Lenovo

Lenovo ThinkStation P360 Ultra Intel® Core™ i7 i7-12700K 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Mini Tower Stazione di lavoro Nero

Marchio : Lenovo

Famiglia del prodotto: ThinkStation

Codice prodotto: 30G1003WIX

Nome del prodotto : P360 Ultra

- Intel Core i7-12700K, 12C (8P + 4E)/20T, P-core 3.6/5.0GHz, E-core 2.7/3.8GHz, 25MB
- 2x 16GB SO-DIMM DDR5-4000 non-ECC
- 1x 1TB SSD M.2 2280 PCIe Gen 4x4 Performance NVMe Opal
- Intel UHD Graphics 770
- Windows 11 Pro 64

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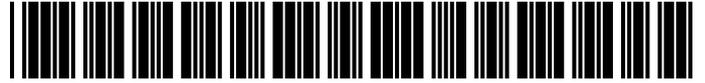**Ultra Small. Ultrapotente. Ultraperformante.**
- Il primo chassis da 3,9 litri nel settore, alimentato da processori Intel® Core™ di dodicesima generazione
- Aumenta la creatività con la scheda grafica professionale NVIDIA®
- Memoria e storage PCIe ad altissima velocità
- Configurazioni flessibili e supporto per 8 schermi indipendenti
- Con certificazioni ISV per applicazioni leader di settore in grado di affrontare flussi di lavoro impegnativi
- Ideale per ingegneri, designer, personale medico e finanziatori

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-12700K
Processor cores	12
Processor boost frequency	5 GHz
Efficient-core base frequency	2.7 GHz
Processor cache	25 MB
Bus type	DMI4
Number of processors installed	1

Memory	
Internal memory *	32 GB
Maximum internal memory *	128 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 16 GB
Memory slots	4x DIMM
Memory clock speed	4800 MHz
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

Design	
Cable lock slot type	Kensington
Product colour *	Black

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

Software	
Operating system installed *	Windows 11 Pro
Operating system architecture	64-bit
Operating system language	German, Dutch, English, French, Italian

Processor special features	
Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✘
Intel VT-x with Extended Page Tables (EPT)	✔
Idle States	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel Trusted Execution Technology	✔

Storage

NVMe	✔
SSD form factor	M.2
Card reader integrated	✘

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card model *	Intel UHD Graphics 770

Network

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

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	✔

Processor special features

Execute Disable Bit	✔
CPU configuration (max)	1
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

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 ENERGY STAR 8.0 TCO Certified 9.0 RoHS MIL-STD-810H ISV

Weight & dimensions

Width *	86 mm
Depth *	223 mm
Height *	202 mm
Weight *	3.6 kg

Packaging content

Mouse included	✔
Keyboard included	✔

Display

Display included *	✘

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