

# ThinkCentre M90a AIO

Take security and productivity to the next level with the ThinkCentre M90a AIO. Combining a small footprint with a spacious display, this enterprise-level all-in-one tackles the toughest demands with speed while protecting your screen and data privacy through cutting-edge AI security technology.

The ThinkCentre M90a AIO leads the industry in cable management design to ensure extremely clean workspaces in open areas and general office usage. The ThinkCentre M90a AIO also excels at efficiency thanks to intelligent voice control. Simply engage Alexa for hands-free operation and improved multitasking. From faster processors to faster wake time, the ThinkCentre M90a AIO is smarter technology for any corporate workspace.



Smarter  
technology  
for all

Lenovo

# Lenovo ThinkCentre M90a AIO



## SUPER PRODUCTIVITY

From complex spreadsheets to intense photo retouching, and everything in between, the ThinkCentre M90a AIO keeps up with the most demanding workloads thanks to its 10<sup>th</sup> Generation Intel® Core™ U i7 vPro Processors, lightning-fast discrete graphics, up to 32GB of DDR4 memory, and ample SSD storage options.



## AI SECURITY PROTECTION

With an FHD PrivacyGuard display to protect sensitive information on screen and leading AI technology, like automatic screen blur to block shoulder surfers, the ThinkCentre M90a AIO offers greater security and privacy whether in use or at rest. Plus, it's backed by Lenovo ThinkShield, the most comprehensive, end-to-end security solution on the market that combines industry-leading secure hardware, software, services, and processes.



## OUTSTANDING USER EXPERIENCE

Thanks to its expansive display and new Dolby® Atmos® speaker system, the ThinkCentre M90a AIO provides an immersive audiovisual experience regardless of what you happen to be working on. The ThinkCentre M90a AIO also offers outstanding cable management design with a cable cover and cable routing features to keep desktops clutter-free.



## SMARTER TECHNOLOGY

In addition to being designed for a better user experience, the ThinkCentre M90a AIO is also designed for smarter interaction. Voice command, using the familiar Alexa platform, allows you to initiate simple tasks and perform operations hands-free. Also, being an Always On, Always Connected (AOAC) PC means that the ThinkCentre M90a AIO can wake instantly, connect to the web instantly, and offer greater performance in other areas.



## productivity

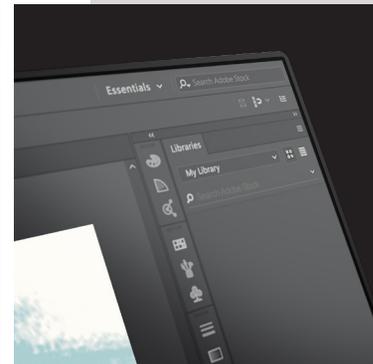
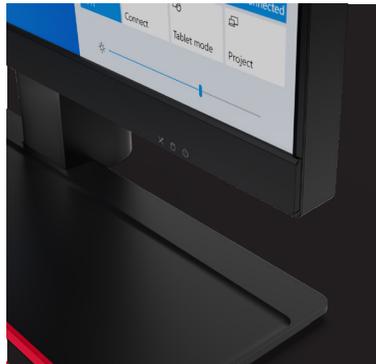
Packed with powerful Intel® Core™ processors, the ThinkCentre M90a AIO easily keeps up with your fast and furious workload demands.

## security

With a 23.8" PrivacyGuard display, facial recognition ID, and automatic screen blur, the ThinkCentre M90a AIO keeps sensitive information and data safe.

## manageability

The ThinkCentre M90a AIO combines innovative cable management design with a full function monitor stand to offer an extremely clean desktop AIO solution.



## Lenovo ThinkCentre M90a AIO

### performance

#### PROCESSOR

Up to 10<sup>th</sup> Generation Intel® Core™ U i7 vPro Processors

#### OPERATING SYSTEM

Up to Windows 10 Pro

#### GRAPHICS

Up to AMD® Radeon™ 625 2GB gDDR5

#### CAMERA

HD + IR camera with ThinkShutter

#### MEMORY

Up to 32GB DDR4, 2x SODIMM

#### STORAGE

Up to 2TB 2.5" HDD  
Up to 1TB M.2 OPAL SSD  
Up to 1TB M.2 Non-OPAL SSD  
Up to 16GB M.2 Intel® Optane™ Memory  
Slim ODD Rambo/DVD ROM

#### AC ADAPTER

Up to 170W/230W (discrete graphics model)

#### AUDIO

Dolby® Atmos® Speaker System

### security

Match on Chip Touch Fingerprint Reader  
dTPM 2.0 chip  
ThinkShutter camera cover  
PrivacyAlert  
PrivacyGuard  
USB protection  
Kensington™ lock slot

### connectivity

#### INPUT/OUTPUT PORTS

2x USB 3.1 Gen 2  
1x Type-C USB 3.1 Gen 1  
1x 3-in-1 card reader  
1x Audio (Headphone and Microphone Combo Jack)  
4x USB 3.1  
Serial port optional  
DP out/LAN/DC in  
1x M.2 2280 and 2242 for SSD and Intel® Optane™

#### WIFI

WLAN 802.11 AX

### design

#### DISPLAY

23.8" WVA WLED (1920x1080) FHD (250nit)  
23.8" PrivacyGuard (1920x1080) FHD (350nit)

#### DIMENSIONS (W X D X H) AND WEIGHT

541 x 492.2 x 46mm / 7.512kg  
(Standard display, FFstand, VOIP, Non ODD)  
541 x 492.2 x 49.5 mm / 8.389kg  
(PrivacyGuard display, FF stand, VOIP, Non ODD)  
541x 465.7 x 46 mm / 8.258kg  
(Standard display, Ultra-Flex stand, VOIP, Non ODD)  
541x 465.7 x 49.5 mm / 9.135kg  
(PrivacyGuard display, Ultra-Flex stand, VOIP, Non ODD)

#### STAND

Full function monitor stand (tilt with -5 degrees to 30 degrees, height with 80 mm)  
UltraFlex IIII stand (tilt with -5 degrees to 70 degrees)

#### MIL-SPEC

9 items (low altitude, high/low temperature, temperature shock, humidity, sand and dust, vibration, and shock)

#### TOOLLESS ACCESS

Yes (rear cover and stand)

### optional services

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkPad investment—so you can focus on your work, not your IT.

#### PREMIER SUPPORT

Provides direct access to skilled and experienced Lenovo technicians offering comprehensive hardware and software support. Gives you a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.

#### ACCIDENTAL DAMAGE PROTECTION (ADP)

Prevents the hassles of unexpected repair costs. Provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage to the integrated screen.

#### WARRANTY EXTENSION (1-YEAR BASE, UP TO 3 YEARS TOTAL)

This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and lower the cost of ownership over time.

## accessories



#### LENOVO ESSENTIAL WIRELESS KEYBOARD AND MOUSE COMBO

PN: 4X30M39458

This combo allows you to connect both keyboard and mouse using only one USB wireless receiver. The slim, wireless keyboard has a responsive key feeling, and includes an adjustable tilt leg, numeric keypad, and spill-resistant design. The full-size wireless mouse accommodates left- and right-handed users.



#### LENOVO PRO WIRED STEREO VOIP HEADSET PN: 4XD0S92991

This headset offers the versatility of using the USB or 3.5mm connection, allowing users to stay connected with their PC or personal device. It also features Easy Call Management with the in-line call controller with large buttons and LED indicators as well as a noise-cancelling microphone for clearer conversations. Set up is easy—simply plug in and go.



#### THINKPAD USB 3.0 SECURE HARD DRIVE 2TB PN: 4XB0K83868

Perfect for business travelers who need to access sensitive data while on-the-go, the ThinkPad USB 3.0 Secure Hard Drive offers 256-bit Advanced Encryption Standard (AES) security in a slim, lightweight, self-powered device. It features an integrated number pad for entering an 8- to 16-digit password for one administrator and one additional user, if desired. Choose between three options (USB 2.0, USB 3.0, or built-in USB 3.0 cable) for quick and easy connectivity.

©2019 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.