

Empowering the modern workforce with a streamlined desktop experience

ThinkCentre M9 Series desktops offer powerful performance with efficient processors, ample memory, and SSD storage, making them ideal for modern professionals requiring reliable computing for multitasking, creative work, and collaboration.

ThinkCentre M90t Gen 4



Packed with advanced features, this desktop is designed to cater to the unique demands of professionals working in their offices. From data analysis to video editing, lightning-fast processing speeds delivered by up to 13th Gen Intel Core i9 processor ensure each task is completed efficiently. Experience stunning visuals with integrated Intel UHD graphics or opt for NVIDIA graphics for design, 3D modeling, and video rendering tasks. Graphic designers and architects will appreciate the crisp imagery and smooth rendering capabilities.

It boasts a comprehensive range of ports, including USB-C, HDMI, and DisplayPort, enabling hassle-free connections to peripherals, monitors, and projectors. With up to 5 drives storage capacity including, dual 2.5" HDD and M.2 SSD bays, store all the files, documents, and projects securely while enjoying quick access times.

Never slow down with up to 128GB of DDR5 memory, which makes multitasking a breeze. From researchers to software developers, professionals can seamlessly switch between applications, ensuring a smooth workflow.

Configure with responsive SSD storage, NVIDIA GeForce RTX 3050 graphics and Intel Core i9 processor to support seamless multitasking of graphic design workloads.

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Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



Accessories

Lenovo Go Wireless Split Keyboard



- Human-inspired true ergonomic split keyboard with tactile and responsive, scissor switch keys
- 13-degrees splay for straight typing, comfortable neck and shoulders
- 11-degrees vertical tenting for more natural typing posture

PN: 4Y41C33748~4Y41C33789

ThinkCentre M90t Gen 4

Performance

Processor
Intel 13th Generation Intel Core i3 / i5 / i7 / i9

Operating System*
Windows 11 Pro or Home
Windows 11 DG Windows 10 Pro 64
Windows 10 IoT Enterprise LTSC 2021
Ubuntu Linux

Graphics
Intel UHD graphics 730 / 770 (Integrated)
AMD Radeon RX 6400 4GB
NVIDIA GeForce RTX 3050 8GB
NVIDIA GeForce RTX 4060 8GB

Chipset
Intel Q670 Chipset

Memory
Up to 128GB DDR5, four DIMM slots

Storage
Up to five drives, 2x 2.5"/3.5" HDD + 1x 2.5" HDD + 2x M.2 SSD
2.5" HDD up to 1TB each
3.5" HDD up to 2TB
M.2 SSD up to 2TB each
RAID 0/1 support (RAID preset only available via special bid models)

Optical*
DVD-ROM or DVD±RW*

Audio*
High Definition (HD) Audio
Single speaker, 2W x1

Power Supply*
500W 92%, 300W 90% PSU, 260W 90% PSU

Design

Form factor
Tower (17L)

Dimensions
170 x 298 x 376 mm (6.7 x 11.7 x 14.8 inches)

Weight
Around 6.5 kg (14.3 lbs)

Color
Black

Bays
1x 2.5" disk bay (bay comes with disk)
1x 3.5" disk bay
1x 3.5" disk bay (optional, or bay comes with disk)
1x slim ODD bay

Expansion Slots
One PCIe 4.0 x16, full-height
One PCIe 4.0 x16 (x4 signal), full-height
One PCIe 3.0 x1, full-height
Three M.2 slots (one for WLAN, two for SSD)

Connectivity

Ethernet*
Gigabit onboard Ethernet

WLAN + Bluetooth*
802.11ax (Wi-Fi 6 / Wi-Fi 6E), Bluetooth 5.1
up to Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.1

Front ports
1x USB-C 3.2 Gen 2 (support data transfer and 15W charging)
2x USB 3.2 Gen 1
2x USB 3.2 Gen 2
1x headphone / microphone combo jack (3.5mm)
1x microphone (3.5mm)
1x card reader*

Rear ports
4x USB 3.2 Gen 1
1x HDMI 2.1 TMDS
2x DisplayPort 1.4a (HBR2, DSC)
1x Ethernet (RJ-45)
1x line-out (3.5mm)
1x USB-C 3.2 Gen 1 with DP function (Flex IO)*
1x HDMI 2.1 TMDS (Flex IO)*
1x VGA (Flex IO)*
1x DP 1.2 (Flex IO)*
1x USB-C 3.2 Gen 2x2 (via PCIe x4 card)*
2x USB-C 3.2 Gen 2 (via PCIe x4 card)*
2x USB 2.0 (via 2-port adapter)*
2x USB 3.2 Gen 1 (via PCIe x1 card)*
1x parallel*
1x serial*
1x 2nd serial*

Security & Privacy

Security
Discrete TPM 2.0
Kensington Security Slot
Padlock Loop
E-lock*
Smart Cable Clip*
Chassis Intrusion Switch*

Manageability

System Management*
Intel vPro Enterprise*

Lenovo services

Base Warranty
Up to 3-year limited onsite service

Certifications

Green Certifications
EPEAT Gold Registered*
EPEAT Silver Registered*
ENERGY STAR 8.0*
ErP Lot 3
TCO Certified 9.0
RoHS compliant

Other Certifications
TÜV Rheinland Low Noise*
TÜV Rheinland Ultra Low Noise*
MIL-STD-810H

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2026 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.