

# ThinkCentre M90t Gen 3

Engineered for exacting performance, this most powerful desktop makes multitasking a breeze with up to 12th Gen Intel core i9 processors and a host of expansion solutions. The tower supports high-performance graphics up to NVIDIA GeForce RTX 3070 to deliver near-perfect 3D renderings, immersive gaming, and VR experiences. With an ultra-responsive DDR5 memory up to 128 GB, get to your data-heavy files and advanced applications in a flash.



Connect up to 4 independent displays and industry-specific equipment with onboard ports, which include 5x USB ports, 1x HDMI, and 2x DisplayPort ports. Plus, it has an array of optional ports including 1x Thunderbolt™ 4 and 4x USB-C ports for transferring data at lightning speed.

With plentiful storage capacity of up to 5 drives, including up to three 2.5" HDD and two M.2 SSD bays, and many expansion slots, including four tool-less PCIe slots, its expandability is limitless.

Configure with responsive SSD storage, NVIDIA GeForce RTX 3070 Ti graphics and Intel Core™ i9 processor to support seamless multitasking of graphic design workloads.

## Mainstream computing for a variety of business uses

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.

## 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..



### Warranty Extensions

Purchase additional warranty periods from 1 to 5 years  
Buy at any point with or after your device purchase  
Optional On-site Service

## 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.



# ThinkCentre M90t Gen 3

## Performance

### Processor

Intel® Pentium®, or 12th Generation Intel Core™ i3 / i5 / i7 / i9 Processor

### Operating System

Powered by up to Windows 11 Pro

### Graphics

Intel UHD graphics 710/730/770 all integrated in processor, NVIDIA® GeForce® RTX™ 3070 Ti (discrete), Intel Iris® Xe MAX 100 (discrete), AMD Radeon™ RX 6400/6500XT (discrete), NVIDIA GeForce GTX 1660 SUPER (discrete), NVIDIA GeForce RTX 3050/3060 (discrete)

### Memory

Up to 128GB DDR5

### 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)

### Optical

optional DVD-ROM or DVD burner

## Design

### Dimensions

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

### Weight

starting at 6.5kg (14.3lbs)

### Expansion Slots

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

## Connectivity

### Front I/O

1x USB-C 3.2 Gen 2 (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 (optional)

### Rear I/O

4x USB 3.1 Gen 1, 1x HDMI 2.1 TMDS, 2x DisplayPort™ 1.4, 1x Ethernet (RJ-45), 1x line-out (3.5mm).

## Security & Privacy

Discrete TPM 2.0, TCG certified, (Optional) E-lock, (Optional) Smart Cable Clip, Kensington® Security Slot, Padlock Loop

## Certifications

### Green Certifications

EPEAT Silver, EPEAT Gold, Energy Star 8.0 (all optional)

### Other Certifications

(Optional) TÜV Rheinland® Low Noise, (Optional) TÜV Rheinland Ultra Low Noise, MIL-STD-810H military test passed