



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

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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		Ports & interfaces	
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i5	Number of rear USB ports	4
Processor generation	13th gen Intel® Core™ i5	Number of front USB ports	2
Processor model *	i5-13420H	Design	
Processor cores	8	Chassis type *	Mini PC
Processor threads	12	Colour name	Black
Processor boost frequency	4.6 GHz	Volume	1 L
Performance cores	4	Cable lock slot	✓
Efficient cores	4	Cable lock slot type	Kensington
Performance-core Max Turbo Frequency	4.6 GHz	Product colour *	Black
Efficient-core Max Turbo Frequency	3.4 GHz	Performance	
Processor cache	12 MB	Market positioning	Business
Processor cache type	Smart Cache	Motherboard chipset	Intel SoC
Configurable TDP-down	35 W	Audio chip	Realtek ALC256
Processor base power	45 W	Audio system	High Definition Audio
Maximum turbo power	95 W	Built-in speaker(s)	✓
Neural processor unit (NPU)		Number of speakers	1
Neural processor unit (NPU)	✗	Password protection	✓
Memory		Password protection type	BIOS, HDD, Supervisor
Internal memory *	16 GB	Trusted Platform Module (TPM)	✓
Maximum internal memory *	32 GB	Trusted Platform Module (TPM) version	2.0
Internal memory type	DDR4-SDRAM	Product type *	Mini PC
Memory layout (slots x size)	1 x 16 GB	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Pro
Memory clock speed	3200 MHz	Operating system architecture	64-bit
Memory channels	Dual-channel		

Storage		Software	
Total storage capacity *	512 GB	Operating system language	German, Dutch, English, French, Italian
Storage media *	SSD	Processor special features	
Optical drive type *	✗	Embedded options available	✗
Number of storage drives installed	1	Intel VT-x with Extended Page Tables (EPT)	✓
Total SSDs capacity	512 GB	Execute Disable Bit	✓
Number of SSDs installed	1	Intel Flex Memory Access	✓
SSD capacity	512 GB	CPU configuration (max)	1
SSD interface	PCI Express 4.0	Intel Virtualization Technology for Directed I/O (VT-d)	✓
NVMe	✓	Intel Virtualization Technology (VT-x)	✓
SSD form factor	M.2	Power	
Card reader integrated	✗	Power supply *	65 W
Intel® Optane™ Memory module installed	✗	Power supply input voltage	100 - 240 V
Graphics		Power supply input frequency	50 - 60 Hz
Discrete graphics card *	✗	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	10 - 35 °C
Discrete graphics card model *	Not available	Storage temperature (T-T)	-40 - 60 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	20 - 80%
On-board graphics card family	Intel® UHD Graphics	Storage relative humidity (H-H)	20 - 90%
On-board graphics card model *	Intel® UHD Graphics	Operating altitude	-15.2 - 3048 m
Network		Non-operating altitude	-15.2 - 10668 m
Ethernet LAN *	✓	Certificates	
Ethernet LAN data rates	100,1000 Mbit/s	Compliance certificates	RoHS
Cabling technology	10/100/1000Base-T(X)	Certification	ENERGY STAR 8.0 EPEAT Gold ErP Lot 3 and Lot 7 TCO Certified 9.0 RoHS compliant
Wi-Fi *	✓	Sustainability	
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Sustainability certificates	ENERGY STAR, EPEAT Gold, ErP, TCO
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Weight & dimensions	
WLAN controller manufacturer	Intel	Width *	179 mm
WLAN controller model	Intel Wi-Fi 6 AX201	Depth *	182.9 mm
Antenna type	2x2	Height *	36.5 mm
Bluetooth	✓	Weight *	1.11 kg
Bluetooth version	5.2	Package width	140 mm
Bluetooth Low Energy (BLE)	✗	Package depth	262 mm
Ports & interfaces		Package height	500 mm
USB 2.0 ports quantity *	2	Package weight	5.18 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Packaging content	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Display included *	✗
DVI port	✗	Mouse included	✓
HDMI ports quantity *	1	Keyboard included	✓
HDMI version	2.1	Other features	
DisplayPorts quantity	1	TV tuner integrated	✗
DisplayPort version	1.4	Built-in microphone	✗
Ethernet LAN (RJ-45) ports	1	Warranty period	1 year(s)



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