

**MINIS FORUM UM560 XT**

# MINIS FORUM UM560 XT Mini PC User Manual

Model: UM560 XT

## 1. INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your MINIS FORUM UM560 XT Mini PC. Please read this manual carefully before using the device to ensure optimal performance and longevity.



Image 1.1: MINIS FORUM UM560 XT Mini PC

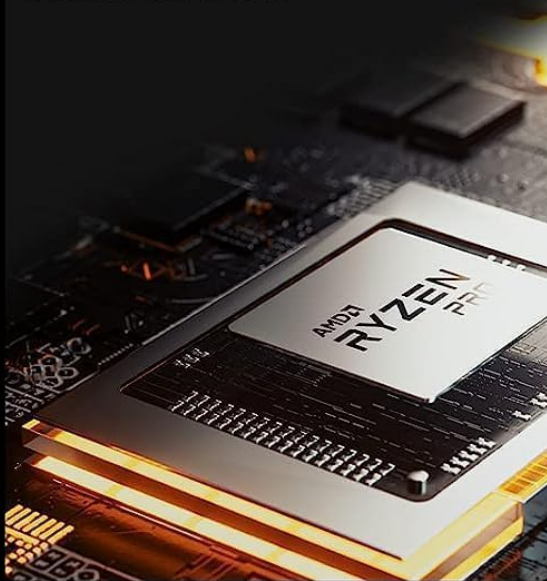
The MINIS FORUM UM560 XT is a compact yet powerful mini PC designed for various computing needs, from office tasks and multimedia entertainment to light gaming and content creation. It features an AMD Ryzen 5 5600H processor, ample RAM, and fast PCIe SSD storage, along with versatile connectivity options.

# Venus Series UM560 XT Mini Pc



**AMD Ryzen 5 5600H**

6 Cores/ 12 Threads



**Wi-Fi**



M.2 2230 WIFI Support

**PCIe**

M.2 2280 PCIe3.0 SSD  
2.5 inch SATA HDD Slot  
(SATA 3.0 6.0Gb/s)

**DDR4**

Dual channel  
SODIMM ×2

Efficient Heat Dissipation



2.5Gbps Lan



**Flexible Upgrade**



**Triple monitor support**



Image 1.2: Key Features Overview

## 2. SETUP

### 2.1 Unboxing and Package Contents

Carefully remove all components from the packaging. Ensure the following items are present:

- MINIS FORUM UM560 XT Mini PC
- Power Adapter
- HDMI Cable
- User Manual (this document)
- Mounting Bracket (if included)

## 2.2 Connecting Peripherals

Before powering on your Mini PC, connect all necessary peripherals:

1. **Connect Display:** Use an HDMI cable to connect your monitor(s) to the HDMI ports on the back of the Mini PC. The device supports dual HDMI and one USB-C for triple display output.
2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into the available USB ports.
3. **Connect Network (Optional):** For a wired connection, connect an Ethernet cable from your router to the 2.5G LAN port on the Mini PC.
4. **Connect Power:** Plug the power adapter into the DC 19V input port on the Mini PC, then plug the adapter into a power outlet.

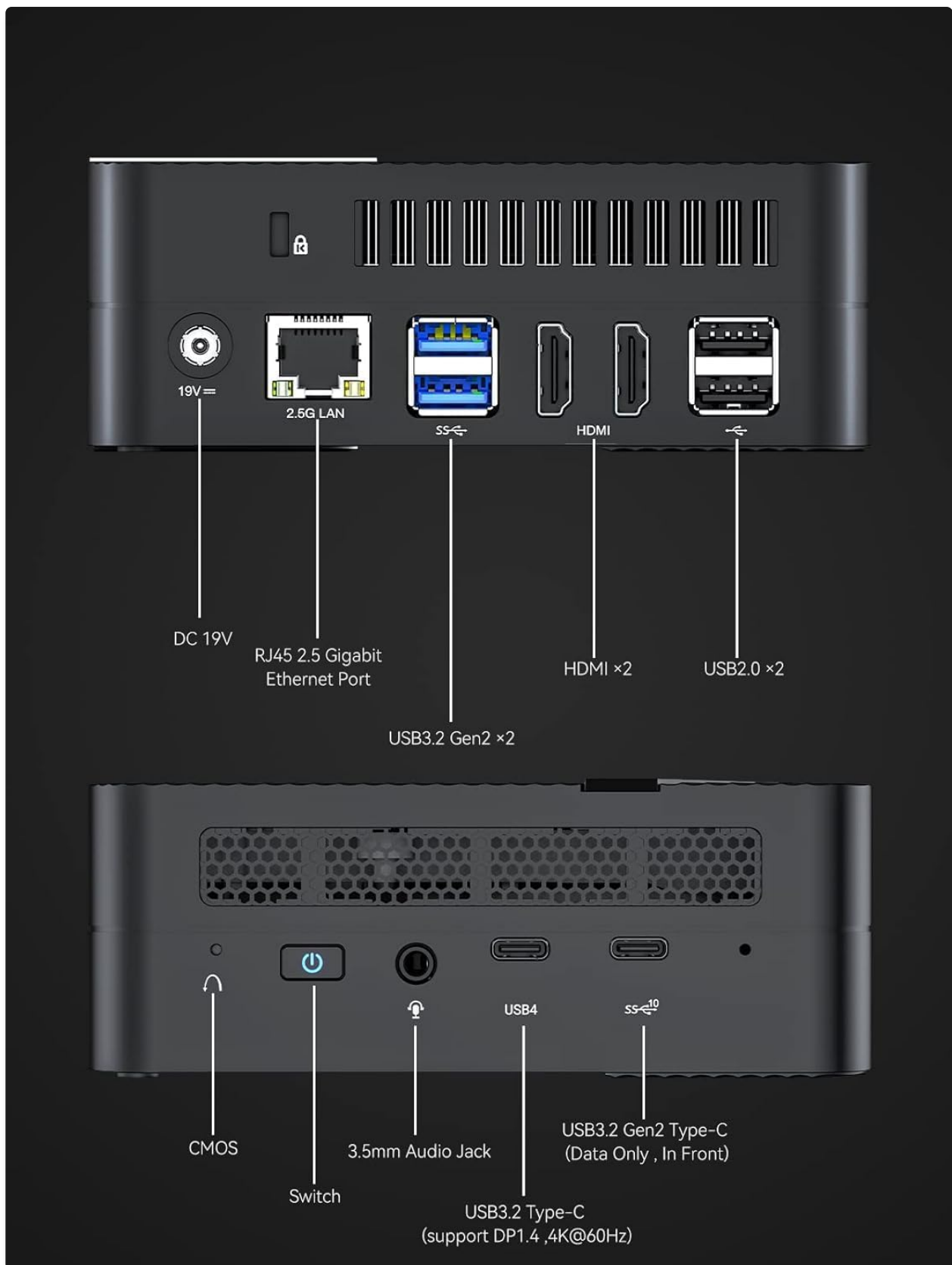


Image 2.1: Port Layout of the Mini PC

## 2.3 Initial Boot-Up

After connecting all peripherals and power, press the power button located on the front of the Mini PC. The power indicator light will illuminate. The system will boot up, and you may be prompted to complete the operating system setup if it's the first use.

## 3. OPERATING

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### 3.1 Power On/Off and Restart

- **Power On:** Press the power button once.
- **Power Off:** From the operating system, select 'Shut Down'. Alternatively, press and hold the power button for 5-7 seconds to force a shutdown (not recommended for regular use).
- **Restart:** From the operating system, select 'Restart'.

### 3.2 Network Connectivity

The UM560 XT supports both wired (Ethernet) and wireless (Wi-Fi) network connections.

- **Wired:** Connect an Ethernet cable to the 2.5G LAN port. The system will automatically detect the connection.
- **Wireless:** Ensure Wi-Fi is enabled in your operating system settings. Select your desired network from the list of available networks and enter the password if required.

### 3.3 Connecting External Devices

The Mini PC offers a variety of ports for connecting external devices:

- **USB Ports:** Use the USB 3.2 Gen2 and USB 2.0 ports for connecting external storage, printers, webcams, and other USB devices.
- **HDMI Ports:** Connect up to two HDMI displays for extended desktop or mirroring.
- **USB-C Port:** The USB-C port supports data transfer and DisplayPort 1.4 for an additional display output (4K@60Hz).
- **3.5mm Audio Jack:** Connect headphones or external speakers.

### 3.4 Triple Display Setup

The MINIS FORUM UM560 XT supports up to three independent 4K@60Hz displays simultaneously, enhancing productivity and multimedia experiences.



# Triple display support

Meet all your daily needs, working & entertaining

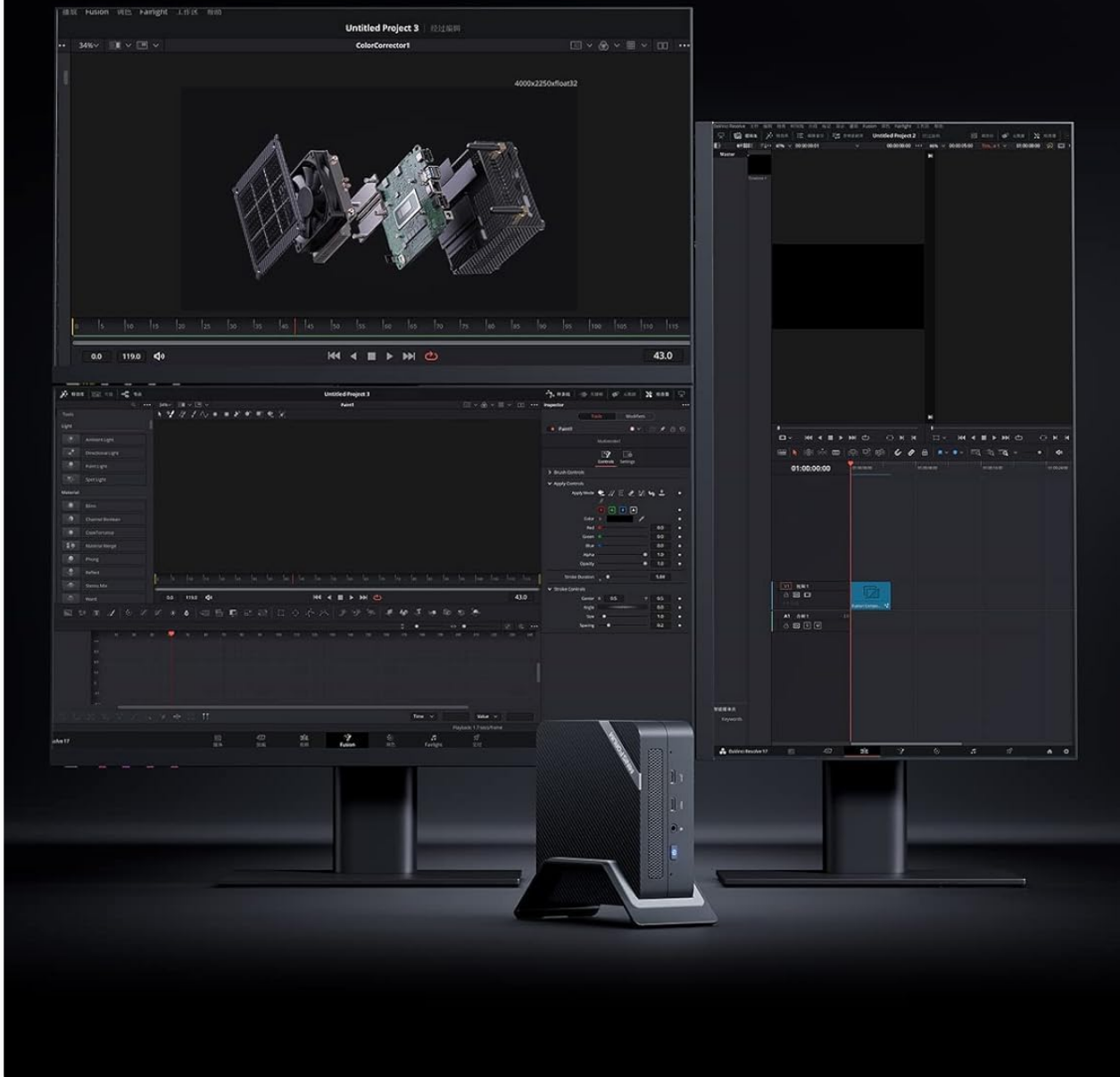


Image 3.1: Triple Display Configuration

To set up multiple displays, connect your monitors to the available HDMI ports and the USB-C port. Configure display settings within your operating system (e.g., Windows Display Settings) to extend or duplicate your desktop.

## 4. MAINTENANCE

## 4.1 Cleaning

To maintain optimal performance and prevent dust buildup:

- Regularly wipe the exterior of the Mini PC with a soft, dry cloth.
- Use compressed air to clear dust from ventilation grilles and ports. Ensure the device is powered off before cleaning.

## 4.2 Software Updates

Keep your operating system and drivers updated to ensure system stability, security, and performance. Check for updates regularly through your OS settings or the MINIS FORUM official website.

## 4.3 Hardware Upgrades

The UM560 XT allows for memory and storage upgrades:

- **RAM:** The device supports up to 64GB DDR4 SODIMM RAM (2 slots).
- **Storage:** It includes an M.2 PCIe SSD slot and a 2.5-inch SATA HDD/SSD slot for additional storage.





Image 4.1: Internal Components and Upgrade Slots

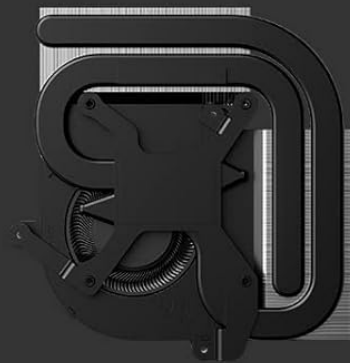
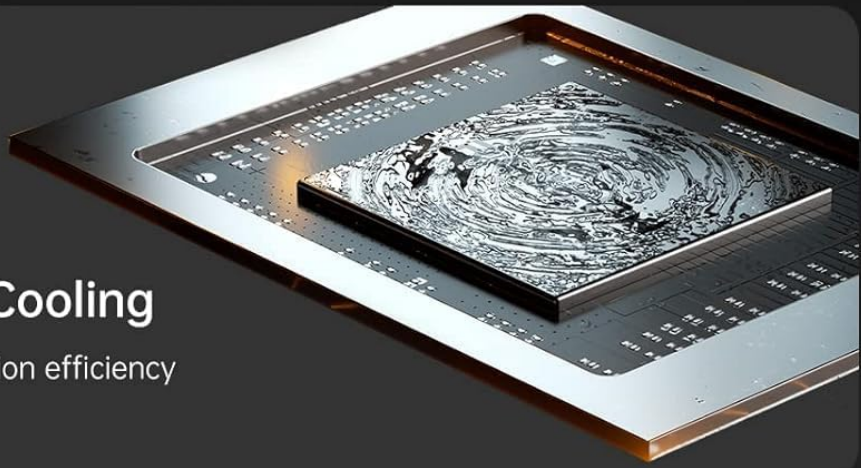
Refer to the detailed instructions provided with your upgrade components or consult the MINIS FORUM support website for specific upgrade procedures. Always power off and unplug the device before performing any internal upgrades.

## 4.4 Cooling System

The UM560 XT utilizes liquid metal thermal compound on the CPU and an efficient fan design for optimal heat dissipation. Ensure the ventilation openings are not obstructed to maintain proper airflow and prevent overheating.

## Liquid Metal Cooling

Improve heat conduction efficiency



## New Airway Design

120 fan blades and 2 heat pipes



## Powerful Fan

## High efficiency heat dissipation

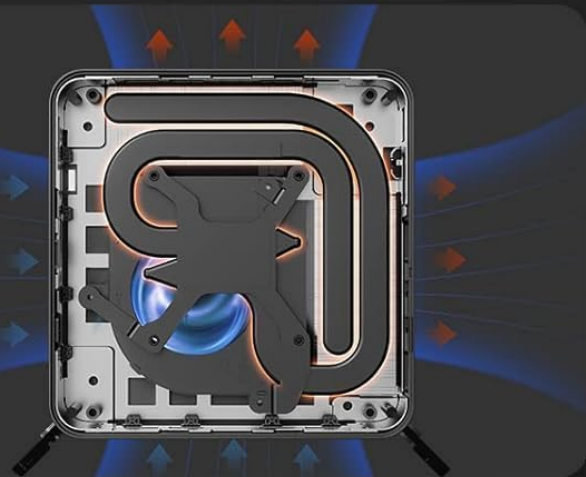


Image 4.2: Cooling System Components

## 5. TROUBLESHOOTING

### 5.1 Common Issues and Solutions

- No Power:

- Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- Verify the power outlet is functional.
- **No Display:**
  - Check that the HDMI/USB-C cables are securely connected to both the Mini PC and the monitor.
  - Ensure the monitor is powered on and set to the correct input source.
  - Try connecting to a different display or using a different cable.
- **Network Connectivity Issues:**
  - For wired connections, check the Ethernet cable and router status.
  - For wireless connections, verify Wi-Fi is enabled and you have the correct password. Restart your router if necessary.
- **Slow Performance:**
  - Close unnecessary applications running in the background.
  - Ensure your operating system and drivers are up to date.
  - Check for sufficient free storage space on your SSD.
  - Monitor system temperatures to ensure proper cooling.

### 5.2 BIOS Access

To access the BIOS/UEFI settings, power on the Mini PC and repeatedly press the **Del** key (or F2, F7, F10, F12 depending on the specific BIOS version) during the initial boot-up screen. This allows you to configure system settings, boot order, and other advanced options.

## 6. SPECIFICATIONS

Feature	Specification
Processor	AMD Ryzen 5 5600H (6 Cores/12 Threads, up to 4.2 GHz)
Graphics	AMD Radeon Graphics (1800 MHz)
RAM	16 GB DDR4 (Expandable up to 64 GB)
Storage	1 TB PCIe SSD, 1 x 2.5-inch SATA HDD Slot
Video Output	2 x HDMI (4K@60Hz), 1 x USB-C (DisplayPort 1.4, 4K@60Hz)
Network	2.5G RJ45 Ethernet, Wi-Fi (M.2 2230 WIFI Support)
USB Ports	USB3.2 Gen2 x 2, USB2.0 x 2, USB4 x 1 (Type-C)
Audio	3.5mm Audio Jack
Dimensions	12.8 cm x 12.66 cm x 4.65 cm

Feature	Specification
Weight	1.38 Kilograms
Operating System	OS (Pre-installed, specific version may vary)

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

MINIS FORUM products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official MINIS FORUM website for detailed warranty terms and conditions specific to your region and purchase date. Keep your proof of purchase for warranty claims.

### 7.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or inquiries about your product, please contact MINIS FORUM customer support. You can usually find contact information (email, phone, or support portal) on the official MINIS FORUM website.

**Official MINIS FORUM Store:** [Visit Store](#)