

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

Our most powerful and expandable desktop supports up to 5 onboard storage drives, Intel Core i9 processors with up to 10 CPU cores, powerful graphics, numerous security features and the latest vPro remote management technologies. Security features include a self-healing BIOS, USB protection features to prevent data transfer, and an optional chassis eLock to secure components from the inside. Modern Standby enables the PC to receive emails and data updates even when asleep.



With the optional NVIDIA GTX 1660 or RTX 2060 graphics card - the latter with NVIDIA Studio Driver support - this desktop is AR/VR ready and can support rich 3D graphics playback. The new intelligent cooling system enables for quieter running or enhanced performance, depending on the mode selected.

With 3x PCIe slots and space for 4 brackets, expansion cards and additional ports can easily be added. 128GB memory capacity and support for up to 4 displays (depending on graphics card installed) support heavy multitasking.

Configure with responsive PCIe SSD storage, NVIDIA Geforce RTX 2060 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..



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.

ThinkCentre M90t

Performance

Processor
Intel Celeron, Pentium, 10th Gen Core i3 / i5 / i7 / i9

Operating System*
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 DG Windows 10 Pro 64
Windows 10 Pro 64
Windows 10 Home 64
Windows 10 Home 64 Single Language
Windows 10 IoT Enterprise
Ubuntu Linux

Graphics
Intel UHD graphics 610 / 630 (Integrated)
AMD Radeon 520
AMD Radeon RX 550X
NVIDIA GeDorece GT 730
NVIDIA GeForce RTX 1660 SUPER
NVIDIA GeForce RTX 2060

Chipset
Intel Q470 Chipset

Memory
Up to 128GB DDR4-2933, 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 each
M.2 SSD up to 2TB each
Intel Optane Memory, M.2*
RAID 0/1 support for HDDs (RAID preset via special bid)

Optical*
DVD-ROM or DVD±RW*

Audio*
High Definition (HD) Audio
Single speaker, 1W x1

Power Supply*
500W 92%, 300W 90%, 300W 85%, 180W 85% 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 3.0 x1, full-height
One PCIe 3.0 x4, full-height
One PCIe 3.0 x16, full-height
One dummy slot, only bracket for optional port extension
Three M.2 slots (one for WLAN, two for SSD)

Connectivity

Ethernet*
Gigabit onboard Ethernet

WLAN + Bluetooth*
802.11ac (Wi-Fi 5) or 802.11ax (Wi-Fi 6), Bluetooth 5.0 or 5.1
Up to Intel Wi-Fi 6 AX201 11ax Bluetooth 5.1

Front ports
2x USB 3.2 Gen 1
2x USB 3.2 Gen 2
1x USB-C 3.2 Gen 1
1x headphone / microphone combo jack (3.5mm)
1x microphone (3.5mm)
1x card reader*

Rear ports
4x USB 3.2 Gen 1
2x DisplayPort
1x serial (9-pin)
1x Ethernet (RJ-45)
1x line-out (3.5mm)
2x USB 2.0 (via 2-port adapter)*
2x USB 3.2 Gen 1 (via PCIe x1 card)*
2x USB-C 3.2 Gen 2 (via PCIe x4 card)*
1x Optional video port (one of HDMI / DisplayPort / USB-C 3.2 Gen 1 with DisplayPort function)*
1x serial*
4x serial (via PCIe x1 card)*
1x parallel*
2x PS/2*

Security & Privacy

Security
Discrete TPM 2.0
Kensington Security Slot
Padlock Loop
E-lock*
Smart Cable Clip*
Chassis Intrusion Switch*
Touch style fingerprint reader on mouse*

Manageability

System Management*
Intel vPro*

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 8.0
RoHS compliant

Other Certifications
TÜV Rheinland Ultra Low Noise*

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.