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› Lenovo ThinkCentre M90a Gen 3 23.8" Full HD All-in-One Desktop Computer User Manual

## Lenovo 11VF0067US

# Lenovo ThinkCentre M90a Gen 3 All-in-One Desktop Computer User Manual

Model: 11VF0067US | Brand: Lenovo

## 1. INTRODUCTION

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This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo ThinkCentre M90a Gen 3 All-in-One Desktop Computer. This powerful system integrates a 23.8-inch Full HD display with an Intel Core i5-12500 processor, 8GB RAM, and a 256GB SSD, running Windows 11 Pro, offering a compact and efficient computing solution.



Figure 1: Front view of the Lenovo ThinkCentre M90a Gen 3 All-in-One Desktop Computer.

## 2. WHAT'S IN THE BOX

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Upon unpacking your ThinkCentre M90a Gen 3, ensure all the following items are present:

- Lenovo ThinkCentre M90a Gen 3 All-in-One Desktop Computer (Monitor integrated)
- Power Adapter and Cable
- Keyboard (may be wired or wireless, depending on configuration)
- Mouse (may be wired or wireless, depending on configuration)
- Documentation (Quick Start Guide, Warranty Information)



Figure 2: The All-in-One computer shown with its accompanying keyboard and mouse.

## 3. SETUP GUIDE

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### 3.1 Unpacking and Placement

1. Carefully remove the computer and all accessories from the packaging.
2. Place the computer on a stable, flat surface with adequate ventilation around it. Ensure no vents are blocked.

### 3.2 Connecting Peripherals

1. Connect the keyboard and mouse to the available USB ports on the computer. Refer to Figure 3 for port locations.
2. If you have external speakers or headphones, connect them to the audio output jack.



Figure 3: Side view illustrating available USB ports and the optical drive slot.



Figure 4: Rear view displaying power input, Ethernet, and additional USB ports.

### 3.3 Power Connection and Initial Boot-up

1. Connect the power cable to the power adapter, then plug the adapter into the computer's power input port (refer to Figure 4).
2. Plug the power cable into a grounded electrical outlet.
3. Press the power button, usually located on the side or front of the display, to turn on the computer.
4. Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network connection, and user account creation.

## 4. OPERATING YOUR COMPUTER

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## 4.1 Windows 11 Pro Basics

Your ThinkCentre M90a Gen 3 comes pre-installed with Windows 11 Pro. Familiarize yourself with the new Start menu, Taskbar, and Snap Layouts for efficient multitasking.



*Figure 5: The computer displaying the Windows 11 Pro operating system.*

## 4.2 Display Adjustments

The 23.8-inch Full HD display can be adjusted for optimal viewing comfort. You can tilt the screen and adjust the height using the stand. For software display settings, right-click on the desktop and select 'Display settings' to change resolution, scale, and orientation.

## 4.3 Connectivity

- **USB Ports:** Utilize the multiple USB 2.0 and USB 3.0 ports for connecting external devices such as external hard drives, printers, and webcams.
- **Network:** Connect to the internet via the Ethernet port for a wired connection or through Wi-Fi (if equipped) for wireless access.
- **Audio:** Use the audio jacks for headphones, microphones, or external speakers.

## 5. MAINTENANCE AND CARE

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- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner to clean the display. For the chassis, use a dry, soft cloth. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation slots are clear of dust and obstructions to prevent overheating. Periodically clean dust from the vents using compressed air.
- **Software Updates:** Regularly check for and install Windows updates and Lenovo driver updates to ensure optimal performance and security.
- **Data Backup:** Regularly back up your important data to an external drive or cloud storage to prevent data loss.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your ThinkCentre M90a Gen 3.

Problem	Possible Solution
Computer does not power on.	Ensure the power cable is securely connected to both the computer and the electrical outlet. Try a different outlet.
No display on screen.	Check if the computer is powered on. If so, try restarting the computer. Ensure no external display cables are connected that might be redirecting output.
System is running slow.	Close unnecessary applications. Check Task Manager for high CPU/memory usage. Run a disk cleanup and defragmentation (for HDD, not necessary for SSD). Ensure Windows and drivers are updated.
Peripheral (keyboard/mouse) not responding.	Try connecting the peripheral to a different USB port. Restart the computer. For wireless devices, check batteries and ensure the receiver is properly connected.
No internet connection.	Check network cable connection (for wired). For Wi-Fi, ensure Wi-Fi is enabled and you are connected to the correct network with the correct password. Restart your router/modem.

## 7. TECHNICAL SPECIFICATIONS

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Key specifications for the Lenovo ThinkCentre M90a Gen 3 All-in-One Desktop Computer:

Feature	Detail
Model Name	ThinkCentre M90a Gen 3
Item Model Number	11VF0067US
Processor	Intel Core i5-12500 (Hexa-core, 3.0GHz)
Operating System	Windows 11 Pro
RAM Memory	8 GB DDR4 SDRAM
Storage	256 GB NVMe M.2 PCI Express SSD
Screen Size	23.8 inches (Full HD, 1920 x 1080 resolution)
Graphics Card	Dedicated (256MB RAM)
USB 2.0 Ports	2
USB 3.0 Ports	2
Color	Black
Item Weight	24.4 pounds
Product Dimensions	27 x 21 x 9 inches

## 8. WARRANTY AND SUPPORT

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Your Lenovo ThinkCentre M90a Gen 3 All-in-One Desktop Computer is covered by Lenovo's standard limited warranty. Please refer to the warranty documentation included with your product for specific terms and conditions. For technical support, driver downloads, or service inquiries, please visit the official Lenovo Support website:

**Visit Lenovo Support**

You may also find helpful resources and community forums on the Lenovo website.