MAINSTREAM COMPUTING FOR A VARIETY OF BUSINESS USES

ThinkCentre M90s

This compact desktop supports a variety of needs - from basic to power users; connect up to 3 displays at 4K resolution, and configure with 2x M.2 SSD drives and 2x SATA HDDs. Optional graphics, 128GB memory capacity and 3x PCIe expansion slots provide scope for future upgrades. New on this model are additional security features, modern standby and an intelligent cooling system that reduces fan noise and boosts performance.



REASONS TO BUY

Security features include a selfhealing BIOS which can restore itself in the event of a BIOS update failure or if maliciously attacked. The BIOS-controlled optional Chassis eLock prevents unauthorized removal of components, by locking from the inside. A wide range of I/O ports include USB-C, USB3.1, a serial port and optional parallel port.

Smarte

for all

technology

Lenovo

With Modern Standby this desktop will keep emails and applications up to date with the latest data even when asleep, wake more quickly and consume less energy.

Optimized to reduce power consumption with Energy Star 8.0 and EPEAT Silver energy efficiency certifications.

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 M90s

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	
Memory	up to 128GB DDR4-2933	
Storage	Internal storage: up to 1x 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 2.5" bay	
Expansion Slots	PCle x16, low profile PCle x1, low profile PCle x4, low profile Bracket for optional port extension	
Power Supply	One of the following 180W 85% 260W 85% 310W 92% 380W 92%	
Dimensions	Width: 92mm (3.62"") Depth: 298mm (11.7"") Height: 340mm (13.4"")	
Weight	starting at 4.2kg (9.3lb)	

GREEN CERTIFICATIONS

EPEAT Silver. Energy Star 8

OTHER CERTIFICATIONS

TUV Ultra Low Noise

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
Powered by Windows 10 Pro		charging), microphone (3.5mm), audio combo jack (3.5mm)
Intel HD Graphics 630/610 in processor, optional AMD Radeon 520, 2GB	Rear I/O	4x USB 3.2 Gen 2, 1x serial (9-pin), ethernet (RJ-45), 2x DisplayPort, line-out (3.5mm)
up to 128GB DDR4-2933	Optional Rear Ports	One of the following 1x DP 1x HDMI 1x PS/2 1x Parallel 1x Parallel + 1x Serial + 1x USB 3.2 Gen1 Two Ports (PCle x1 Card) 1x Serial 1x Serial + 1x DP 1x Serial + 1x HDMI 1x Serial Four Ports (PCle x1 card) + 1x HDMI 1x Type-C 1x USB 2.0 Two Ports 1x USB 2.0 Two Ports + 1x DP 1x USB 2.0 Two Ports + 1x HDMI 1x USB 2.0 Two Ports + 1x DP 1x USB 2.0 Two Ports + 1x HDMI 1x USB 2.0 Two
Internal storage: up to 1x 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	Ports + 1x Serial + 1x Parallel + 1x PS/2 1x USB 2.0 Two Ports + 1x USB 3.2 Gen1 Two Ports (PCIe x1 Card) + 1x DP 1x USB 2.0	
Optional 2.5" bay		Two Ports + 1x USB 3.2 Gen1 Two Ports (PCIe x1 Card) + 1x HDMI 1x USB 2.0 Two Ports + 1x USB-C 3.2 Gen2 Two Ports
PCIe x16, low profile PCIe x1, low profile PCIe x4, low profile Bracket for optional port extension		(PCIe x4 Card) + 1x DP 1x USB 3.2 Gen1 Two Ports (PCIe x1 Card) + 1x DP 1x USB 3.2 Gen1 Two Ports (PCIe x1 Card) + 1x HDMI 1x USB-C 3.2 Gen2 Two Ports (PCIe x4 Card) + 1x Type-C
One of the following 180W 85% 260W 85% 310W 92% 380W 92%	WLAN + Bluetooth	One of the following Intel 9560 11ac, 2x2 + BT5.0 Intel AX201 11ax, 2x2 + BT5.1, vPro RTL8822CE 11ac, 2x2 + BT5.0
Width: 92mm (3.62"") Depth: 298mm (11.7"") Height: 340mm (13.4"")	Ethernet	One of the following BN8E88 + Integrated 100/1000M I350-T4 + Integrated 100/1000M Integrated 100/1000M
starting at 4.2kg (9.3lb)		
	SECURITY & PRIVACY	
3.0	Chassis Intrusion Switch E-Lock Kensington lock slot	

Padlock slot

Optional Smart Cable Clip

Intel vPro, DASH (optional)

Individual USB port disablement

Smart USB Protection

Hardware TPM 2.0

MANAGEABILITY

Recommended for this device



ThinkPad X1 Active Noise **Cancellation Headphones**

Ambient & electronic noise cancellation, integrated boom-less mic for calls

Bluetooth 5.0 connectivity with USB-C charging in under 3 hours

Lightweight 214g (0.47lbs) design with memory foam ear cups



Lenovo Kensington MicroSaver **Cable Lock**

Cut-resistant cable lock to protect against device theft; 5ft/1.5m cable anchors to desk, table or any fixed structure

Tamper-resistant, disk-style lock provides near-impenetrable theft protection, but still allows users to pivot and rotate devices

Fits a wide range of devices and docking solutions based on the Kensington slot design. Dual head locks available to secure 2 devices to one cable



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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