



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

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

contrast ratio, 350 nits 23.8"" Full HD (1920x1080) screen, WVA, 1000:1 contrast rat 250 nits (touch) Touchscreen optional touchscreen on regular Full HD display Graphics Intel UHD Graphics 630/610 in processor, optional AMD Rade 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 170W 89% Adapter		
Display 23.8"" PrivacyGuard screen, Full HD (1920x1080), IPS, 1000 contrast ratio, 350 nits 23.8"" Full HD (1920x1080) screen, WVA, 1000:1 contrast ration 250 nits (touch) Touchscreen optional touchscreen on regular Full HD display Intel UHD Graphics 630/610 in processor, optional AMD Radio 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 Tow Width: 541mm (21.3"") Depth: 200mm (7.9"") Height: 4 to 494.2mm (16.3"" to 19.5"") (with full function monitor stand	Processor	up to 10th Gen Intel Core i9 processor
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to 494.2mm (16.3"" to 19.5"") (with full function monitor stand	Power Supply	150W 89% Adapter
Weight starting from 7.51kg (16.5lb)	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

Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2020 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.

Recommended for this device



Lenovo Adjustable Height Arm

Reduce neck & back pain by positioning a VESAcompatible monitor, ThinkCentre M AlO or Lenovo V Series AlO, 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