![Lenovo]

Lenovo ThinkStation P3 Ultra Intel® Core™ i5 i5-13400T 16 GB DDR5-SDRAM 512 GB SSD NVIDIA Quadro T1000 Windows 11 Pro Mini Tower Workstation Black

Brand : Lenovo **Product family:** ThinkStation **Product code:** 30HA0023US

Product name : P3 Ultra

- Windows 11 Pro 64-bit
- Intel Core i5-13400T (20MB Cache)
- NVIDIA Quadro T1000 (8GB GDDR6)
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
Intel Core i5-13400T (20MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel UHD Graphics 730, NVIDIA Quadro T1000 (8GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

Lenovo ThinkStation P3 Ultra Intel® Core™ i5 i5-13400T 16 GB DDR5-SDRAM 512 GB SSD NVIDIA Quadro T1000 Windows 11 Pro Mini Tower Workstation Black:

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™ i5
Processor generation	13th gen Intel® Core™ i5
Processor model *	i5-13400T
Processor cores	10
Processor threads	16
Processor boost frequency	4.4 GHz
Performance cores	6
Efficient cores	4
Performance-core Max Turbo Frequency	4.4 GHz
Efficient-core Max Turbo Frequency	3 GHz
Performance-core base frequency	1.3 GHz
Efficient-core base frequency	1 GHz
Processor cache	20 MB
Processor cache type	Smart Cache
Bus type	DMI4
Number of processors installed	1
Processor base power	35 W
Maximum turbo power	82 W

Memory

Internal memory *	16 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM

Network

Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Antenna type	2x2
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

Memory

Memory layout (slots x size)	1 x 16 GB
Memory slots	4x SO-DIMM
Non-ECC	✔
Memory channels	Dual-channel

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✘
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Card reader integrated	✘

Graphics

Discrete graphics card *	✔
Discrete GPU manufacturer	NVIDIA
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA Quadro T1000
Discrete graphics card memory	8 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 730
Graphics card Mini DisplayPort ports quantity	4

Network

Ethernet LAN *	✔
Ethernet LAN data rates	1000,2500,100 Mbit/s
Cabling technology	10/100/1000Base-T(X)

Design

Product colour *	Black

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	English
Operating system installed *	Windows 11 Pro

Processor special features

CPU configuration (max)	1

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	✔
Keyboard included	✔

Display

Display included *	✘

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