## **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.

# 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.



## **REASONS TO BUY**

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.

Smarte

for all

technology

Lenovo

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.

## **ThinkCentre M90t**

#### **KEY SPECIFICATIONS**

Processor	up to 10th Gen Intel Core i9 processor	
Operating System	Powered by Windows 10 Pro	
Graphics	Intel HD Graphics 630/610 in processor, optional AMD Radeon 520, 2GB or NVIDIA Geforce GTX 1660, 6GB or NVIDIA Geforc RTX 2060, 6GB	
Memory	up to 128GB DDR4-2933	
Storage	Internal storage: up to 2x 3.5"" 2TB SATA HDD + 1x 2.5"" 1TB SATA HDD M.2 SSD: up to 2x 1TB M.2 PCIe NVMe optional Intel Optane memory	
Optical	optional DVD-ROM or DVD burner	
Additional Internal Bays	Optional 3.5" Bay	
Expansion Slots PCIe x16, half-length, full height PCIe x1, half-length, full height PCIe x4, half-length, full height Bracket for optional port extension		
Power Supply	One of the following 180W 85%   300W 85%   300W 90%   500W 92%	
Dimensions	Width: 170mm (6.7"") Depth: 298mm (11.7"") Height: 376mm (14.8"")	
Weight	starting at 6.5kg (14.33lb)	

#### **GREEN CERT**

EPEAT Silver.

#### **OTHER CERTIFICATIONS**

TUV Ultra Low Noise, TCO Certified

#### CONNECTIVITY

	up to 10th Gen Intel Core i9 processor	Front I/O	2x USB 3.2 Gen 2, 2x USB 3.2 Gen 1, 1x USB-C 3.2 Gen 1 (15W charging), microphone (3.5mm), audio combo jack (3.5mm)
ystem	Powered by Windows 10 Pro		
	Intel HD Graphics 630/610 in processor, optional AMD Radeon 520, 2GB or NVIDIA Geforce GTX 1660, 6GB or NVIDIA Geforce	Rear I/O	4x USB 3.2 Gen 1, 1x serial (9-pin), ethernet (RJ-45), 2x DisplayPort, line-out (3.5mm)
	RTX 2060, 6GB	Optional Rear Ports	One of the following 1x DP   1x HDMI   1x HDMI + 2x USB 2.0 + 1x serial + 2x PS/2   1x Type-C   1x parallel   1x parallel + 1x HDMI   1x parallel + 1x seria   1x parallel + 1x serial + 1x DP   1x parallel + 1x serial + 1x HDMI   1x serial   1x serial + 1x DP   1x serial + 1x HDMI   1x serial + 1x Type-C   1x serial + 2x USB 2.0 + 1x HDMI   2x PS/2 + 2x USB 2.0 2x USB 2.0   2x USB 2.0 + 1x DP   2x USB 2.0 + 1x HDMI   2x USB 2.0 + 1x Type-C   2x USB 2.0 + 1x serial + 1x DP   2x USB 2.0 + 1x Type-C   2x USB 2.0 + 1x Serial + 1x DP   2x USB 2.0 + 1x HDMI   2x USB 2.0 + 1x Type-C   2x USB 2.0 + 1x Serial + 1x DP   2x USB 2.0 + 1x Type-C   2x USB 2.0 + 1x Serial + 1x DP   2x USB 2.0 + 1x Serial + 1x DP   2x USB 2.0 + 1x Type-C   2x USB 2.0 + 1x Serial + 1x DP   2x USB 2.0 + 1x Serial + 1x SERi
	up to 128GB DDR4-2933		
	Internal storage: up to 2x 3.5"" 2TB SATA HDD + 1x 2.5"" 1TB SATA HDD M.2 SSD: up to 2x 1TB M.2 PCIe NVMe optional Intel Optane memory		
	optional DVD-ROM or DVD burner		USB 2.0 + 2x USB 3.2 Gen1 + 1x Type-C   2x USB 2.0 + 2x USB-C
ternal Bays	Optional 3.5" Bay		3.2 Gen2 + 1x Type-C   2x USB 3.2 Gen1 + 1x Type-C   2x USB-C 3.2 Gen2 + 1x HDMI   2x USB-C 3.2 Gen2 + 1x Type-C   5x serial - 1x DP
lots	PCIe x16, half-length, full height		
	PCIe x1, half-length, full height PCIe x4, half-length, full height Bracket for optional port extension	WLAN + Bluetooth	One of the following Intel 9560 11ac, 2x2 + BT5.0   Intel AX201 11ax, 2x2 + BT5.1, vPro   RTL8822CE 11ac, 2x2 + BT5.0
ly	One of the following 180W 85%   300W 85%   300W 90%   500W 92%	Ethernet	One of the following BN8E88 + Integrated 100/1000M   I350-T4 + Integrated 100/1000M   Integrated 100/1000M
	Width: 170mm (6.7"") Depth: 298mm (11.7"") Height: 376mm (14.8"")		
	starting at 6.5kg (14.33lb)	SECURITY & PRIVACY	
TIFICATIONS		Chassis Intrusion Switch E-Lock	
: Energy Star 8.0		Kensington lock slot Padlock slot Optional Smart Cable Clip Smart USB protection	

#### MANAGEABILITY

Hardware TPM 2.0

Intel vPro, DASH (optional)

Individual USB port disablement

## **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.



### **Keep Your Drive**

Keep your drive(s) before returning a faulty device Dispose of business data on your terms

Removes the need to track movement of sensitive data

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