Lenovo

Lenovo ThinkCentre M70t Intel® Core™ i7 i7-13700 8 GB DDR4-SDRAM 512 GB SSD Tower PC Black

Brand : Lenovo   **Product family:** ThinkCentre   **Article code:** 12DR0027GR

Product name : M70t

Lenovo ThinkCentre M70t. Processor family: Intel® Core™ i7, Processor model: i7-13700. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 3200 MHz. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Power supply: 260 W. Chassis type: Tower. Product type: PC. Weight: 5,9 kg. Product color: Black

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13700
Processor cores	16
Processor threads	24
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

Internal memory *	8 GB
Maximum internal memory *	128 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	1 x 8 GB
Memory slots	4x DIMM
Memory clock speed	3200 MHz
Memory channels	Dual-channel

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	2
DisplayPort version	1.4a
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Line-out	✔
Combo headphone/mic port	✔

Design

Chassis type *	Tower
Color name	Black
Volume	13,6 L
Placement supported	Vertical
Cable lock slot	✔
Cable lock slot type	Kensington
Product color *	Black

Performance

Motherboard chipset	Intel Q670
Audio chip	Realtek ALC897Q-CG
Audio system	High Definition Audio
Built-in speaker(s)	✔
Number of speakers	1
Password protection	✔
Password protection type	HDD, Power on, Supervisor
Trusted Platform Module (TPM)	✔

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✘
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Card reader integrated	✘

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel UHD Graphics 770

Network

Ethernet LAN *	✔
Ethernet LAN data rates	100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘
Bluetooth	✘

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1

Performance

Trusted Platform Module (TPM) version	2.0
Product type *	PC

Software

Operating system installed *	✘

Power

Power supply *	260 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50 - 60 Hz

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	-40 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	10 - 90%
Operating altitude	0 - 3048 m
Non-operating altitude	0 - 12192 m

Certificates

Compliance certificates	RoHS
Certification	ErP Lot 3 RoHS compliant TCO Certified 9.0 TÜV Rheinland Low Noise TÜV Rheinland Ultra Low Noise MIL-STD-810H

Sustainability

Sustainability certificates	TCO

Weight & dimensions

Width *	145 mm
Depth *	296 mm
Height *	346 mm
Weight *	5,9 kg

Packaging content

Mouse included	✔
Mouse connectivity	Wired
Keyboard included	✔
Keyboard connectivity	Wired

Display

Display included *	✘

0197532629677

197532629677

Catalog Object Cloud