



**Lenovo ThinkCentre M70s Intel® Core™ i7 i7-13700 16 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro SFF PC Negro**

Marca : Lenovo

Familia de productos: ThinkCentre

Código del producto: 12DMS2EE00

Nombre del producto : M70s

Lenovo ThinkCentre M70s. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-13700. Memoria interna: 16 GB, Tipo de memoria interna: DDR4-SDRAM, Velocidad de memoria del reloj: 3200 MHz. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD, Lector de tarjeta integrado, Tipo de unidad óptica: DVD±RW. Modelo de gráficos en tarjeta: Intel UHD Graphics 770. Sistema operativo instalado: Windows 11 Pro. Fuente de alimentación: 260 W. Tipo de chasis: SFF. Tipo de producto: PC. Color del producto: Negro



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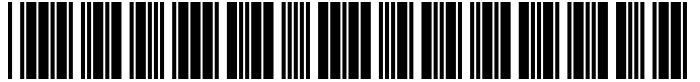
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Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor generation	13th gen Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor model *	i7-13700	VGA (D-Sub) ports quantity	1
Processor cores	16	HDMI ports quantity *	1
Processor threads	24	HDMI version	2.1
Processor boost frequency	5.2 GHz	DisplayPorts quantity	2
Performance cores	8	DisplayPort version	1.4a
Efficient cores	8	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5.1 GHz	Microphone in	✓
Efficient-core Max Turbo Frequency	4.1 GHz	Line-out	✓
Performance-core base frequency	2.1 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.5 GHz		
Processor cache	30 MB		
Processor cache type	Smart Cache		
Number of processors installed	1		
Processor base power	65 W		
Maximum turbo power	219 W		
Memory		Design	
Internal memory *	16 GB	Chassis type *	SFF
Maximum internal memory *	128 GB	Colour name	Black
Internal memory type	DDR4-SDRAM	Volume	8.2 L
Memory layout (slots x size)	1 x 16 GB	Placement supported	Vertical
Memory slots	4x DIMM	Cable lock slot	✓
Memory clock speed	3200 MHz	Cable lock slot type	Kensington
Memory channels	Dual-channel	Product colour *	Black
		Performance	
		Motherboard chipset	Intel Q670
		Audio chip	Realtek ALC897Q-CG
		Audio system	High Definition Audio
		Built-in speaker(s)	✓

Storage		Performance	
Total storage capacity *	512 GB	Number of speakers	1
Storage media *	SSD	Password protection	✓
Optical drive type *	DVD±RW	Password protection type	HDD, Power on, Supervisor
Number of storage drives installed	1	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Product type *	PC
Number of SSDs installed	1	Software	
SSD capacity	512 GB	Operating system installed *	Windows 11 Pro
SSD interface	PCI Express 4.0	Operating system language	Spanish
NVMe	✓	Power	
SSD form factor	M.2	Power supply *	260 W
Card reader integrated	✓	Power supply input voltage	100 - 240 V
Compatible memory cards	SD, SDHC, SDXC	Power supply input frequency	50 - 60 Hz
Graphics		Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	5 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 60 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	20 - 80%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	10 - 90%
On-board graphics card family	Intel® UHD Graphics	Operating altitude	0 - 3048 m
On-board graphics card model *	Intel UHD Graphics 770	Non-operating altitude	0 - 12192 m
Network		Certificates	
Ethernet LAN *	✓	Compliance certificates	RoHS
Ethernet LAN data rates	100,1000 Mbit/s	Certification	ENERGY STAR 8.0 EPEAT Silver Registered ErP Lot 3 RoHS compliant TCO Certified 9.0
Cabling technology	10/100/1000Base-T(X)	Sustainability	
Wi-Fi *	✓	Sustainability certificates	TCO
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Weight & dimensions	
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Width *	92.5 mm
WLAN controller manufacturer	Intel	Depth *	297.7 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Height *	339.5 mm
Antenna type	2x2	Weight *	5.3 kg
Bluetooth	✓	Packaging content	
Bluetooth version	5.1	Mouse included	✓
Ports & interfaces		Mouse connectivity	Wired
USB 2.0 ports quantity *	4	Keyboard included	✓
		Keyboard connectivity	Wired
		Display	
		Display included *	✗



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