

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

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