



Lenovo ThinkCentre M90q Gen 4 Intel® Core™ i7 i7-13700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Mini PC Negro

Marca : Lenovo

Familia de productos:
ThinkCentre

Código del producto:
12EH000ESP

Nombre del producto : M90q
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, 512GB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0, Intel UHD Graphics 770, Intel Wi-Fi 6E AX211 11ax 2x2 + BT5.1 vPro, Windows 11 Pro

Lenovo ThinkCentre M90q Gen 4 Intel® Core™ i7 i7-13700 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Mini PC Negro:

La flexibilidad y el rendimiento para llegar más lejos

- Excepcional sistema de sobremesa Tiny empresarial para aumentar la productividad
- Hasta Intel vPro® Enterprise con un potente procesador Intel® Core™ de 13.ª generación
- Más rendimiento, conectividad y funciones de inteligencia artificial
- Opciones flexibles de montaje y durabilidad para ir a cualquier parte
- Compatible hasta con cuatro pantallas independientes
- Seguridad completa integrada, incluida la BIOS con reparación automática
- Diseño con chasis de apertura sin herramientas, fácil de actualizar y mantener



intel



intel

Processor		Network	
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel® Core™ i7	Bluetooth version	5.1
Processor generation	13th gen Intel® Core™ i7	Ports & interfaces	
Processor model *	i7-13700	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Processor threads	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor boost frequency	5.2 GHz	HDMI ports quantity *	1
Performance cores	8	DisplayPorts quantity	2
Efficient cores	8	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5.1 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.1 GHz	Serial ports quantity	1
Performance-core base frequency	2.1 GHz	Design	
Efficient-core base frequency	1.5 GHz	Chassis type *	Mini PC
Processor cache	30 MB	Colour name	Black
Processor cache type	Smart Cache	Volume	1 L
Number of processors installed	1	Cable lock slot	✓
Processor base power	65 W	Cable lock slot type	Kensington
Maximum turbo power	219 W	Product colour *	Black
Memory		Performance	
Internal memory *	16 GB	Motherboard chipset	Intel Q670
Maximum internal memory *	64 GB	Audio system	High Definition Audio
Internal memory type	DDR5-SDRAM	Number of speakers	1
Memory layout (slots x size)	1 x 16 GB	Trusted Platform Module (TPM)	✓
Memory slots	2x SO-DIMM	Product type *	Mini PC
Memory clock speed	5600 MHz		
Storage			
Total storage capacity *	512 GB		

Storage		Software	
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Optical drive type *	✗	Operating system architecture	64-bit
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	Power supply *	230 W
SSD capacity	512 GB	Power supply input voltage	100 - 240 V
SSD interface	PCI Express 4.0	Power supply input frequency	50 - 60 Hz
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	5 - 35 °C
Card reader integrated	✗	Storage temperature (T-T)	-40 - 60 °C
Graphics		Operating relative humidity (H-H)	20 - 80%
Discrete graphics card *	✗	Storage relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Operating altitude	0 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	0 - 12192 m
On-board GPU manufacturer	Intel	Certificates	
On-board graphics card family	Intel® UHD Graphics	Compliance certificates	RoHS
On-board graphics card model *	Intel UHD Graphics 770	Sustainability	
Network		Sustainability certificates	ENERGY STAR, TCO, EPEAT Silver
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	100,1000 Mbit/s	Width *	179 mm
Wi-Fi *	✓	Depth *	182.9 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Height *	36.5 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Weight *	1.25 kg
WLAN controller manufacturer	Intel	Packaging content	
WLAN controller model	Intel Wi-Fi 6E AX211	Mouse included	✓
Antenna type	2x2	Keyboard included	✓
		Display	
		Display included *	✗



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