



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

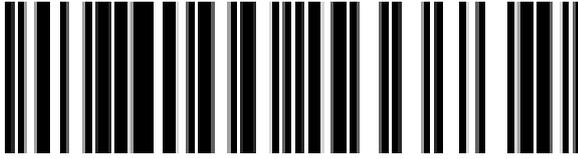
Nom du produit : M70s

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 | | |
| Performance cores | 8 | | |
| Efficient cores | 8 | | |
| Performance-core Max Turbo Frequency | 5.1 GHz | | |
| Efficient-core Max Turbo Frequency | 4.1 GHz | | |
| Performance-core base frequency | 2.1 GHz | | |
| 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 * | 64 GB | Colour name | Black |
| Internal memory type | DDR5-SDRAM | Volume | 8.2 L |
| Memory layout (slots x size) | 1 x 16 GB | Placement supported | Vertical |
| Memory slots | 2x DIMM | Cable lock slot | ✓ |
| Memory clock speed | 5600 MHz | Cable lock slot type | Kensington |
| Memory channels | Dual-channel | Product colour * | Black |
| | | | |
| | | Performance | |
| | | Motherboard chipset | Intel Q670 |
| | | Audio chip | Realtek ALC623-CG |
| | | Audio system | High Definition Audio |
| | | Built-in speaker(s) | ✓ |
| | | Number of speakers | 1 |
| | | Password protection | ✓ |
| | | Password protection type | BIOS, HDD, Power on, Supervisor |
| | | Trusted Platform Module (TPM) | ✓ |
| | | Trusted Platform Module (TPM) version | 2.0 |
| | | Product type * | PC |

| 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% |
| Operating altitude | | Operating altitude | 0 - 3048 m |
| Non-operating altitude | | Non-operating altitude | 0 - 12192 m |
| Graphics | | Certificates | |
| Discrete graphics card * | ✗ | Compliance certificates | RoHS |
| On-board graphics card * | ✓ | Certification | ErP Lot 3 GREENGUARD RoHS compliant TCO Certified 9.0 MIL-STD-810H military test passed |
| Discrete graphics card model * | Not available | Sustainability | |
| On-board GPU manufacturer | Intel | Sustainability certificates | ErP, TCO |
| On-board graphics card family | Intel® UHD Graphics | Weight & dimensions | |
| On-board graphics card model * | Intel UHD Graphics 770 | Width * | 92.5 mm |
| Network | | Depth * | 297.7 mm |
| Ethernet LAN * | ✓ | Height * | 339.5 mm |
| Ethernet LAN data rates | 100,1000 Mbit/s | Weight * | 5.3 kg |
| Cabling technology | 10/100/1000Base-T(X) | Package width | 195 mm |
| Wi-Fi * | ✗ | Package depth | 395 mm |
| Bluetooth | ✗ | Package height | 530 mm |
| Package weight | | Package weight | 7.6 kg |
| Ports & interfaces | | Packaging content | |
| USB 2.0 ports quantity * | 4 | Mouse included | ✓ |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Mouse connectivity | Wired |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 | Keyboard included | ✓ |
| HDMI ports quantity * | 1 | Keyboard connectivity | Wired |
| | | Display | |
| | | Display included * | ✗ |



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