![Lenovo]

Lenovo ThinkStation P3 Ultra Intel® Core™ i9 i9-13900 64 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX A5500 Windows 11 Pro Mini Tower Workstation Black

Brand : Lenovo   **Product family:** ThinkStation   **Product code:** 30HA000MGE

Product name : P3 Ultra

- Windows 11 Pro 64-bit
- Intel Core i9-13900 (36MB Cache)
- NVIDIA RTX A5500 (16GB GDDR6)
- 64GB DDR5-SDRAM (2 x 32) & 1000GB SSD
Intel Core i9-13900 (36MB Cache), 64GB DDR5-SDRAM, 1000GB SSD, Intel UHD Graphics 770, NVIDIA RTX A5500 (16GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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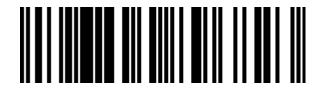
The Lenovo ThinkStation P3 Ultra features a revolutionary form factor that is redefining the power of small. With the latest 13th Gen Intel® Core™ processors, up to NVIDIA RTX™ A5500 mobile graphics, super-fast memory, and cutting-edge storage, this workstation breaks new ground by delivering superior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

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i9
Processor generation	13th gen Intel® Core™ i9
Processor model *	i9-13900
Processor cores	24
Processor threads	32
Processor boost frequency	5,6 GHz
Performance cores	8
Efficient cores	16
Performance-core Max Turbo Frequency	5,2 GHz
Efficient-core Max Turbo Frequency	4,2 GHz
Performance-core base frequency	2 GHz
Efficient-core base frequency	1,5 GHz
Processor cache	36 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor base power	65 W
Maximum turbo power	219 W

Memory

Internal memory *	64 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 32 GB

Network

Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Bluetooth	✔
Bluetooth version	5.1

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Intel® Thunderbolt 4	✔
Thunderbolt 4 ports quantity	2
DisplayPorts quantity	3
DisplayPort version	1.2
Ethernet LAN (RJ-45) ports	2
Combo headphone/mic port	✔

Design

Chassis type *	Mini Tower
Volume	3,9 L
Placement supported	Horizontal/Vertical
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black

Memory

Memory slots	4x SO-DIMM
Non-ECC	✔
Memory channels	Dual-channel

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Optical drive type *	✘
Number of storage drives installed	1
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Card reader integrated	✘

Graphics

Discrete graphics card *	✔
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA RTX A5500
Discrete graphics card memory	16 GB
Discrete graphics memory type	GDDR6
Number of discrete graphics cards	1
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770

Network

Ethernet LAN *	✔
Ethernet LAN data rates	1000,2500,100 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)

Performance

Motherboard chipset	Intel W680
Audio chip	Realtek ALC897-Q
Built-in speaker(s)	✔
Number of speakers	1
Password protection	✔
Password protection type	BIOS, Power on, Supervisor
BIOS type	UEFI
Trusted Platform Module (TPM)	✔
Product type *	Workstation

Software

Operating system architecture	64-bit
Operating system language	German
Operating system installed *	Windows 11 Pro

Power

Power supply *	300 W
Power supply input voltage	100 - 240 V

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	10 - 90%
Operating altitude	0 - 3048 m
Non-operating altitude	0 - 12192 m

Certificates

Certification	EPEAT Gold Registered ENERGY STAR 8.0 TCO Certified 9.0 RoHS compliant MIL-STD-810H

Weight & dimensions

Width *	87 mm
Depth *	223 mm
Height *	202 mm
Weight *	3,6 kg

Packaging content

Mouse included	✔
Mouse connectivity	Wired
Keyboard included	✔
Keyboard connectivity	Wired

Display

Display included *	✘

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Catalog Object Cloud