



Lenovo neo 50a Intel® Core™ i7 i7-13700H 60,5 cm (23.8") 1920 x 1080 Pixel Touch screen PC All-in-one 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6 (802.11ax) Nero

Marchio : Lenovo

Codice prodotto: 12K9003SIX

Nome del prodotto : neo 50a

- Intel Core i7-13700H, 14C (6P + 8E)/20T, P-core 2.4/5.0GHz, E-core 1.8/3.7GHz, 24MB
- 23.8" FHD (1920x1080) IPS 250nits 72% NTSC Touch
- 1x 16GB SO-DIMM DDR5-5200
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- Intel Iris Xe Graphics Functions as UHD Graphics
- Windows 11 Pro

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Display		Network	
Display diagonal *	60.5 cm (23.8")	WLAN controller model	Intel Wi-Fi 6 AX201
Display resolution *	1920 x 1080 pixels	Antenna type	2x2
Touchscreen *	✓	Ethernet LAN *	✓
HD type *	Full HD	Ethernet LAN data rates	1000,100 Mbit/s
Native aspect ratio	16:9	Bluetooth *	✓
Display brightness	250 cd/m²	Bluetooth version	5.1
Panel type	IPS	Ports & interfaces	
RGB colour space	NTSC	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	USB 2.0 ports quantity *	1
Colour gamut	72%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Tilt adjustment	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Tilt angle range	-5 - 18°	USB 2.0 Type-C ports quantity	1
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Processor manufacturer *	Intel	HDMI ports quantity *	2
Processor family *	Intel® Core™ i7	Combo headphone/mic port	✓
Processor generation	13th gen Intel® Core™ i7	Design	
Processor model *	i7-13700H	Colour name	Raven black
Processor cores	14	Product colour *	Black
Processor boost frequency	5 GHz	Cable lock slot	✓
Performance cores	6	Cable lock slot type	Kensington
Efficient cores	8	VESA mounting	✓
Performance-core Max Turbo Frequency	5 GHz	Panel mounting interface	100 x 100 mm
Efficient-core Max Turbo Frequency	3.7 GHz	Performance	
Processor cache	24 MB	Product type *	All-in-One PC
Processor cache type	Smart Cache	Motherboard chipset	Intel SoC
Processor base power	45 W		
Maximum turbo power	115 W		

Memory		Performance	
Internal memory *	16 GB	Trusted Platform Module (TPM)	✓
Internal memory type	DDR5-SDRAM	Trusted Platform Module (TPM) version	2.0
Maximum internal memory *	16 GB	BIOS password	✓
Memory slots	2	HDD user password	✓
Memory slots type	SO-DIMM	Software	
Memory clock speed	5200 MHz	Operating system architecture	64-bit
Memory layout (slots x size)	1 x 16 GB	Operating system installed *	Windows 11 Pro
Memory form factor	DIMM/SO-DIMM	Operating system language	Dutch, English, Italian, French, German
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	180 W
Storage media *	SSD	AC adapter frequency	50/60 Hz
Number of storage drives installed	1	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	Weight & dimensions	
Number of SSDs installed	1	Width (with stand)	541 mm
SSD capacity	512 GB	Depth (with stand)	220 mm
SSD interface	PCI Express 4.0	Height (with stand)	482 mm
NVMe	✓	Weight (with stand)	7.64 kg
SSD form factor	M.2	Package width	658 mm
Optical drive type *	DVD±RW	Package depth	264 mm
Card reader integrated	✗	Package height	570 mm
Graphics		Package weight	11.8 kg
Discrete graphics card *	✗	Operational conditions	
Discrete graphics card model *	Not available	Operating temperature (T-T)	5 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-20 - 60 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	20 - 80%
On-board graphics card family	Intel Iris Xe Graphics	Storage relative humidity (H-H)	10 - 90%
On-board graphics card model *	Intel Iris Xe Graphics	Operating altitude	0 - 3048 m
Audio		Non-operating altitude	0 - 12192 m
Built-in speaker(s) *	✓	Certificates	
Number of speakers	2	Certification	TÜV Rheinland® Flicker Free TÜV Rheinland Low Blue Light TÜV Rheinland Ultra Low Noise
RMS rated power	6 W	Sustainability	
Speakers manufacturer	Harman Kardon	Sustainability certificates	ENERGY STAR, EPEAT Silver
Built-in microphone	✓	Packaging content	
Audio system	HD	Mouse included	✓
Camera		Mouse connectivity	Wireless
Built-in camera *	✓	Keyboard included	✓
Total megapixels	5 MP	Keyboard connectivity	Wireless
Network		Keyboard language	Italian
Wi-Fi *	✓	Technical details	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Box contents	USB-C to USB-A dongle
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
WLAN controller manufacturer	Intel		



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