![Lenovo]

Lenovo ThinkCentre neo 50q Intel® Core™ i5 i5-13420H 16 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro Mini PC Nero

Marchio : Lenovo

Famiglia del prodotto: ThinkCentre

Codice prodotto: 12LN001XIX

Nome del prodotto : neo 50q

- Intel Core i5-13420H, 8C (4P + 4E)/12T, P-core 2.1/4.6GHz, E-core 1.5/3.4GHz, 12MB
- 1x 16GB SO-DIMM DDR4-3200
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- Intel UHD Graphics
- Windows 11 Pro
Intel Core i5-13420H, 8C (4P + 4E)/12T, P-core 2.1/4.6GHz, E-core 1.5/3.4GHz, 12MB, 1x 16GB SO-DIMM DDR4-3200, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, Intel UHD Graphics, Intel Wi-Fi 6 AX201 11ax 2x2 + BT5.1, Windows 11 Pro

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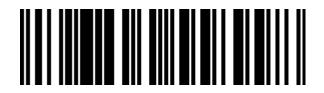
Ultracompatto ma potentissimo
- PC desktop piccolissimo con Windows 11 Pro
- Potente processore per dispositivi mobili fino Intel® Core™ i5 di tredicesima generazione
- Versatile e ad alta efficienza energetica, perfetto per gli ambienti domestici più angusti
- Storage su unità SSD velocissima e su unità disco fisso
- Sicuro a 360°, facilmente scalabile e resistente
- Ideale per startup o piccole e medie imprese

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	13th gen Intel® Core™ i5
Processor model *	i5-13420H
Processor cores	8
Processor threads	12
Processor boost frequency	4.6 GHz
Performance cores	4
Efficient cores	4
Performance-core Max Turbo Frequency	4.6 GHz
Efficient-core Max Turbo Frequency	3.4 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-down	35 W
Processor base power	45 W
Maximum turbo power	95 W

Neural processor unit (NPU)

Neural processor unit (NPU)	✗

Memory

Internal memory *	16 GB
Maximum internal memory *	32 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Memory clock speed	3200 MHz
Memory channels	Dual-channel

Ports & interfaces

Combo headphone/mic port	✔
Number of rear USB ports	4
Number of front USB ports	2

Design

Chassis type *	Mini PC
Colour name	Black
Volume	1 L
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black

Performance

Market positioning	Business
Motherboard chipset	Intel SoC
Audio chip	Realtek ALC256
Audio system	High Definition Audio
Built-in speaker(s)	✔
Number of speakers	1
Password protection	✔
Password protection type	BIOS, HDD, Supervisor
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Product type *	Mini PC

Software

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

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	✘
Intel® Optane™ Memory module installed	✘

Graphics

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

Network

Ethernet LAN *	✔
Ethernet LAN data rates	100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6 AX201
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.2
Bluetooth Low Energy (BLE)	✘

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
DVI port	✘
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Ethernet LAN (RJ-45) ports	1

Software

Operating system language	German, Dutch, English, French, Italian

Processor special features

Embedded options available	✘
Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
Intel Flex Memory Access	✔
CPU configuration (max)	1
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Power

Power supply *	65 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50 - 60 Hz

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)	20 - 90%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m

Certificates

Compliance certificates	RoHS
Certification	ENERGY STAR 8.0 EPEAT Gold ErP Lot 3 and Lot 7 TCO Certified 9.0 RoHS compliant

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Gold, ErP, TCO

Weight & dimensions

Width *	179 mm
Depth *	182.9 mm
Height *	36.5 mm
Weight *	1.11 kg
Package width	140 mm
Package depth	262 mm
Package height	500 mm
Package weight	5.18 kg

Packaging content

Display included *	✘
Mouse included	✔
Keyboard included	✔

Other features

TV tuner integrated	✘
Built-in microphone	✘
Warranty period	1 year(s)

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