

Smarter  
technology  
for all

Lenovo

# Lenovo ThinkCentre M90a

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

The ThinkCentre M90a is the culmination of 27 years of innovation: a smarter, sleeker, and more secure desktop 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. And the M90a's ThinkShield security solution comes with built in Privacy Guard that prevents shoulder surfing, giving users invaluable protection and peace of mind.

The M90a 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.



# Lenovo ThinkCentre M90a

## Attributes and Benefits



### Trusted Security and Durability

Security is paramount. The M90a comes with Lenovo's customizable ThinkShield security solution for comprehensive, end-to-end protection of critical data and business technology. Exclusive to the M90a, Privacy Guard with Privacy Alert provides an added layer of security with a push of a button to prevent shoulder surfing and keep information confidential. With 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 M90s' 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.



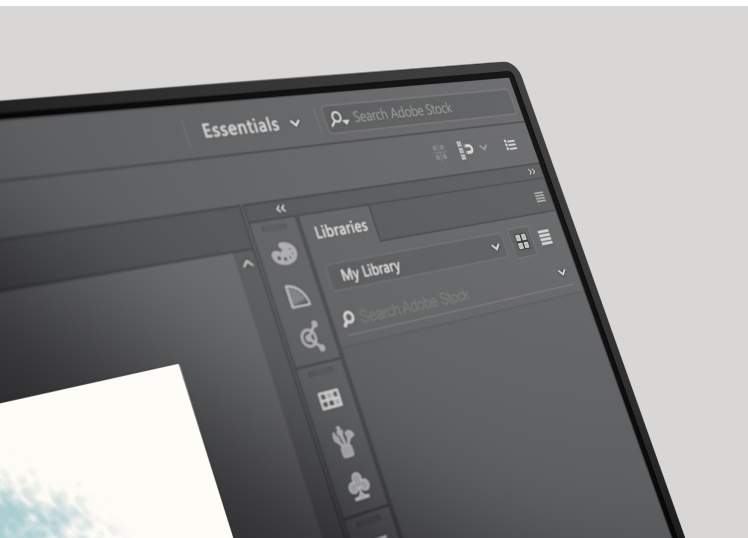
### Customer Valued Innovation

The M90a 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. Even when users take a break, modern standby is working to keep the system up-to-date whenever a suitable network is available.



### A Desktop You Define

Desktops shouldn't define users' workspaces, they should power productivity. An ergonomic eye-level display, full-sized keyboard, and mouse create a comfortable computing experience, while up to 10th Generation Intel® Core™ i9 vPro® Processors boost performance. With easy upgrades and repairs, it's an easily maintained, budget friendly solution for users.



## Lenovo ThinkCentre M90a

# Performance

### PROCESSOR

Up to Intel® Core™ i9 vPro® processor



### OS

Windows 10

### MEMORY

4 to 32GB DDR4-2666

### STORAGE

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

### POWER

150W / 170W Adapter

### CPU

65W (Intel® 10th Gen. i3 to i9)

### GRAPHICS

Integrated Graphic Card & AMD Radeon 625 dGPU support

### ODD

Optional. Slim type ODD

# Connectivity

### SIDE IO

1x USB Type-C 3.2 Gen 1 (RC) 2x USB 3.2 Gen 2  
1x Card Reader (optional) / 1x Combo audio jack

### REAR IO

4x USB 3.2 Gen 1  
1x DP out  
1x LAN / Optional serial port

### 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 or Optane

### WIRELESS

Optional. WiFi & Bluetooth

# Manageability

### CERTIFICATIONS

Eye Comfort  
Very Low Noise

### ENVIRONMENT OTHERS

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

### MODERN STANDBY

Yes

# Design

### DESIGN AWARD

iF Design Award 2020  
Red Dot Design Award 2020



reddot winner 2020

### 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 III stand: Tilt with -5 -70 degree  
Without Touch: Tilt with -5 -30 degree

### MECHANICAL PERIPHERALS

Stand Handle  
VESA wall mount  
Full Function monitor stand  
Ultra-Flex III stand  
Non-Stand (SpB)

### EOU

Stand / Rear cover

### SPEAKER

3Wx2 with Dolby Atmos®

### WEB CAMERA/MIC

1080p / RGB-IR Camera with Dual Mic.  
Mic support noise canceling feature

# Security

Privacy Guard (without touch)  
Privacy Alert  
BIOS Self Healing  
TPM 2.0  
Kensington™ slot  
Intrusion Switch  
ThinkShutter  
Windows Hello  
Smart USB Protection

### PHYSICAL BUTTON LED

Power  
Mic. Mute  
LED: Camera  
ODD  
LAN  
Power  
HDD

# Reliability

### 10 MIL-SPECS

Yes

# Accessories



### LENOVO PROFESSIONAL WIRELESS KEYBOARD AND MOUSE COMBO

PN: 4X30H56796

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. The ergonomic full-size mouse provides comfort and support for all-day use.



### LENOVO FINGERPRINT BIOMETRIC USB MOUSE

PN: 4Y50Q64661

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 PROFESSIONAL WIRED STEREO VOIP HEADSET

PN: 4XD0592991

The Universal VOIP optimized headset provides premium sound quality, turning any room into a conference room with noise canceling and in-line control features.



### 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.

©2020 Lenovo. All rights reserved. Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: - 5 Gbit/s for USB 3.1 Gen1; 10 Gbit/s for USB 3.1 Gen2 & 20 Gbit/s for USB 3.2. These products are available while supplies last. Prices shown are subject to change without notice. For any questions concerning price, please contact your Lenovo Account Executive. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkVantage, and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Other company, product and service names may be trademarks or service marks of others.