

Lenovo

## Lenovo ThinkCentre neo 50a Intel® Core™ i7 i7-12700H 60.5 cm (23.8") 1920 x 1080 Pixeles PC todo en uno 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 5 (802.11ac) Negro

Marca : Lenovo

Familia de productos:  
ThinkCentre

Código del producto:  
12B6000LLS

Nombre del producto : neo  
50a

Lenovo ThinkCentre neo 50a. Tipo de producto: PC todo en uno. Diagonal de la pantalla: 60.5 cm (23.8"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Pixeles, Tipo de panel: IPS. Familia de procesador: Intel® Core™ i7. Memoria interna: 16 GB, Tipo de memoria interna: DDR5-SDRAM. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel Iris Xe Graphics. Cámara incorporada. Tipo de unidad óptica: DVD±RW. Sistema operativo instalado: Windows 11 Pro. Color del producto: Negro



intel



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Display		Ports & interfaces	
Display diagonal *	60.5 cm (23.8")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
HD type *	Full HD	HDMI ports quantity *	2
Native aspect ratio	16:9	Combo headphone/mic port	✓
Display brightness	250 cd/m <sup>2</sup>		
Panel type	IPS		
RGB colour space	NTSC		
Anti-glare screen	✓		
Colour gamut	72%		
Processor		Design	
Processor manufacturer *	Intel	Colour name	Raven black
Processor family *	Intel® Core™ i7	Product colour *	Black
Processor generation	12th gen Intel® Core™ i7	Cable lock slot	✓
Processor model *	i7-12700H	Cable lock slot type	Kensington
Processor cores	14		
Processor boost frequency	4.7 GHz		
Processor cache	24 MB		
Configurable TDP-down	35 W		
Memory		Performance	
Internal memory *	16 GB	Product type *	All-in-One PC
Internal memory type	DDR5-SDRAM	Motherboard chipset	Intel SoC
Maximum internal memory *	16 GB	Trusted Platform Module (TPM)	✓
Memory slots	2	BIOS password	✓
Memory slots type	SO-DIMM	HDD user password	✓
Memory clock speed	4800 MHz		
Memory form factor	DIMM/SO-DIMM		
		Software	
		Operating system architecture	64-bit
		Operating system installed *	Windows 11 Pro
		Operating system language	Spanish
		Recovery operating system	Windows 10 Pro
		Processor special features	
		Intel Flex Memory Access	✓
		Intel Trusted Execution Technology	✓

<b>Storage</b>		<b>Processor special features</b>	
Total storage capacity *	512 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage media *	SSD	Execute Disable Bit	✓
Number of storage drives installed	1	CPU configuration (max)	1
Total SSDs capacity	512 GB	Embedded options available	✗
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	512 GB	Intel Virtualization Technology (VT-x)	✓
SSD interface	PCI Express 3.0		
NVMe	✓		
Optical drive type *	DVD±RW		
Card reader integrated	✗		
<b>Graphics</b>		<b>Power</b>	
Discrete graphics card *	✗	AC adapter power	180 W
Discrete graphics card model *	Not available	AC adapter frequency	50 - 60 Hz
On-board graphics card *	✓	AC adapter input voltage	100 - 240 V
On-board GPU manufacturer	Intel		
On-board graphics card model *	Intel Iris Xe Graphics		
<b>Audio</b>		<b>Weight &amp; dimensions</b>	
Built-in speaker(s) *	✓	Width (with stand)	541 mm
Number of speakers	2	Depth (with stand)	209.9 mm
RMS rated power	6 W	Height (with stand)	433.7 mm
Built-in microphone	✓	Weight (with stand)	7.43 kg
Audio chip	Realtek ALC274-CG	Package width	695 mm
Audio system	HD	Package depth	196 mm
<b>Camera</b>		<b>Operational conditions</b>	
Built-in camera *	✓	Operating temperature (T-T)	5 - 35 °C
Total megapixels	5 MP	Storage temperature (T-T)	-20 - 60 °C
<b>Network</b>		Operating relative humidity (H-H)	20 - 80%
Wi-Fi *	✓	Storage relative humidity (H-H)	10 - 90%
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Operating altitude	0 - 3048 m
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Non-operating altitude	0 - 12192 m
WLAN controller manufacturer	Intel	<b>Certificates</b>	
WLAN controller model	Intel Wi-Fi 6 AX201	Certification	TÜV Rheinland® Flicker Free TÜV Rheinland Low Blue Light TÜV Rheinland Ultra Low Noise
Antenna type	2x2	<b>Sustainability</b>	
Ethernet LAN *	✓	Sustainability certificates	EPEAT Silver
Ethernet LAN data rates	1000,100 Mbit/s	<b>Packaging content</b>	
Bluetooth *	✓	Mouse included	✓
Bluetooth version	5.0	Keyboard included	✓
<b>Ports &amp; interfaces</b>		Keyboard language	Spanish
Ethernet LAN (RJ-45) ports	1		
USB 2.0 ports quantity *	1		

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