



**Lenovo ThinkCentre M90a Pro Gen 4 Intel® Core™ i7 i7-13700
68.6 cm (27") 2560 x 1440 Pixeles PC todo en uno 16 GB DDR5-
SDRAM 1 TB SSD Windows 11 Pro Wi-Fi 6E (802.11ax) Negro**

Marca : Lenovo

Familia de productos:
ThinkCentre

Código del producto:
12JM000GSP

Nombre del producto : M90a
Pro Gen 4

Intel Core i7-13700, 16C (8P + 8E)/24T, Max Turbo up to 5.2GHz, P-core 2.1/5.1GHz, E-core 1.5/4.1GHz, 30MB, 1x 16GB SO-DIMM DDR5-5600, 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, 27" QHD (2560x1440) IPS 350nits 99% sRGB, Intel UHD Graphics 770, Intel Wi-Fi 6E AX211 11ax 2x2 + BT5.3 vPro, 5.0MP + IR Hybrid, Windows 11 Pro

[Lenovo ThinkCentre M90a Pro Gen 4 Intel® Core™ i7 i7-13700 68.6 cm \(27"\) 2560 x 1440 Pixeles PC todo en uno 16 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Wi-Fi 6E \(802.11ax\) Negro:](#)

La calidad de primer nivel y la potencia de la IA, de la mano

- PC todo en uno prémium de 68,58 cm (27"), ideal para empresas innovadoras
- Procesador Intel® Core™ de 13.ª generación y plataforma Intel vPro® Enterprise opcional
- Rendimiento excepcional, conectividad y funciones equipadas con inteligencia artificial
- Impresionante pantalla con certificación Eyesafe® y calibración del color
- Unidades de almacenamiento y tarjetas gráficas NVIDIA® opcionales
- Sólido, seguro y energéticamente eficiente, además de un packaging sostenible



Display		Network	
Display diagonal *	68.6 cm (27")	Wi-Fi *	✓
Display resolution *	2560 x 1440 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type *	Quad HD	WLAN controller manufacturer	Intel
Native aspect ratio	16:9	WLAN controller model	Intel Wi-Fi 6E AX211
Display brightness	350 cd/m²	Antenna type	2x2
Panel type	IPS	Ethernet LAN *	✓
RGB colour space	sRGB	Ethernet LAN data rates	100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth *	✓
Colour gamut	99%	Bluetooth version	5.3
Processor		Ports & interfaces	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor generation	13th gen Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor model *	i7-13700	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor cores	16	Intel® Thunderbolt 4	✓
Processor boost frequency	5.1 GHz	Thunderbolt 4 ports quantity	1
Processor frequency *	2.1 GHz	HDMI ports quantity *	1
Memory		DisplayPorts quantity	1
Internal memory *	16 GB	Combo headphone/mic port	✓
Internal memory type	DDR5-SDRAM	Design	
Maximum internal memory *	64 GB	Colour name	Black
Memory slots	2	Product colour *	Black
Memory slots type	SO-DIMM	Cable lock slot	✓
Memory clock speed	5600 MHz	Cable lock slot type	Kensington
Memory layout (slots x size)	1 x 16 GB		
Memory form factor	DIMM/SO-DIMM		

Storage		Performance	
Total storage capacity *	1 TB	Product type *	All-in-One PC
Storage media *	SSD	Motherboard chipset	Intel Q670
Total SSDs capacity	1 TB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	1 TB	Software	
SSD interface	PCI Express 4.0	Operating system architecture	64-bit
NVMe	✓	Operating system installed *	Windows 11 Pro
SSD form factor	M.2	Power	
Optical drive type *	DVD±RW	AC adapter power	230 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)	613.6 mm
On-board graphics card *	✓	Depth (with stand)	219.8 mm
On-board GPU manufacturer	Intel	Height (with stand)	411 mm
On-board graphics card family	Intel® UHD Graphics	Weight (with stand)	11.2 kg
On-board graphics card model *	Intel UHD Graphics 770	Certificates	
Audio		Compliance certificates	RoHS
Built-in speaker(s) *	✓	Sustainability	
Number of speakers	2	Sustainability certificates	ENERGY STAR, TCO, EPEAT Gold
RMS rated power	10 W	Packaging content	
Built-in microphone	✓	Mouse included	✓
Camera		Mouse connectivity	Wireless
Built-in camera *	✓	Keyboard included	✓
Total megapixels	5 MP	Keyboard connectivity	Wireless
Privacy camera	✓	Keyboard language	Spanish
Privacy type	Privacy shutter		



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