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HP OmniDesk M02 Tower Desktop User Manual

Model: TPC-F134-MT

1. PRODUCT OVERVIEW

The HP OmniDesk M02 Tower Desktop is a high-performance personal computer designed for business and productivity. It features an AMD Ryzen 7 8700G processor, ample DDR5 RAM, and fast SSD storage, running on Windows 11 Home. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

Ryzen 7-8700G

8 Core 16 Threads



HP OmniDesk

Premium Desktop PC

Powerful performance for your daily tasks



up to

64 GB

DDR5
UDIMM



up to

4 TB

PCIE M.2
SSD



Wired Keyboard & Mouse Combo



**Boost Productivity
with Copilot + AI**



Copilot

Network

WI-FI 6

Bluetooth
Ethernet



Image 1.1: HP OmniDesk M02 Tower Desktop highlighting its AMD Ryzen 7 8700G processor, Windows 11 operating system, Wi-Fi 6 connectivity, and memory/storage capabilities.

Key Features:

- Processor:** AMD Ryzen 7 8700G (8 Cores, 16 Threads, up to 5.1GHz Max Boost)
- Memory:** 16GB DDR5 RAM (expandable up to 64GB)
- Storage:** 1TB PCIe M.2 SSD, bundled with ADATA 512GB External SSD
- Operating System:** Windows 11 Home
- Graphics:** Integrated AMD Radeon Graphics
- Connectivity:** Wi-Fi 6, Bluetooth, Ethernet (RJ-45)
- Ports:** Multiple USB Type-A and Type-C ports, HDMI, DisplayPort, audio jacks
- Included Peripherals:** Wired Keyboard & Mouse



ADATA SD620 SSD

SD620 External Solid State Drive, Built Fast and Tough

Data Transfer in Seconds



MIL-STD Shock Resistance



Multi-platform&Cross-device



Image 1.2: The ADATA SD620 External SSD, included with the HP OmniDesk M02, highlighting its data transfer speed and MIL-STD shock resistance.

2. SETUP INSTRUCTIONS

Follow these steps to set up your HP OmniDesk M02 Tower Desktop.

2.1 Unpacking

1. Carefully remove all components from the packaging.
2. Verify that all items are present: HP OmniDesk M02 Tower Desktop, Wired Keyboard, Wired Mouse, Power Cable, and ADATA 512GB External SSD.
3. Retain packaging materials for future transport or service.

2.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other devices to the appropriate ports on the desktop.

Ports & Solts



Headphone/microphone combo

USB Type-A 5Gbps

USB Type-A 10Gbps

USB Type-C 5Gbps

USB Type-C 10Gbps

Rear:

4x USB 2.0 Type-A

1x RJ-45

1x HDMI Out

1x DisplayPort 1.4

Image 2.1: Detailed view of the front and rear ports on the HP OmniDesk M02 Tower Desktop, indicating their types and functions.

- **Monitor:** Connect your monitor to either the HDMI or DisplayPort on the rear of the desktop.
- **Keyboard & Mouse:** Connect the wired keyboard and mouse to any available USB Type-A ports.
- **Power:** Connect the power cable to the desktop's power input and then to a wall outlet.
- **External SSD:** Connect the ADATA 512GB External SSD to an available USB port.
- **Network (Optional):** For a wired internet connection, connect an Ethernet cable to the RJ-45 port.

2.3 Initial Boot-Up

1. Press the power button on the front of the desktop.
2. Follow the on-screen instructions to complete the Windows 11 Home setup. This typically involves selecting your region, language, and creating a user account.
3. Ensure an internet connection is established during setup for updates and account synchronization.

3. OPERATING INSTRUCTIONS

This section covers basic operation of your HP OmniDesk M02.

3.1 Power On/Off and Restart

- **Power On:** Press the power button on the front of the desktop.
- **Shut Down:** Click the Start button in Windows 11, then select Power > Shut down.
- **Restart:** Click the Start button, then select Power > Restart.

3.2 Connecting to Wi-Fi and Bluetooth

- **Wi-Fi:** Click the Network icon in the taskbar, select your desired Wi-Fi network, enter the password, and click Connect.
- **Bluetooth:** Go to Settings > Bluetooth & devices, ensure Bluetooth is turned on, and then click "Add device" to pair new Bluetooth devices.

3.3 Using Windows 11 and AI Features

Your HP OmniDesk M02 comes with Windows 11 Home, offering a modern interface and integrated AI capabilities through Copilot.



Image 3.1: A user interacting with the HP OmniDesk M02, demonstrating the integration of Copilot for enhanced productivity and AI-driven workflows.

- **Start Menu:** Access applications, settings, and power options from the centered Start menu.

- **Widgets:** Personalize your desktop with widgets for news, weather, and more.
- **Copilot:** Utilize the integrated Copilot AI for assistance with tasks, content creation, and system navigation. Access it via the taskbar icon.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your desktop.

4.1 Cleaning

- **Exterior:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution. Avoid harsh chemicals.
- **Vents:** Periodically clean dust from the ventilation grilles using compressed air to prevent overheating. Ensure the desktop is powered off before cleaning vents.

4.2 Software Updates

Regularly update your operating system and drivers to ensure security and performance.

- **Windows Updates:** Go to Settings > Windows Update and check for available updates.
- **Driver Updates:** Visit the official HP support website for your model to download the latest drivers for components like graphics and chipset.

4.3 Hardware Upgrades

The HP OmniDesk M02 supports upgrades for RAM and internal storage.

- **RAM:** The system supports up to 64GB DDR5 UDIMM RAM.
- **Internal SSD:** The system supports up to 4TB PCIe M.2 SSD.
- **Important:** Opening the chassis for upgrades may affect the original manufacturer's warranty. Consult the warranty section for details.

5. TROUBLESHOOTING

This section addresses common issues you might encounter.

5.1 No Power

- Ensure the power cable is securely connected to both the desktop and a working power outlet.
- Check if the power outlet is functional by plugging in another device.
- Verify the power supply unit (PSU) switch (if present) is in the ON position.

5.2 No Display on Monitor

- Confirm the monitor is powered on and its input source is correctly selected (HDMI/DisplayPort).
- Check that the video cable is securely connected to both the desktop and the monitor.
- Try connecting the monitor to a different video port on the desktop if available.

5.3 Network Connectivity Issues

- **Wired:** Ensure the Ethernet cable is properly connected and your router/modem is working.
- **Wi-Fi:** Verify Wi-Fi is enabled in Windows settings and you are connected to the correct network with the correct password. Restart your router/modem.

6. SPECIFICATIONS

Detailed technical specifications for the HP OmniDesk M02 Tower Desktop.



Image 6.1: Close-up view of the AMD Ryzen 7 8700G processor, highlighting its core count, thread count, clock speed, and L3 cache.

Component	Specification
Model Number	TPC-F134-MT
Processor	AMD Ryzen 7 8700G (8 Cores, 16 Threads, 4.2GHz base, up to 5.1GHz max turbo)
RAM	16GB DDR5 UDIMM (4800 MHz), expandable to 64GB
Internal Storage	1TB PCIe M.2 SSD, expandable to 4TB
External Storage	ADATA 512GB External SSD (bundled)

Graphics	Integrated AMD Radeon Graphics
Operating System	Windows 11 Home
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth
Front Ports	1x USB Type-C 10Gbps, 1x USB Type-C 5Gbps, 2x USB Type-A 10Gbps, 2x USB Type-A 5Gbps, 1x Headphone/Microphone Combo
Rear Ports	4x USB 2.0 Type-A, 1x RJ-45 (Ethernet), 3x 3.5mm Audio Jack Combo, 1x HDMI, 1x DisplayPort
Dimensions (LxWxH)	6.10" x 13.27" x 12.40" (15.5 x 33.7 x 31.5 cm)
Weight	12.72 lbs (5.77 kg)
Color	Grey

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The HP OmniDesk M02 Tower Desktop comes with a manufacturer's warranty. For this specific configuration, a 1-year warranty on the upgraded RAM and SSD is provided by PCOnline US. All other original components retain the standard 1-year manufacturer's warranty from HP.

Please retain your proof of purchase for warranty claims.

7.2 Technical Support

For technical assistance, please refer to the official HP support website or contact their customer service. For issues related to the upgraded RAM or SSD, please contact PCOnline US directly.

HP Support: www.hp.com/support