

ThinkCentre M90a

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.



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.

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.

Lenovo services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



Premier Support

Talk directly with advanced technical support agents
 Support for software & hardware
 Next business day onsite repairs

Accessories

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



PN: 4XF0H70603

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)



PN: With Battery : 4Y50X88822 Without Battery : 4Y50X88823

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
FHD 1080p
FHD 1080p + IR Hybrid

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 Wi-Fi 6 AX201, 11ax 2x2 + BT5.1, vPro
Realtek 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
PrivacyAlert alarm (requires IR camera)
PrivacyGuard screen (optional)
Smart USB protection
Individual USB port disablement

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