

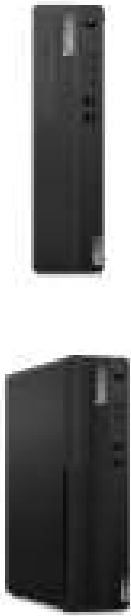


Lenovo ThinkCentre M70s Intel® Core™ i7 i7-13700 16 Go DDR5-SDRAM 512 Go SSD Windows 11 Pro SFF PC Noir

Marque : Lenovo **Famille de produit:** ThinkCentre **Code produit:** 12U8005NGE

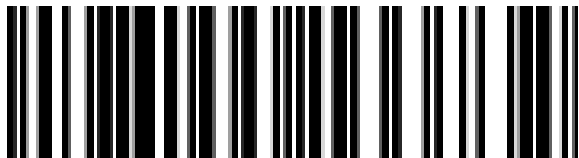
Nom du produit : M70s

Lenovo ThinkCentre M70s. Famille de processeur: Intel® Core™ i7, Modèle de processeur: i7-13700. Mémoire interne: 16 Go, Type de mémoire interne: DDR5-SDRAM, Fréquence de la mémoire: 5600 MHz. Capacité totale de stockage: 512 Go, Supports de stockage: SSD, Type de lecteur optique: DVD±RW. Modèle d'adaptateur graphique à bord: Intel UHD Graphics 770. Système d'exploitation installé: Windows 11 Pro, Architecture du système d'exploitation: 64-bit. Alimentation d'énergie: 260 W. Type de châssis: SFF. Type de produit: PC. Couleur du produit: Noir



Processor		Ports & interfaces	
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel® Core™ i7	DisplayPorts quantity	1
Processor generation	13th gen Intel® Core™ i7	DisplayPort version	1.4a
Processor model *	i7-13700	Ethernet LAN (RJ-45) ports	1
Processor cores	16	Microphone in	✓
Processor threads	24	Combo headphone/mic port	✓
Processor boost frequency	5.2 GHz	Design	
Performance cores	8	Chassis type *	SFF
Efficient cores	8	Colour name	Black
Performance-core Max Turbo Frequency	5.1 GHz	Volume	8.2 L
Efficient-core Max Turbo Frequency	4.1 GHz	Placement supported	Vertical
Performance-core base frequency	2.1 GHz	Cable lock slot	✓
Efficient-core base frequency	1.5 GHz	Cable lock slot type	Kensington
Processor cache	30 MB	Product colour *	Black
Processor cache type	Smart Cache	Performance	
Number of processors installed	1	Motherboard chipset	Intel Q670
Processor base power	65 W	Audio chip	Realtek ALC623-CG
Maximum turbo power	219 W	Audio system	High Definition Audio
Memory		Built-in speaker(s)	✓
Internal memory *	16 GB	Number of speakers	1
Maximum internal memory *	64 GB	Password protection	✓
Internal memory type	DDR5-SDRAM	Password protection type	BIOS, HDD, Power on, Supervisor
Memory layout (slots x size)	1 x 16 GB	Trusted Platform Module (TPM)	✓
Memory slots	2x DIMM	Trusted Platform Module (TPM) version	2.0
Memory clock speed	5600 MHz	Product type *	PC
Memory channels	Dual-channel		

Storage		Software	
Total storage capacity *	512 GB	Operating system installed *	Windows 11 Pro
Storage media *	SSD	Operating system architecture	64-bit
Optical drive type *	DVD±RW	Operating system language	German
Number of storage drives installed	1	Power	
Total SSDs capacity	512 GB	Power supply *	260 W
Number of SSDs installed	1	Power supply input voltage	100 - 240 V
SSD capacity	512 GB	Power supply input frequency	50/60 Hz
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	5 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 60 °C
Card reader integrated	✓	Operating relative humidity (H-H)	20 - 80%
Compatible memory cards	SD, SDHC, SDXC	Storage relative humidity (H-H)	10 - 90%
Graphics		Operating altitude	0 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	0 - 12192 m
On-board graphics card *	✓	Certificates	
Discrete graphics card model *	Not available	Compliance certificates	RoHS
On-board GPU manufacturer	Intel	Certification	ErP Lot 3 GREENGUARD RoHS compliant TCO Certified 9.0 MIL-STD-810H military test passed
On-board graphics card family	Intel® UHD Graphics	Sustainability	
On-board graphics card model *	Intel UHD Graphics 770	Sustainability certificates	ErP, TCO
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	92.5 mm
Ethernet LAN data rates	100,1000 Mbit/s	Depth *	297.7 mm
Cabling technology	10/100/1000Base-T(X)	Height *	339.5 mm
Wi-Fi *	✗	Weight *	5.3 kg
Bluetooth	✗	Package width	195 mm
Ports & interfaces		Package depth	395 mm
USB 2.0 ports quantity *	4	Package height	530 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Package weight	7.6 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Packaging content	
HDMI ports quantity *	1	Mouse included	✓
		Mouse connectivity	Wired
		Keyboard included	✓
		Keyboard connectivity	Wired
		Display	
		Display included *	✗



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Publication date: 21-MAR-2025. Prints or copies of Information are only valid on the printed Publication date