



Lenovo ThinkStation P3 Ultra SFF Gen 2 Intel Core Ultra 9 285 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Windows 11 Pro Mini Tower Workstation Black



Brand : Lenovo

Product family: ThinkStation

Product code: 30J50031US

Product name : ThinkStation P3 Ultra SFF Gen 2

- Windows 11 Pro
 - Intel Core Ultra 9 285 (36MB Cache)
 - NVIDIA RTX 2000 Ada (16GB GDDR6)
 - 32GB (5600MHz) DDR5-SDRAM (1 x 32) & 1000GB SSD
 Intel Core Ultra 9 285 (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, NVIDIA RTX 2000 Ada (16GB GDDR6), LAN, WLAN, Bluetooth, Windows 11 Pro
 Lenovo ThinkStation P3 Ultra SFF Gen 2. Processor family: Intel Core Ultra 9, Processor model: 285. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA RTX 2000 Ada. Operating system installed: Windows 11 Pro. Power supply: 330 W. Chassis type: Mini Tower. Product type: Workstation. Weight: 3.6 kg. Product colour: Black

Processor		Graphics	
Processor manufacturer *	Intel	Graphics card Mini DisplayPort ports quantity	4
Processor family *	Intel Core Ultra 9	Network	
Processor generation	Intel Core Ultra (Series 2)	Ethernet LAN *	✓
Processor model *	285	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor cores	24	Wi-Fi *	✓
Processor threads	24	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Processor boost frequency	5.6 GHz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Performance cores	8	WLAN controller manufacturer	Intel
Efficient cores	16	WLAN controller model	Intel Wi-Fi 7 BE200
Performance-core Max Turbo Frequency	5.4 GHz	Antenna type	2x2
Efficient-core Max Turbo Frequency	4.6 GHz	Bluetooth	✓
Performance-core base frequency	2.5 GHz	Bluetooth version	5.4
Efficient-core base frequency	1.9 GHz	Ports & interfaces	
Processor cache	36 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5
Processor cache type	Smart Cache	USB 3.2 Gen 2x2 Type-C ports quantity	2
Number of processors installed	1	DisplayPorts quantity	3
Processor base power	65 W	Ethernet LAN (RJ-45) ports	1
Maximum turbo power	182 W	Combo headphone/mic port	✓
Neural processor unit (NPU)		Design	
Neural processor unit (NPU)	Intel AI Boost	Chassis type *	Mini Tower
Sparsity support	✓	Volume	3.9 L
Windows Studio effects support	✓	Placement supported	Horizontal/Vertical
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Cable lock slot	✓
Total processor performance up to	36 TOPs	Cable lock slot type	Kensington
NPU performance up to	13 TOPs	Product colour *	Black
GPU performance up to	8 TOPs	Performance	
Memory		Motherboard chipset	Intel W880
Internal memory *	32 GB	Audio chip	Realtek ALC623-CG
Maximum internal memory *	128 GB	Audio system	High Definition Audio
Internal memory type	DDR5-SDRAM	Built-in speaker(s)	✓
Memory layout (slots x size)	1 x 32 GB	Number of speakers	1
Memory slots	2x SO-DIMM	Password protection	✓
Memory clock speed	5600 MHz		
Non-ECC	✓		

Memory		Performance	
Memory channels	Dual-channel	Password protection type	BIOS, Power on
Storage		Trusted Platform Module (TPM)	✓
Total storage capacity *	1 TB	Product type *	Workstation
Storage media *	SSD	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Software	
Number of storage drives installed	1	Operating system language	English, US English
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1	Bundled software	Lenovo AI Now
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	Power supply *	330 W
NVMe	✓	Power supply input voltage	100 - 240 V
SSD form factor	M.2	Operational conditions	
M.2 SSD size	2280 (22 x 80 mm)	Operating temperature (T-T)	10 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 60 °C
Discrete graphics card *	✓	Operating relative humidity (H-H)	20 - 80%
Discrete GPU manufacturer	NVIDIA	Storage relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Operating altitude	0 - 3048 m
Discrete graphics card model *	NVIDIA RTX 2000 Ada	Non-operating altitude	0 - 12192 m
Discrete graphics card memory	16 GB	Certificates	
Discrete graphics memory type	GDDR6	Compliance certificates	RoHS
Number of discrete graphics cards	1	Certification	TCO Certified, generation 10 MIL-STD-810H
On-board GPU manufacturer	Intel	Weight & dimensions	
On-board graphics card family	Intel® Graphics	Width *	87 mm
On-board graphics card model *	Intel® Graphics	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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