Lenovo ThinkCentre M70q Gen 5 12TD(12TD000HMB)

Lenovo ThinkCentre M70q Gen 5 12TD - Tiny Core i7 i7-14700T / up to 5 GHz - vPro Enterprise - RAM 16 GB - SSD 512 GB - TCG Opal Encryption, NVMe - UHD Graphics 770 - Gigabit Ethernet, IEEE 802.11ax (Wi-Fi 6E), Bluetooth 5.3 - Win 11 Pro - monitor: none - keyboard: Belgium - raven black - TopSeller - with 3 Years Lenovo Onsite Support

The Lenovo ThinkCentre M70q Gen 5 redefines efficiency and security in a compact package. Designed to fit into the smallest of workspaces, this ultraslim form factor PC doesn't compromise on performance or connectivity. At its heart lies a powerful 20-core Intel Core i7 processor, capable of reaching turbo speeds up to 5.2 GHz, while the dual-channel DDR5 SDRAM ensures smooth multitasking. Security is paramount, with features like a chassis intrusion switch and a Discrete TPM 2.0 chip safeguarding your data.

Connectivity is a breeze, thanks to a variety of ports including USB 3.2 Gen 2, USB-C, and DisplayPort 1.4a, alongside Intel Wi-Fi 6E for fast and reliable wireless connections. Despite its power, the M70q Gen 5 is committed to environmental sustainability, boasting ENERGY STAR 8.0 certification and an EPEAT Silver rating. Whether for work or play, this PC is designed to meet the demands of modern professionals and enthusiasts alike.

Key Selling Points

Ultraslim form factor for space-saving deployment
20-core Intel Core i7 processor for high-end performance
Supports up to 3 monitors with Intel UHD Graphics 770
Comprehensive connectivity with USB 3.2, USB-C, and Wi-Fi 6E
ENERGY STAR 8.0 and EPEAT Silver for energy efficiency

Product Features

Compact and secure
The Lenovo ThinkCentre M70q Gen 5 boasts an ultraslim form factor, making it an ideal choice for spaces where every square inch counts. Equipped with a chassis intrusion switch and a Discrete Trusted Platform Module (TPM 2.0) security chip, it ensures your data is protected from both physical and digital intrusions.

High performance
Powered by a 20-core Intel Core i7-14700T processor with speeds up to 5.2 GHz and supported by dual-channel DDR5 SDRAM, this machine delivers exceptional performance for multitasking and demanding applications.

Advanced connectivity
Featuring a comprehensive suite of connectivity options including USB 3.2 Gen 2, USB-C 3.2 Gen 1, DisplayPort 1.4a, HDMI, and Intel Wi-Fi 6E AX 211, the M70q Gen 5 ensures fast and versatile connections to all your peripherals and networks.

Energy efficient
ENERGY STAR 8.0 certified and EPEAT Silver rated, the Lenovo ThinkCentre M70q Gen 5 is designed to reduce your carbon footprint while delivering the performance you need.

Enhanced visuals
Though it comes without a monitor, the Intel UHD Graphics 770 supports up to 3 monitors, enabling a multi-display setup for increased productivity and immersive entertainment experiences.

Main Specifications

Product Description	Lenovo ThinkCentre M70q Gen 5 - tiny Core i7 i7-14700T 1.3 GHz - vPro Enterprise - 16 GB - SSD 512 GB - Belgium
Type	Personal computer - tiny
Bundled Services	3 Years Lenovo Onsite Support
Platform Technology	Intel vPro Enterprise
Localisation	Language: English, French, German, Dutch / region: Belgium
Processor	Intel Core i7 (14th Gen) i7-14700T / 1.3 GHz (up to 5 GHz, (20-core)
Cache Memory	33 MB
Cache Per Processor	33 MB
RAM	16 GB (installed) / 64 GB (max) - DDR5 SDRAM

Hard Drive	SSD 512 GB - PCI Express 4.0 x4 - M.2 2280 - TCG Opal Encryption, NVM Express (NVMe)
Optical Storage	No optical drive
Graphics Controller	Intel UHD Graphics 770 Shared Video Memory (UMA)
Networking	1GbE, 802.11a, Wi-Fi 5, Wi-Fi 6E, 802.11b/g/n, Bluetooth 5.3
Keyboard	Belgium
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Colour	Raven black
Dimensions (WxDxH)	17.9 cm x 18.29 cm x 3.65 cm
Weight	1.25 kg
Manufacturer Selling Program	TopSeller
Environmental Standards	ENERGY STAR Qualified EPEAT Silver
Carbon Footprint	253 kg carbon emissions
Manufacturer Warranty	Base warranty - 1 year - on-site ¦ Extended warranty - 3 years - on-site

Extended Specification

General

Platform Technology	Intel vPro Enterprise
Type	Personal computer
Bundled Services	3 Years Lenovo Onsite Support
Product Form Factor	Tiny
Built-in Devices	Speaker
Embedded Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip
Colour	Raven black
Localisation	Language: English, French, German, Dutch / region: Belgium

Expansion / Connectivity

Slots	1 (total) / 0 (free) x M.2 Card (for WLAN) ¦ 2 (total) / 1 (free) x M.2 Card (for SSD)
Interfaces	3 x USB 3.2 Gen 2 (1 front, 3 rear) ¦ 1 x USB 3.2 Gen 2 (1 in front) (Always On, fast-charging (5V, 2.1A)) ¦ 1 x USB-C 3.2 Gen 1 (1 in front) (data transfer, 5V 0.9A charging) ¦ 1 x headphones/microphone (1 in front) ¦ 1 x USB 2.0 (1 rear) ¦ 1 x USB 3.2 Gen 1 (1 rear) ¦ 1 x DisplayPort 1.4a ¦ 1 x HDMI ¦ 1 x LAN (Gigabit Ethernet) (1 rear)

Manufacturer Warranty

Service & Support	Base warranty - 1 year - on-site ¦ Extended warranty - 3 years - on-site

RAM

Installed Size	16 GB (installed) / 64 GB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	5600 MHz
Rated Memory Speed	5600 MHz
Form Factor	SO-DIMM 262-pin
Slots	2 (Total) / 1 (empty)
Features	Dual channel memory architecture
Configuration Features	1 x 16 GB

Networking

Interface (Bus) Type	M.2 Card
Ethernet Controller	Intel I219-LM

Wireless LAN Supported	Yes
Wireless NIC	Intel Wi-Fi 6E AX 211
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6E), IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, Bluetooth 5.3
Features	Wake on LAN (WoL), dual stream (2x2)

Miscellaneous

Included Accessories	VESA mounting kit
Theft/Intrusion Protection	Security lock slot (cable lock sold separately), chassis intrusion switch, tool-less chassis access
Security Slot Type	Kensington security slot
Compliant Standards	RoHS, Energy-Related Products (ErP) Lot 3, Energy-Related Products (ErP) Lot 7, TCG Certified
Manufacturer Selling Program	TopSeller

Power

Device Type	Power adapter
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	135 Watt
Efficiency	89%

Environmental Parameters

Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Humidity Range Operating	20 - 80%

Cache Memory

Installed Size	33 MB
Cache Per Processor	33 MB

Optical Storage

Type	No optical drive

Operating System / Software

OS Provided	Windows 11 Pro Dutch / English / French / German

Monitor

Monitor Type	None.

Graphics Controller

Graphics Processor	Intel UHD Graphics 770 Shared Video Memory (UMA)
Video Interfaces	HDMI, DisplayPort
Max Monitors Supported	3

Audio Output

Compliant Standards	High Definition Audio

Hard Drive

Type	SSD - M.2 2280
Capacity	1 x 512 GB
Interface Type	PCI Express 4.0 x4
Features	TCG Opal Encryption, NVM Express (NVMe)

Input Device

Type	Mouse, keyboard

Dimensions & Weight

Width	17.9 cm
Depth	18.29 cm
Height	3.65 cm
Weight	1.25 kg

Dimensions & Weight (Shipping)

Shipping Width	49 cm
Shipping Depth	25 cm
Shipping Height	12.8 cm
Shipping Weight	3.2 kg

Keyboard

Keyboard Name	Lenovo Traditional Keyboard
Interface	USB
Localization & Layout	Belgium

Mouse

Mouse Name	Lenovo Calliope Mouse
Interface	USB

Processor / Chipset

CPU	Intel Core i7 (14th Gen) i7-14700T
Clock Speed	1.3 GHz (P-core) / 900 MHz (E-core)
Max Turbo Speed	5 GHz (P-core) / 3.7 GHz (E-core)
Number of Cores	20-core
CPU Qty	1
Max CPU Qty	1
Chipset Type	Intel Q670

Sustainability Information

EPEAT Compliant	EPEAT Silver
ENERGY STAR Certified	Yes
ENERGY STAR Version	8.0
Carbon Footprint	253 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	50
PAIA Version	1.4.0