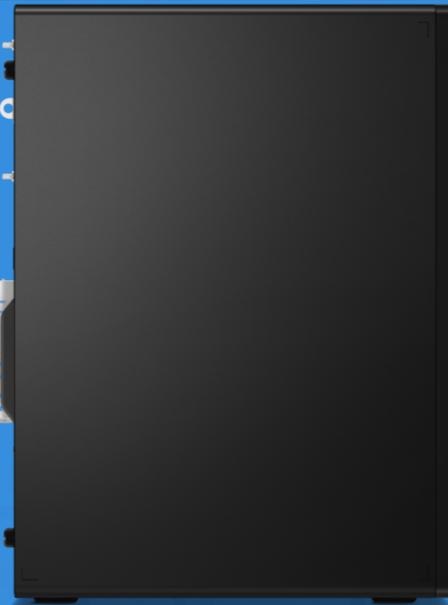




## MAINSTREAM COMPUTING FOR A VARIETY OF BUSINESS USES



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.

# ThinkCentre M90t Gen 3

Smarter  
technology  
for all

Lenovo

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.



## REASONS TO BUY

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.

# ThinkCentre M90t Gen 3

## KEY SPECIFICATIONS

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
Additional Internal Bays	Optional 3.5" Bay
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)
Power Supply	One of the following 300W 90%   500W 92%   750W 92%
Dimensions	170 x 298 x 376 mm (6.7 x 11.7 x 14.8 inches)
Weight	starting at 6.5kg (14.3lbs)

## 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

## 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).
Optional Rear Ports	One of the following 1x DP 1.2 (Flex IO)   1x HDMI 2.0 (Flex IO)   1x USB-C (Flex IO)   1x VGA (Flex IO) + 2x USB 3.2 Gen1 + 2x USB 2.0 + 1x serial   1x serial   1x serial + 1x 2nd serial   1x serial + 1x 2nd serial + 1x DP 1.2 (Flex IO)   1x serial + 1x VGA (Flex IO)   2x PS/2 + 1x VGA (Flex IO)   2x USB 2.0   2x USB 2.0 + 1x DP 1.2 (Flex IO)   2x USB 2.0 + 2x USB 3.2 Gen1 + 1x DP 1.2 (Flex IO)   4x USB 3.2 Gen1 + 1x VGA (Flex IO) + 2x USB 2.0 + 1x serial
WLAN + Bluetooth	One of the following Intel AX201 11ax, 2x2 + BT5.2   Intel AX211 Wi-Fi 6E, 11ax, 2x2 + BT5.2, vPro
Ethernet	One of the following BN8E88 + Integrated 100/1000M   I350-T4 + Integrated 100/1000M   Integrated 100/1000M

## SECURITY & PRIVACY

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

## MANAGEABILITY

Non-vPro  
vPro Enterprise

## Recommended for this device



### 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.



## 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

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. © 2020 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.