

Lenovo

**Lenovo ThinkCentre M70a Intel® Core™ i7 i7-12700 54.6 cm (21.5") 1920 x 1080 Pixeles Pantalla táctil PC todo en uno 16 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6 (802.11ax) Negro**

Marca : Lenovo

Familia de productos:  
ThinkCentre

Código del producto:  
11VMS0ND00

Nombre del producto : M70a

Lenovo ThinkCentre M70a. Tipo de producto: PC todo en uno. Diagonal de la pantalla: 54.6 cm (21.5"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Pixeles, Pantalla táctil, Tipo de panel: IPS. Familia de procesador: Intel® Core™ i7. Memoria interna: 16 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD. 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 *	54.6 cm (21.5")	Ethernet LAN (RJ-45) ports	1
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Touchscreen *	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
HD type *	Full HD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Native aspect ratio	16:9	HDMI ports quantity *	1
Display brightness	250 cd/m²	DisplayPorts quantity	1
Panel type	IPS	Combo headphone/mic port	✓
RGB colour space	NTSC	Design	
Anti-glare screen	✓	Product colour *	Black
Colour gamut	72%	Cable lock slot	✓
Tilt angle range	-5 - 20°	Cable lock slot type	Kensington
Processor		VESA mounting	✓
Processor manufacturer *	Intel	Panel mounting interface	100 x 100 mm
Processor family *	Intel® Core™ i7	Performance	
Processor generation	12th generation Intel® Core™ i7	Product type *	All-in-One PC
Processor model *	i7-12700	Motherboard chipset	Intel Q670
Processor cores	12	Trusted Platform Module (TPM)	✓
Processor boost frequency	4.9 GHz	Trusted Platform Module (TPM) version	2.0
Processor cache	25 MB	BIOS password	✓
Processor cache type	Smart Cache	Software	
Bus type	DMI4	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	16 GB	Operating system language	Spanish
Internal memory type	DDR4-SDRAM	Recovery operating system	Windows 10 Pro
Maximum internal memory *	64 GB		
Memory slots	2		
Memory slots type	SO-DIMM		
Memory clock speed	3200 MHz		

Memory		Processor special features	
Memory layout (slots x size)	1 x 16 GB	Enhanced Intel SpeedStep Technology	✓
Memory form factor	DIMM/SO-DIMM	Intel Trusted Execution Technology	✓
Storage		Intel VT-x with Extended Page Tables (EPT)	✓
Total storage capacity *	512 GB	Intel Stable Image Platform Program (SIPP)	✓
Storage media *	SSD	Intel 64	✓
Number of storage drives installed	1	Execute Disable Bit	✓
Total SSDs capacity	512 GB	Idle States	✓
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	512 GB	Embedded options available	✗
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	
Optical drive type *	DVD±RW	AC adapter power	180 W
Card reader integrated	✓	AC adapter frequency	50 - 60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete graphics card *	✗	Weight & dimensions	
Discrete graphics card model *	Not available	Width (with stand)	489 mm
On-board graphics card *	✓	Depth (with stand)	217.3 mm
On-board GPU manufacturer	Intel	Height (with stand)	475 mm
On-board graphics card model *	Intel UHD Graphics 770	Weight (with stand)	7.68 kg
Audio		Operational conditions	
Built-in speaker(s) *	✓	Operating temperature (T-T)	5 - 35 °C
Number of speakers	2	Storage temperature (T-T)	-20 - 60 °C
RMS rated power	4 W	Operating relative humidity (H-H)	20 - 80%
Built-in microphone	✓	Operating altitude	0 - 3048 m
Audio system	HD	Non-operating altitude	0 - 12192 m
Camera		Certificates	
Built-in camera *	✓	Compliance certificates	RoHS
Total megapixels	5 MP	Certification	TÜV MIL-STD-810H
Privacy camera	✓	Sustainability	
Privacy type	Privacy shutter	Sustainability certificates	ENERGY STAR, EPEAT Gold, ErP, TCO
Network		Packaging content	
Wi-Fi *	✓	Mouse included	✓
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Keyboard included	✓
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Keyboard language	Spanish
WLAN controller manufacturer	Realtek		
WLAN controller model	Realtek RTL8852AE		
Antenna type	2x2		
Ethernet LAN *	✓		
Ethernet LAN data rates	1000,100 Mbit/s		
Bluetooth *	✓		
Bluetooth version	5.1		

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