

Smarter
technology
for all

Lenovo ThinkCentre M90a GEN 2

**Introducing the ThinkCentre M90a Gen 2.
A Desktop You Define.**

The ThinkCentre M90a Gen 2 is the culmination of 27 years of innovation: a smarter, sleeker, and more secure desktop designed on the built for business Intel vPro® platform that anticipates the needs of the modern workforce to power a smarter future.

Its award winning industrial design and ergonomic AIO composition maximize users' workspace efficiency wherever, whenever, and however they work. M90a Gen2 is equipped with Thinkshield security and also offers as optional AI features to improve privacy and security, power consumption and users wellbeing. To enhance even further you data security, a premium Privacy guard screen to protect sensitive information being displayed is also available.

The M90a Gen 2 is an exemplary achievement for our company, and a testament to why cutting-edge companies such as Microsoft, Google, and Ducati work smarter with Lenovo's secure technology solutions.



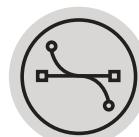
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Attributes and Benefits



Trusted Security and Durability

Security is paramount. The M90a Gen 2 comes with Lenovo's customizable ThinkShield security solution for comprehensive, end-to-end protection of critical data and business technology. Its Thinkshield BIOS self-healing is upgraded to Level 2, guaranteeing the full backup in a second SPI room in case a crash is detected. Privacy Guard is also available and provides an added layer of security with a push of a button to prevent shoulder surfing and keep information confidential. Since it's built on the Intel vPro® platform, you can better safeguard data and assets and gain long-term stability—all while delivering a great user experience. It also boasts 10 Mil Spec compliance for guaranteed product durability and platform stability to endure the most extreme situations.



Purposeful Design

Cleanliness and comfort clear the mind. The M90 Gen 2's new stand supports neat cable management with integrated cable routing, cable guide and cable cover to keep workspaces uncluttered. An alternate stand with a wider adjustable angle display – but without cable management – is recommended for the AIO with touch function. Both options include a keyboard and phone garage for devices, so desks stay clean and brainpower is spent on work, not looking for phones.



Customer Valued Innovation

The M90a Gen 2 enables users to work smarter, not harder. Improved readability, a larger screen to body ratio, and premium audio with Dolby Atmos® produce an immersive workspace to boost productivity. By combining RGBIR camera and Smart Security Software, M90a offers AI features to improve security and Privacy (blur screen, auto lock, Window Hello facial login..), power consumption (auto-dim, wake up screen..) and users wellbeing (total time on screen, time since last break, distance from eyes to screen).



Lenovo ThinkCentre M90a Gen 2

Performance

PROCESSOR

Up to Intel Core™ i9 vPro® processor

OS

Windows 10

MEMORY

Up to 64GB DDR4 (3200MHz)

STORAGE

SSD: 128GB, 256GB, 512GB, 1TB. 2.5" HDD: from 500GB, 1TB, 2TB

POWER

150W / 170W Adapter

CPU

65W (11th Gen. up to i9, vPro)

GRAPHICS

Integrated Graphic Card & AMD Radeon 630 dGPU support

ODD

Optional. Slim type ODD

Connectivity

SIDE IO

1x USB3.2 Type C Gen 2 with RC support to 5V3A
2 x USB3.2 Type A Gen 2
1x Card Reader (optional) / 1x Combo audio jack

REAR IO

4x USB 3.2 Gen 1
1x DP in/out combo
1x HDMI out OR serial port optional
1x LAN

INTERNAL BAY

2 x 2.5" HDD (1 default, 1 optional from ODD bay); 1 x Slim ODD

M.2 SLOT

1 for WiFi, 1 for PCIe SSD

WIRELESS

Wifi 6 2x2 AX with Bluetooth 5.0

Manageability

CERTIFICATIONS

Eye Comfort
Ultra Low Noise
Anti-dust

ENVIRONMENT OTHERS

Energy star 8.0 / TCO 8.0 / RoHS / 65% PCC / ICE 4.0
/ EPEAT Silver

MODERN STANDBY

Yes (RKL CPU + UMA with SSD)



Design

PANEL

23.8" WVA, FHD, 250nits (ES8.0) Touch & Nontouch
23.8" WVA, FHD 350nits Nontouch Privacy Guard (optional)

DISPLAY TILT ANGLE

With Touch: Ultra-Flex IV stand: Tilt with -5 ~70 degree
Without Touch: FF stand Tilt with -5 ~30 degree

MECHANICAL PERIPHERALS

VESA wall mount
Full Function monitor stand
Ultra-Flex IV stand
Non-Stand (CTO)

EOU

Stand / Rear cover

SPEAKER

3Wx2 with Dolby Atmos®

WEB CAMERA/MIC

5M RGB & 5M RGBIR with dual mic
Mic support noise canceling feature

Security

Privacy Guard (optional, without touch)
Smart Security Software (Optional)
Intel® Hardware Shield
BIOS Self Healing
TPM 2.0
Kensington™ slot
Intrusion Switch (optional)
ThinkShutter
Windows Hello
Smart USB Protection

PHYSICAL BUTTON LED

Power
Mic. Mute
LED: Camera
ODD
LAN
HDD

Reliability

10 MIL-SPECs

Yes

Accessories

LENOVO PROFESSIONAL WIRELESS KEYBOARD

PN: 4X30H567XX
The slim 3-zone keyboard with number pad features responsive, quiet keys for a premium typing experience. The one-touch dedicated media keys put the controls you use most at your fingertips.



LENOVO FINGERPRINT BIOMETRIC USB MOUSE

PN: 4Y5Q064661
The Lenovo Fingerprint Biometric USB Mouse offers enhanced input functionality with an integrated fingerprint sensor for password-free authentication. It features a 1600dpi resolution with an optical sensor for precise tracking and an ambidextrous design for more fluid control and ergonomics.



LENOVO 500 FHD WEBCAM

PN: 4XC0V13599
THE BUSINESS-READY WINDOWS HELLO WEBCAM. Designed to be the ultimate connectivity device, the 500 FHD Webcam makes business more productive by delivering uninterrupted Full-HD UVC-compliant video for teleconferencing apps on desktop and laptops.



MICROSAVER 2.0 CABLE LOCK

PN: 4XE0N80914
Representing the next generation of device security, the MicroSaver 2.0 was developed using strict specifications, patented technologies, and rigorous testing against tough environmental conditions, and can stand the test of time in a smaller, compact size without compromise.



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