

Lenovo ThinkCentre M90s Gen 4 - SFF - Core i7 13700 2.1 GHz - vPro Enterprise - 32 GB - SSD 1 TB - Nordic (Danish/Finnish/Norwegian/Swedish)



In Stock(39)

SKU	12HQ000EMX
Product Description:	Lenovo ThinkCentre M90s Gen 4 - SFF - Core i7 13700 2.1 GHz - vPro Enterprise - 32 GB - SSD 1 TB - Nordic (Danish/Finnish/Norwegian/Swedish)
Type:	Personal computer - small form factor
Bundled Services:	3 Years Lenovo Premier Support, CO2 Offset 1 ton
Platform Technology:	Intel vPro Enterprise
Localisation:	Language: English, Nordic / region: Denmark, Finland, Norway, Sweden
Processor:	Intel Core i7 (13th Gen) 13700 / 2.1 GHz (, up to 5.2 GHz, (16-core)
Cache Memory:	30 MB

General

Platform Technology:	Intel vPro Enterprise
Type:	Personal computer
Bundled Services:	3 Years Lenovo Premier Support, CO2 Offset 1 ton
Product Form Factor:	Small form factor
Built-in Devices:	Speaker
Embedded Security:	Discrete Trusted Platform Module (TPM 2.0) Security Chip
Colour:	Black
Localisation:	Language: English, Nordic / region: Denmark, Finland, Norway, Sweden

Processor / Chipset

CPU:	Intel Core i7 (13th Gen) 13700
Clock Speed:	2.1 GHz (P-core) / 1.5 GHz (E-core)
Max Turbo Speed:	5.2 GHz (P-core) / 4.1 GHz (E-core)
Number of Cores:	16-core

Environmental Parameters

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

Dimensions & Weight (Shipping)

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

Dimensions & Weight

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

Manufacturer Warranty

Processor / Chipset

CPU Qty:	1
Max CPU Qty:	1
Chipset Type:	Intel Q670

Cache Memory

Installed Size:	30 MB
Cache Per Processor:	30 MB

RAM

Installed Size:	32 GB / 128 GB (max)
Technology:	DDR5 SDRAM
Effective Memory Speed:	4400 MHz
Rated Memory Speed:	5600 MHz
Form Factor:	DIMM 288-pin
Slots:	4 (Total) / 2 (empty)
Features:	Unbuffered, dual channel memory architecture
Configuration Features:	2 x 16 GB

Hard Drive

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

Storage Controller

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

Optical Storage

Type:	No optical drive
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Card Reader

Manufacturer Warranty

Service & Support:	Base warranty - 3 years - on-site ; Extended warranty - 3 years - on-site - response time: next business day
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Sustainability Information

EPEAT Compliant:	EPEAT Silver
ENERGY STAR Certified:	Yes
ENERGY STAR Version:	8.0

Operating System / Software

OS Provided:	Windows 11 Pro Danish / English / Finnish / Norwegian / Swedish
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Power

Device Type:	Power supply
Voltage Required:	AC 100-240 V (50/60 Hz)
Power Provided:	310 Watt
Efficiency:	92%

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, Energy-Related Products (ErP) Lot 3, TCG Certified, TCO Certified 9.0
Manufacturer Selling Program:	TopSeller

Expansion / Connectivity

Bays:	1 (total) / 1 (free) x external 5.25" Slim Line ; 1 (total) / 1 (free) x internal 3.5" ; 1 (total) / 1 (free) x internal 2.5"
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Card Reader

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

Monitor

Monitor Type:	None.
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Graphics Controller

Graphics Processor:	Intel UHD Graphics 770 Shared Video Memory (UMA)
Video Interfaces:	HDMI, DisplayPort

Max Monitors Supported:	3
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Audio Output

Compliant Standards:	High Definition Audio
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Input Device

Type:	Mouse, keyboard
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Keyboard

Keyboard Name:	Lenovo Traditional Keyboard
Interface:	USB
Localization & Layout:	Nordic (Danish/Finnish/Norwegian/Swedish)

Mouse

Mouse Name:	Lenovo Calliope Mouse
Interface:	USB

Expansion / Connectivity

Slots:	1 (total) / 1 (free) x PCIe 4.0 x16 - low-profile ; 1 (total) / 1 (free) x PCIe 4.0 x16 - low-profile (x4 mode) ; 1 (total) / 1 (free) x PCIe 3.0 x1 - low-profile ; 1 (total) / 0 (free) x M.2 Card (for WLAN) ; 2 (total) / 1 (free) x M.2 Card (for SSD)
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Interfaces:	1 x USB-C 3.2 Gen 2 (1 in front) (data transfer, 15W charging) ; 6 x USB 3.2 Gen 1 (2 front, 4 rear) ; 2 x USB 3.2 Gen 2 (2 in front) ; 1 x headphones/microphone (1 in front) ; 1 x microphone (1 in front) ; 1 x LAN (Gigabit Ethernet) ; 1 x audio line-out ; 1 x HDMI ; 2 x DisplayPort 1.4a
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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 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, Bluetooth 5.1, IEEE 802.11ax (Wi-Fi 6E)
Features:	Wake on LAN (WoL), dual stream (2x2)