



**Lenovo ThinkCentre neo 50a Intel® Core™ i5 i5-12500H 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:**  
12B6000KLS

**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™ i5. 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 2 (3.1 Gen 2) Type-A ports quantity *	1
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Touchscreen *	✗	HDMI ports quantity *	2
HD type *	Full HD	Combo headphone/mic port	✓
Native aspect ratio	16:9	Design	
Display brightness	250 cd/m²	Colour name	Raven black
Panel type	IPS	Product colour *	Black
RGB colour space	NTSC	Cable lock slot	✓
Anti-glare screen	✓	Cable lock slot type	Kensington
Colour gamut	72%	VESA mounting	✓
Processor		Performance	
Processor manufacturer *	Intel	Product type *	All-in-One PC
Processor family *	Intel® Core™ i5	Motherboard chipset	Intel SoC
Processor generation	12th gen Intel® Core™ i5	Trusted Platform Module (TPM)	✓
Processor model *	i5-12500H	Trusted Platform Module (TPM) version	2.0
Processor cores	12	BIOS password	✓
Processor boost frequency	4.5 GHz	HDD user password	✓
Processor cache	18 MB	Software	
Configurable TDP-down	35 W	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	16 GB	Operating system language	Spanish
Internal memory type	DDR5-SDRAM	Recovery operating system	Windows 10 Pro
Maximum internal memory *	16 GB	Processor special features	
Memory slots	2	Intel Flex Memory Access	✓
Memory slots type	SO-DIMM		
Memory clock speed	4800 MHz		
Memory layout (slots x size)	1 x 16 GB		
Memory form factor	DIMM/SO-DIMM		

Storage		Processor special features	
Total storage capacity *	512 GB	Intel Trusted Execution Technology	✓
Storage media *	SSD	Intel VT-x with Extended Page Tables (EPT)	✓
Number of storage drives installed	1	Execute Disable Bit	✓
Total SSDs capacity	512 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express 3.0	Intel Virtualization Technology (VT-x)	✓
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	180 W
Optical drive type *	DVD±RW	AC adapter frequency	50/60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
Graphics		Weight & dimensions	
On-board graphics card *	✓	Width (with stand)	541 mm
On-board GPU manufacturer	Intel	Depth (with stand)	209.9 mm
On-board graphics card model *	Intel Iris Xe Graphics	Height (with stand)	433.7 mm
Audio		Weight (with stand)	7.43 kg
Built-in speaker(s) *	✓	Package width	695 mm
Number of speakers	2	Package depth	196 mm
RMS rated power	6 W	Package height	569 mm
Built-in microphone	✓	Package weight	9.69 kg
Audio chip	Realtek ALC274-CG	Operational conditions	
Audio system	HD	Operating temperature (T-T)	5 - 35 °C
Camera		Storage temperature (T-T)	-20 - 60 °C
Built-in camera *	✓	Operating relative humidity (H-H)	20 - 80%
Total megapixels	5 MP	Storage relative humidity (H-H)	10 - 90%
Network		Operating altitude	0 - 3048 m
Wi-Fi *	✓	Non-operating altitude	0 - 12192 m
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Certificates	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Certification	TÜV Rheinland® Flicker Free TÜV Rheinland Low Blue Light TÜV Rheinland Ultra Low Noise
WLAN controller manufacturer	Intel	Sustainability	
WLAN controller model	Intel Dual Band Wireless-AC 9560	Sustainability certificates	ENERGY STAR, EPEAT Silver
Antenna type	2x2	Packaging content	
Ethernet LAN *	✓	Mouse included	✓
Ethernet LAN data rates	100,1000 Mbit/s	Keyboard included	✓
Bluetooth *	✓	Keyboard language	Spanish
Bluetooth version	5.0		
Ports & interfaces			
Ethernet LAN (RJ-45) ports	1		
USB 2.0 ports quantity *	1		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		

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