

MAINSTREAM COMPUTING FOR A VARIETY OF BUSINESS USES



ThinkCentre M Series All-in-One devices offer powerful configurations, space-saving design and enterprise security and manageability features.

ThinkCentre M90a

Smarter technology for all

Lenovo

This premium 23.8"" all-in-one includes advanced features like vPro manageability, modern standby, Dolby Atmos audio and voice assistant support. At the press of a button, the optional PrivacyGuard screen renders the display unreadable unless you are sat directly in front of it. With the optional IR camera, the device will automatically blur the screen if the user is not looking at it and can also alert them to 'shoulder surfers', improving information protection.



REASONS TO BUY

Hides connected cables inside a rear panel, with wires discreetly routed from the bottom of the stand. A smartphone holder is built into the base, which can be charged from side-mounted USB ports. Configure for the needs of different users with HDD and M.2 SSD storage, optional graphics card and optical drive.

Security features include individual USB port disablement, and a self-healing BIOS which can restore itself in the event of a BIOS update failure or if maliciously attacked.

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

ThinkCentre M90a

KEY SPECIFICATIONS

Processor	up to 10th Gen Intel Core i9 processor
Operating System	Powered by Windows 10 Pro
Display	23.8"" PrivacyGuard screen, Full HD (1920x1080), IPS, 1000:1 contrast ratio, 350 nits 23.8"" Full HD (1920x1080) screen, WVA, 1000:1 contrast ratio, 250 nits (touch)
Touchscreen	optional touchscreen on regular Full HD display
Graphics	Intel UHD Graphics 630/610 in processor, optional AMD Radeon 625, 2GB
Memory	up to 64GB DDR4-2933
Storage	Internal storage: up to 1x 2.5"" 2TB SATA HDD M.2 SSD: up to 1x 1TB M.2 PCIe NVMe optional Intel Optane memory
Optical	optional DVD-ROM or DVD burner
Camera	*One of the following* 1080p 1080p RGBIR
Audio	2x 3W stereo speakers, Dolby Atmos Audio Dual array mics
Power Supply	*One of the following* 150W 89% Adapter 170W 89% Adapter
Dimensions	From Width: 541mm (21.3"") Depth: 200mm (7.9"") Height: 414.2 to 494.2mm (16.3"" to 19.5"") (with full function monitor stand)
Weight	starting from 7.51kg (16.5lb)

GREEN CERTIFICATIONS

EPEAT Silver. Energy Star 8.0. GREENGUARD.

OTHER CERTIFICATIONS

MIL-STD-810G military testing. TCO AIO Computer. TUV Low Blue Light. TUV Ultra Low Noise.

CONNECTIVITY

Side/Front I/O	2x USB 3.2 Gen 2, 1x USB-C 3.2 Gen 1 (5V/3A charging), 1x optional card reader, 1x headphone / mic combo jack (3.5mm)
Rear I/O	4x USB 3.2 Gen1 (1x supports Smart Power On), 1x ethernet (RJ-45), 1x DisplayPort in/out combo port, 1x optional serial (9-pin)
Optional Rear Ports	1x serial
WLAN + Bluetooth	*One of the following* Intel 9560 11ac, 2x2 + BT5.0 Intel AX201 11ax, 2x2 + BT5.1, vPro RTL8822CE 11ac, 2x2 + BT5.0
Ethernet	Integrated 100/1000M

SECURITY & PRIVACY

Chassis Intrusion Switch
IR Camera with Windows Hello
ThinkPad PrivacyAlert
ThinkPad PrivacyGuard screen
ThinkShutter camera privacy cover
Hardware TPM 2.0
Kensington lock slot
Privacy Alert alarm (requires IR camera)
PrivacyGuard screen (optional)
Smart USB protection
Individual USB port disablement

MANAGEABILITY

Intel vPro
Non-vPro

OPTIONAL MECHANICAL PERIPHERALS

UltraFlex IV stand

Recommended for this device



Lenovo Adjustable Height Arm

Reduce neck & back pain by positioning a VESA-compatible monitor, ThinkCentre M AIO or Lenovo V Series AIO, to the most comfortable height and angle

Extends display out to a range of 64cm (25”), with height adjustment up to 33cm (13”)

Can be fitted to desk via a clamp without drilling holes



ThinkPad Bluetooth Silent Mouse

Left/Right hand, easy-to-carry low profile mouse

Switch between 2 devices with dual-host Bluetooth 5.0 connectivity

2-way scrolling with on-the-fly DPI adjustment (2400, 1600, 800)



Premier Support

Talk directly with advanced technical support agents

Support for software & hardware

Next business day onsite repairs

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