

# Lenovo ThinkCentre M70q

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Lenovo	

## **Compact yet full of possibilities**

The ThinkCentre M70q Gen 3 Tiny (Intel) is full of enterprise-grade level power, speed, and potential. Thanks to Intel® vPro® with 12th Gen Intel® Core™ processors, this compact PC gives you high performance in the smallest of workspaces. It comes with various storage options and dual rear expansion slots to extend your port options.

## **Safeguard your data, ideas, & business**

Every ThinkCentre has the added protection of ThinkShield—Lenovo's comprehensive, end-to-end security solution, combining industry-leading hardware, software, and services. The ThinkCentre M70q Gen 3 Tiny also has customizable security features, including BIOS-based Smart USB Protection, a secure hardware-based crypto-processor, and a cable lock slot to help thwart theft.

## **Easy to deploy, upgrade, & manage**

A breeze to set up and run, this desktop PC has built-in drivers to support various operating systems. As your business needs grow, the storage and memory can be expanded easily without using a screwdriver. It also has a host of ports and connectivity options, enabling you to connect all manner of devices, from industry-specific equipment to legacy peripherals.

## **Totally versatile, totally practical**

With its sleek form, the ThinkCentre M70q Gen 3 Tiny is ideal for any modern workspace, whether it's in an office, healthcare, or retail environment. It can also live anywhere—on a desk or ThinkCentre Vertical Stand, up on a wall, or bundled with a Tiny-in-One (TIO). You can also connect up to four monitors and turn on the PC with a simple keyboard shortcut.

## **Durability & reliability you can trust**

The ThinkCentre M70q Gen 3 Tiny is tested against the US Department of Defense's MIL-STD 810H standards, including more than 200 quality checks to ensure it can run in extreme conditions. This includes harsh environments like the Arctic wilderness and desert dust storms, plus stringent tests for temperature, pressure, humidity, vibration, and more.

## **Sustainable engineering at its best**

The ThinkCentre M70q Gen 3 Tiny meets various global standards for energy-efficiency, health & safety, and sustainability. This includes ENERGY STAR® 8.0, EPEAT® Gold, and is low-noise certified by TÜV Rheinland. It also has the option of a ThinkCentre Tiny Dust Shield, an easy to remove, wash, and replace nylon mesh sheet to stop dust and dirt from getting inside your PC.

## **Zusammenfassung**

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### **Compact yet full of possibilities**

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Lenovo ThinkCentre M70q, Intel® Core™ i5, i5-12400T, 8 GB, DDR4-SDRAM, 256 GB, SSD

Lenovo ThinkCentre M70q. Processor family: Intel® Core™ i5, Processor model: i5-12400T. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 3200 MHz. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 730. Wi-Fi. Power supply: 90 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 1.25 kg. Product colour: Black

## Merkmale

### Certificates

Certification	ErP Lot 3, MIL-STD-810H
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### Power

Power supply	90 W
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### Software

Operating system installed	No
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### Sustainability

Sustainability certificates	ENERGY STAR, RoHS, TCO
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### Packaging content

Display included	No
Mouse included	Yes
Keyboard included	Yes

### 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	141 mm
Package weight	2.85 kg

### Performance

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

### Design

Chassis type	Mini PC
Colour name	Raven black

## Graphics

Discrete graphics card	No
On-board graphics card	Yes
Discrete graphics card model	Not available
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model	Intel UHD Graphics 730

## Operational conditions

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

## Memory

Internal memory	8 GB
Maximum internal memory	64 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x SO-DIMM
Memory clock speed	3200 MHz
Memory channels	Dual-channel

Volume	1 L
Placement supported	Horizontal/Vertical
VESA mounting	Yes
Number of 2.5" bays	1
Cable lock slot	Yes
Cable lock slot type	Kensington
Product colour	Black
Viewing window	No

## Storage

Card reader integrated	No
Total storage capacity	256 GB
Storage media	SSD
Optical drive type	No
Number of storage drives installed	1
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
SSD interface	PCI Express 4.0
NVMe	Yes
SSD form factor	M.2

## Ports & interfaces

USB 2.0 ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-1 A ports quantity	
USB 3.2 Gen 1 (3.1 Gen 1) Type-1 C ports quantity	
USB 3.2 Gen 2 (3.1 Gen 2) Type-4 A ports quantity	
VGA (D-Sub) ports quantity	1
HDMI ports quantity	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	Yes
Serial ports quantity	1

## Network

Ethernet LAN	Yes
Ethernet LAN data rates	100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
LAN controller	Intel® I219-LM
Wi-Fi	Yes
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6 AX201
Antenna type	2x2
Bluetooth	Yes
Bluetooth version	5.1
Wake-on-LAN ready	Yes

## Processor

Processor manufacturer	Intel
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Processor family	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model	i5-12400T
Processor cores	6
Performance cores	6
Performance-core base frequency	1.8 GHz
Performance-core Max Turbo Frequency	4.2 GHz
Processor boost frequency	4.2 GHz
Processor cache	18 MB
Processor cache type	Smart Cache
Processor threads	12
Processor base power	35 W
Maximum turbo power	74 W

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.