Lenovo

Lenovo ThinkCentre M70q Intel® Core™ i7 i7-13700T 16 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro Mini PC musta

Tuotemerkki : Lenovo   **Tuoteperhe:** ThinkCentre   **Tuotekoodi:** 12E30045MX

Tuotteen nimi : M70q

Lenovo ThinkCentre M70q. Suoritinperhe: Intel® Core™ i7, Prosessorimalli: i7-13700T. Sisäinen muisti: 16 GB, Sisäisen muistin tyyppi: DDR4-SDRAM, Muistin kellotaajuus: 3200 MHz. Kokonaistallennuskapasiteetti: 512 GB, Tallennusmedia: SSD. Sisältyvän näytönohjaimen malli: Intel UHD Graphics 770. Käyttöjärjestelmä asennettu: Windows 11 Pro, Käyttöjärjestelmän arkkitehtuuri: 64-bittinen. Virtalähde: 135 W. Alustatyyppi: Mini PC. Tuotetyyppi: Mini PC. Paino: 1,25 kg. Tuotteen väri: musta

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13700T
Processor cores	16
Processor threads	24
Processor boost frequency	4.9 GHz
Performance cores	8
Efficient cores	8
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.6 GHz
Performance-core base frequency	1.4 GHz
Efficient-core base frequency	1 GHz
Processor cache	30 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor base power	35 W
Maximum turbo power	106 W

Memory

Internal memory *	16 GB
Maximum internal memory *	64 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Memory clock speed	3200 MHz
Memory channels	Dual-channel

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	2
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✔

Design

Chassis type *	Mini PC
Colour name	Raven black
Volume	1 L
Placement supported	Horizontal/Vertical
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black

Performance

Motherboard chipset	Intel Q670
Audio chip	Realtek ALC256-VB
Audio system	High Definition Audio
Built-in speaker(s)	✔
Number of speakers	1
Password protection	✔
Password protection type	BIOS, Power on, Supervisor, HDD
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✘
Number of storage drives installed	1
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	1000,100 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.1
Wake-on-LAN ready	✔

Ports & interfaces

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

Performance

Product type *	Mini PC

Software

Operating system installed *	Windows 11 Pro
Operating system architecture	64-bit
Operating system language	English, Swedish, Finnish, Danish, Norwegian

Power

Power supply *	135 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	MIL-STD-810H

Sustainability

Sustainability certificates	TCO, ENERGY STAR, ErP

Weight & dimensions

Width *	179 mm
Depth *	182.9 mm
Height *	36.5 mm
Weight *	1.25 kg
Package width	490 mm
Package depth	268 mm
Package height	166 mm
Package weight	2.85 kg

Packaging content

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

Display

Display included *	✘

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Publication date: 30-MAR-2025. Prints or copies of Information are only valid on the printed Publication date