 - 240 V
Discrete GPU manufacturer	NVIDIA	Power supply input frequency	50 - 60 Hz
On-board graphics card *	✓	Operational conditions	
Discrete graphics card model *	NVIDIA RTX A2000	Operating temperature (T-T)	10 - 35 °C
Discrete graphics card memory	12 GB	Storage temperature (T-T)	-40 - 60 °C
Discrete graphics memory type	GDDR6	Operating relative humidity (H-H)	20 - 80%
Number of discrete graphics cards	1	Storage relative humidity (H-H)	10 - 90%
On-board GPU manufacturer	Intel	Operating altitude	0 - 3048 m
On-board graphics card family	Intel® UHD Graphics	Non-operating altitude	0 - 12192 m
On-board graphics card model *	Intel UHD Graphics 770	Certificates	
Graphics card Mini DisplayPort ports quantity	4	Compliance certificates	RoHS
Network		Certification	EPEAT Gold Registered ENERGY STAR 8.0 TCO Certified 9.0 RoHS compliant MIL-STD-810H
Ethernet LAN *	✓	Sustainability	
Ethernet LAN data rates	1000,2500,100 Mbit/s	Sustainability certificates	ENERGY STAR, TCO, EPEAT Gold
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Wi-Fi *	✓	Width *	87 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Depth *	223 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Height *	202 mm
		Weight *	3.6 kg
		Packaging content	
		Mouse included	✓
		Keyboard included	✓
		Display	
		Display included *	✗



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