

Lenovo ThinkCentre M70s Gen 5 12U8(12U80004MB)

Lenovo ThinkCentre M70s Gen 5 12U8 - SFF Core i5 i5-14400 / up to 4.7 GHz - RAM 16 GB - SSD 512 GB - TCG Opal Encryption 2, NVMe - UHD Graphics 730 - Gigabit Ethernet - Win 11 Pro - monitor: none - keyboard: Belgium - black - TopSeller - with 3 Years Lenovo Onsite Support + 1 Year Lenovo Premier Support



The Lenovo ThinkCentre M70s Gen 5 is designed to deliver both performance and security in a compact form factor. At its heart lies a 10-core Intel Core i5 processor, complemented by 16 GB of DDR5 RAM, making it capable of handling demanding applications and multitasking with ease. The 512 GB SSD, leveraging NVMe technology and PCI Express 4.0, offers ample storage with enhanced data protection through TCG Opal Encryption 2.

Connectivity is a strong suit of this model, featuring a versatile array of ports including USB-C 3.2 Gen 1 for fast data transfer and charging, multiple USB 3.2 Gen 1 ports, and video outputs like HDMI and DisplayPort 1.4a for connecting various displays. The inclusion of a Gigabit Ethernet controller ensures reliable network connections, essential for today's interconnected work environments.

Designed with the future in mind, the Lenovo ThinkCentre M70s Gen 5 adheres to several environmental and security standards, making it a smart choice for eco-conscious businesses and professionals. Its small form factor does not compromise on security, offering features like a discrete TPM 2.0 chip, chassis intrusion switch, and a Kensington security slot to safeguard physical and digital assets.

Key Selling Points

- 10-core Intel Core i5-14400 processor for robust performance
- 16 GB of DDR5 RAM with dual-channel memory architecture
- 512 GB NVMe SSD for fast storage and TCG Opal Encryption 2 for security
- Comprehensive connectivity with USB-C, USB 3.2, HDMI, and DisplayPort 1.4a
- Energy-efficient with a 90% power supply efficiency and eco-friendly certifications

Product Features

Robust performance

Equipped with a 10-core Intel Core i5-14400 processor and 16 GB of DDR5 RAM, this Lenovo ThinkCentre M70s Gen 5 offers efficiency and power. Its dual-channel memory architecture ensures smooth multitasking and fast access to frequently used files and programs.

Advanced storage solutions

Featuring a 512 GB SSD with PCI Express 4.0 x4 interface and NVMe technology, this system provides rapid boot times and quick data access. The inclusion of TCG Opal Encryption 2 enhances data security, making it suitable for professionals concerned with protecting sensitive information.

Comprehensive connectivity

This model boasts a wide range of connectivity options, including USB-C 3.2 Gen 1 for data transfer and 15 W charging, multiple USB 3.2 Gen 1 ports for high-speed peripherals, and HDMI and DisplayPort 1.4a for multi-display setups. Gigabit Ethernet and Intel I219-LM controller facilitate seamless network connections.

Compact and secure design

The small form factor is not only space-saving but also packed with security features like a discrete TPM 2.0 chip, chassis intrusion switch, and a Kensington security slot. Its design is compliant with several environmental and security standards, including Energy-Related Products (ErP) Lot 3, FIPS 140-2, and TCO certified 9.0.

Eco-friendly choice

With a carbon footprint of 537 kg CO₂e and compliance with standards like GREENGUARD and RoHS, the Lenovo ThinkCentre M70s Gen 5 is an environmentally responsible choice for your computing needs.

Main Specifications

Product Description	Lenovo ThinkCentre M70s Gen 5 - SFF Core i5 i5-14400 2.5 GHz - 16 GB - SSD 512 GB - Belgium
Type	Personal computer - SFF
Bundled Services	3 Years Lenovo Onsite Support + 1 Year Lenovo Premier Support

Localisation	Language: English, French, German, Dutch / region: Belgium
Processor	Intel Core i5 (14th Gen) i5-14400 / 2.5 GHz (up to 4.7 GHz, (10-core)
Cache Memory	20 MB
Cache Per Processor	20 MB
RAM	16 GB (installed) / 64 GB (max) - DDR5 SDRAM
Storage Controller	SATA (SATA 6Gb/s)
Hard Drive	SSD 512 GB - PCI Express 4.0 x4 - M.2 2280 - TCG Opal Encryption 2, NVMe Express (NVMe)
Optical Storage	No optical drive
Card Reader	3 in 1
Graphics Controller	Intel UHD Graphics 730 Shared Video Memory (UMA)
Networking	1GbE
Keyboard	Belgium
Power	(50/60 Hz)
OS Provided	Windows 11 Pro
Colour	Black
Dimensions (WxDxH)	9.25 cm x 29.77 cm x 33.95 cm
Weight	5.3 kg
Manufacturer Selling Program	TopSeller
Carbon Footprint	537 kg carbon emissions
Manufacturer Warranty	Base warranty - 1 year - on-site † Extended warranty - 3 years - on-site † Extended warranty - 1 year - on-site - response time: next business day

Extended Specification

General

Type	Personal computer
Bundled Services	3 Years Lenovo Onsite Support + 1 Year Lenovo Premier Support
Product Form Factor	SFF
Built-in Devices	Speaker
Embedded Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip
Colour	Black
Localisation	Language: English, French, German, Dutch / region: Belgium

Expansion / Connectivity

Bays	1 (total) / 1 (free) x external 5.25" Slim Line † 1 (total) / 1 (free) x internal 3.5"
Slots	1 (total) / 1 (free) x PCIe 3.0 x16 - low-profile † 1 (total) / 1 (free) x PCIe 3.0 x1 (low-profile) † 1 (total) / 1 (free) x M.2 Card (for WLAN) † 1 (total) / 0 (free) x M.2 Card (for SSD)
Interfaces	1 x USB-C 3.2 Gen 1 (1 in front) (data transfer, 15W charging) † 4 x USB 3.2 Gen 1 (4 in front) † 4 x USB 2.0 (4 rear) † 1 x headphones/microphone (1 in front) † 1 x microphone (1 in front) † 1 x LAN (Gigabit Ethernet) † 1 x HDMI † 1 x DisplayPort 1.4a

Manufacturer Warranty

Service & Support	Base warranty - 1 year - on-site † Extended warranty - 3 years - on-site † Extended warranty - 1 year - on-site - response time: next business day
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RAM

Installed Size	16 GB (installed) / 64 GB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	2400 MHz
Rated Memory Speed	2800 MHz

Form Factor	DIMM 288-pin
Slots	2 (Total) / 1 (empty)
Features	Unbuffered, dual channel memory architecture
Configuration Features	1 x 16 GB

Networking

Ethernet Controller	Intel I219-LM
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Features	Wake on LAN (WoL)

Miscellaneous

Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock loop, chassis intrusion switch
Security Slot Type	Kensington security slot
Compliant Standards	RoHS, GREENGUARD, TCO Certified 9.0, Energy-Related Products (ErP) Lot 3, FIPS 140-2, TCG Certified
Manufacturer Selling Program	TopSeller

Power

Device Type	Power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	260 Watt
Efficiency	90%

Environmental Parameters

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

Storage Controller

Type	1 x SATA
Controller Interface Type	SATA 6Gb/s

Cache Memory

Installed Size	20 MB
Cache Per Processor	20 MB

Optical Storage

Type	No optical drive
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Operating System / Software

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

Monitor Type	None.
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Graphics Controller

Graphics Processor	Intel UHD Graphics 730 Shared Video Memory (UMA)
Video Interfaces	HDMI, DisplayPort

Audio Output

Compliant Standards	High Definition Audio
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Hard Drive

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

Input Device

Type	Mouse, keyboard
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Dimensions & Weight

Width	9.25 cm
Depth	29.77 cm
Height	33.95 cm
Weight	5.3 kg

Dimensions & Weight (Shipping)

Shipping Width	19.5 cm
Shipping Depth	39.5 cm
Shipping Height	53 cm
Shipping Weight	7.6 kg

Keyboard

Keyboard Name	Lenovo Traditional Keyboard
Interface	USB
Localization & Layout	Belgium

Card Reader

Type	3 in 1 card reader
Supported Flash Memory Cards	SD Memory Card, SDHC Memory Card, SDXC Memory Card

Mouse

Mouse Name	Lenovo Calliope Mouse
Interface	USB

Processor / Chipset

CPU	Intel Core i5 (14th Gen) i5-14400
Clock Speed	2.5 GHz (P-core) / 1.8 GHz (E-core)
Max Turbo Speed	4.7 GHz (P-core) / 3.5 GHz (E-core)
Number of Cores	10-core
CPU Qty	1
Max CPU Qty	1
Chipset Type	Intel Q670

Sustainability Information

Carbon Footprint	537 kg carbon emissions
Total CF/unit Standard Deviation (kg CO2e)	129
PAIA Version	1.4.0