

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.



Rugged compact performance primed for business

The ThinkCentre M9 Series offers more expansion and performance capabilities than any other desktop in our portfolio; perfect for users who need higher computing performance than average.

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.

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..



On-site Service

- If a problem can't be fixed remotely, we will visit your location
- Normally next business day service
- Agreed appointment times

Accessories

ThinkVision T32h-20

- 31.5" QHD (2560x1440) near-borderless monitor with 99% sRGB colour gamut
- 1x HDMI, 1x DisplayPort, 1x USB-C (data, video & data), 4x USB3.1, audio out
- Lift, Tilt, Pivot, Swivel stand for viewing comfort. Integrated smartphone holder in base.



ThinkVision T34w-20

- 34" WQHD display with 1500R curvature, ultra-wide 21:9 aspect ratio, 3000:1 contrast ratio, 99% sRGB colour gamut
- 1x HDMI, 1x DisplayPort. Integrated USB hub (1x USB-C, 4x USB3.1). Audio out.
- Lift, Tilt, Pivot, Swivel stand for viewing comfort. Integrated smartphone holder in base.



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Performance

Processor

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

Operating System

Windows 11 Pro 64
 Windows 11 Home 64
 Windows 11 Home 64 Single Language
 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 ¹

Up to 128GB DDR5, four DIMM slots

¹The max memory is based on the test results with current Lenovo memory offerings.

Storage ²

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
 RAID 0/1 support (RAID preset only available via special bid models)

²The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

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 ³

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

³The system dimensions may vary depending on configurations.

Weight ⁴

Around 6.5 kg (14.3 lbs)

⁴The system weight is approximate and may vary depending on configurations

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 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* ⁵

Intel vPro Enterprise*

⁵Intel vPro offers a superset of DASH's defined capabilities.

Lenovo services

Base Warranty

Up to 3-year limited onsite service

Certifications

Green Certifications ⁶

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

⁶The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

Other Certifications

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