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## TRIGKEY S5

# TRIGKEY S5 Mini PC User Manual

Model: S5

## 1. INTRODUCTION

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This user manual provides detailed instructions for the setup, operation, and maintenance of your TRIGKEY S5 Mini PC. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

## 2. SAFETY INFORMATION

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- **Power Supply:** Use only the provided power adapter. Ensure the power outlet voltage matches the adapter's specifications.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the device to prevent overheating.
- **Environment:** Operate the Mini PC in a clean, dry environment. Avoid extreme temperatures, humidity, and direct sunlight.
- **Liquid and Moisture:** Keep the device away from liquids. Do not expose it to rain or moisture.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Disassembly:** Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- **Cables:** Check all cables for fraying or damage before use.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- TRIGKEY S5 Mini PC
- Power Adapter
- HDMI Cable
- VESA Mount Bracket with Screws

- User Manual

## 4. PRODUCT OVERVIEW

The TRIGKEY S5 Mini PC is a compact and powerful micro-computer designed for various applications, from daily computing to light gaming and multimedia. It features an AMD Ryzen 7 5850U processor, 16GB DDR4 RAM, and a 500GB NVMe SSD.

### Front Panel



Image: Front panel of the TRIGKEY S5 Mini PC. It features a power button, two USB 3.2 ports, a USB Type-C port (supporting data and video), and a headphone jack.

- **Power Button:** Press to power on/off the device.
- **USB 3.2 Ports (x2):** For connecting USB peripherals such as keyboards, mice, and external storage.
- **USB Type-C Port:** Supports data transfer and video output.
- **Headphone Jack:** For connecting headphones or external speakers.

### Rear Panel

# Plenty Ports For Connectivity

Multiple Ports, Various Choices

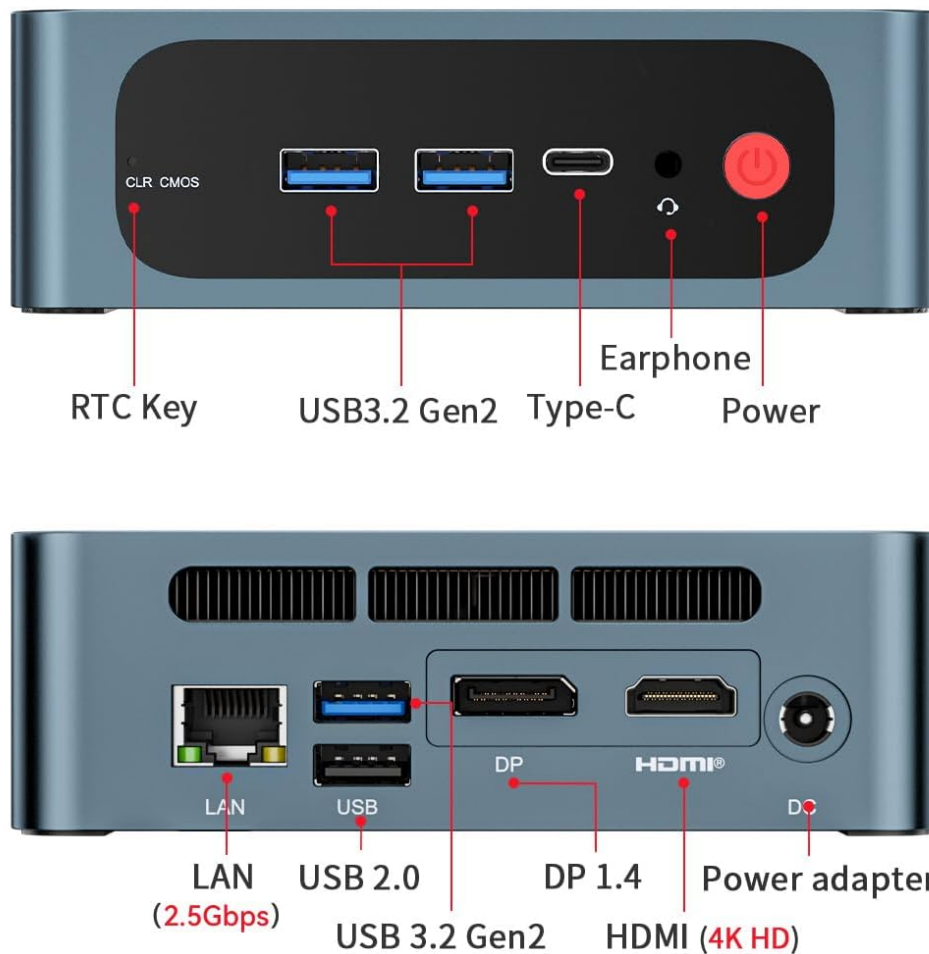


Image: Rear panel of the TRIGKEY S5 Mini PC. It includes a LAN port, two USB 2.0 ports, a DisplayPort, an HDMI port, and a DC power input.

- **LAN Port (Gigabit Ethernet):** For wired network connection.
- **USB 2.0 Ports (x2):** For connecting USB peripherals.
- **DisplayPort (DP):** For connecting to a display.
- **HDMI Port:** For connecting to a display.
- **DC Power Input:** Connect the power adapter here.

## Internal Components

# A farewell to waiting

M.2 2280 Nvme SSD, Max **2TB**, with an optional storage of **500GB**



*Image: A detailed view of the AMD Ryzen processor, which is the core component of the Mini PC, emphasizing its multi-core architecture and clock speed.*

- **CPU:** AMD Ryzen™ 7 5850U Processor (8 Cores, 16 Threads, up to 4.4GHz).
- **GPU:** Integrated AMD Radeon™ Graphics (8 Cores, 2000MHz).
- **RAM:** 16GB DDR4 3200MHz (expandable up to 64GB).
- **Storage:** 500GB PCIE3.0 NVMe SSD (expandable up to 2TB).
- **Cooling:** Features a quiet cooling fan for efficient heat dissipation.
- **Wireless Connectivity:** Wi-Fi 6 and Bluetooth 5.2 for stable and fast wireless connections.

## 5. SETUP GUIDE

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### 5.1 Initial Connection

1. **Connect to Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. You can also use the DisplayPort or USB Type-C for video output.
2. **Connect Peripherals:** Plug in your USB keyboard and mouse into the available USB ports.
3. **Connect Power:** Connect the power adapter to the DC power input on the rear panel, then plug the adapter into a power outlet.
4. **Power On:** Press the power button on the front panel to turn on the Mini PC.

## 5.2 VESA Mount Installation (Optional)

The Mini PC can be mounted to the back of a compatible monitor using the included VESA mount bracket.

1. Attach the VESA mount bracket to the back of your monitor using the provided screws.
2. Slide the Mini PC onto the mounted bracket until it clicks securely into place.

## 6. OPERATING INSTRUCTIONS

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### 6.1 First Boot and Operating System

Upon first boot, the Mini PC will guide you through the initial setup of the pre-installed Windows 11 Pro operating system. Follow the on-screen prompts to configure your settings, network, and user account.

The device also supports Windows 10 and Ubuntu. You can install these operating systems according to your preferences.

### 6.2 Connecting to a Network

- **Wired Connection:** Connect an Ethernet cable from your router or modem to the LAN port on the rear panel of the Mini PC.
- **Wireless Connection (Wi-Fi 6):**
  - a. Click the Wi-Fi icon in the system tray (usually bottom-right of the screen).
  - b. Select your desired Wi-Fi network from the list.
  - c. Enter the network password if prompted and click "Connect".

### 6.3 Triple Display Setup

The TRIGKEY S5 Mini PC supports connecting up to three displays simultaneously for enhanced productivity or an immersive visual experience.

# Triple display support

Multi-screen display, simultaneous multi-program



*Image: The TRIGKEY S5 Mini PC connected to three external monitors, demonstrating its triple display support via HDMI, DisplayPort, and USB Type-C outputs.*

1. Connect your primary display to the HDMI port.
2. Connect a second display to the DisplayPort.
3. Connect a third display to the USB Type-C port (ensure your monitor supports video input via USB-C or use an appropriate adapter).
4. Once connected, right-click on the desktop, select "Display settings", and configure your displays (e.g., extend, duplicate) as needed.

## 6.4 Audio Playback Devices on Windows

To change your audio output device (speakers, headphones, etc.):

1. Click the sound icon in your notification area (system tray).
2. Click the "Select playback device" option.
3. Choose the desired playback device from the menu.

## 7. MEMORY AND STORAGE EXPANSION

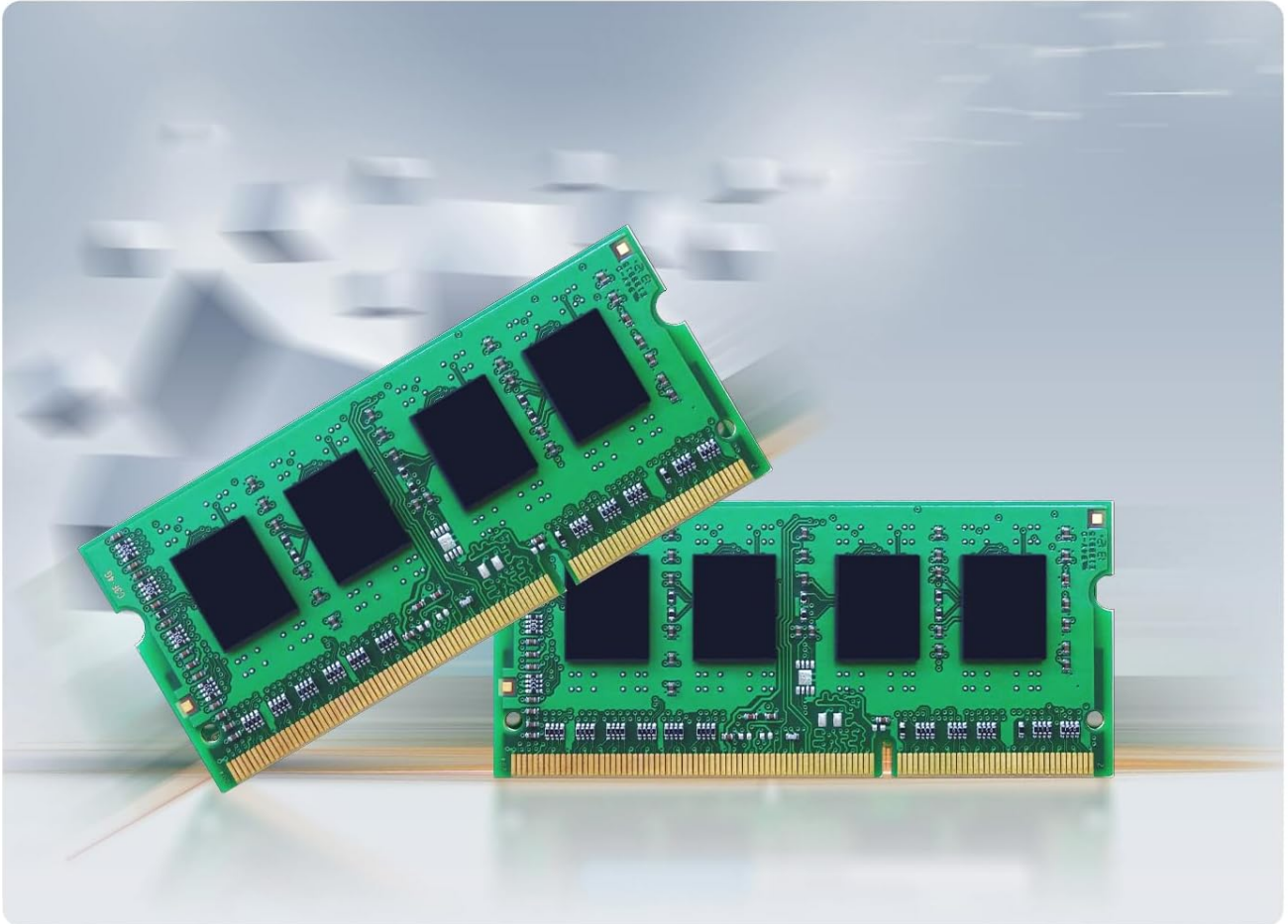
The TRIGKEY S5 Mini PC allows for memory (RAM) and storage (SSD/HDD) expansion.

## 7.1 RAM Installation

The Mini PC supports up to 64GB of DDR4 3200MHz RAM (via two 32GB modules).

# Max 64GB of memory, playing games and working more smoothly

Support up to **32GB 3200MHz** RAM in single card slot/ **64GB 3200MHz** in dual card slot  
Optional DDR4 **8GB (8GB\*1)/16GB(8GB\*2)**.



\*Subject to the official speed

*Image: Two DDR4 RAM modules, illustrating the type of memory compatible with the TRIGKEY S5 Mini PC for upgrades.*

1. **Power Off:** Ensure the Mini PC is completely powered off and disconnected from the power supply.
2. **Open Case:** Unscrew the four screws at the bottom of the device and carefully lift the back panel.
3. **Remove Original RAM (if upgrading):** Gently push the clips on both sides of the RAM module outward to release it, then lift the module.
4. **Install New RAM:** Align the notch on the new RAM module with the slot on the motherboard. Insert the memory at a 30-degree angle and push down until the clips snap into place.
5. **Close Case:** Reattach the back panel and secure it with the screws.

## 7.2 SSD/HDD Installation

The Mini PC supports M.2 2280 NVMe SSDs up to 2TB and 2.5-inch SSD/HDD expansion up to 2TB.

# AMD Ryzen™ 5 5500U

6 Cores 12 Threads, Max 4.0GHz



**4.0** GHz

CPU  
6 Cores 12 Threads

**1800** MHz

Graphics Card  
Frequency

**7** nm

Processor Technology  
for CPU Cores

**64** GB

Max Memory  
Size

*Image: An M.2 2280 NVMe SSD, indicating the type of high-speed storage compatible with the TRIGKEY S5 Mini PC.*

1. **Power Off:** Ensure the Mini PC is completely powered off and disconnected from the power supply.
2. **Open Case:** Unscrew the four screws at the bottom of the device and carefully lift the back panel.
3. **Install M.2 NVMe SSD:** Align the notches on the SSD with the tabs in the M.2 slot on the motherboard. Slide the SSD in and then secure it with the provided screw.
4. **Install 2.5-inch SSD/HDD:** If applicable, connect the 2.5-inch drive to the SATA connector and place it in the designated bay. Secure it with screws if necessary.
5. **Close Case:** Reattach the back panel and secure it with the screws.

## 8. SPECIFICATIONS

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Feature	Description
Brand	TRIGKEY
Model Name	S5
CPU	AMD Ryzen™ 7 5850U Processor (8 Cores, 16 Threads, up to 4.4GHz)
GPU	Integrated AMD Radeon™ Graphics (8 Cores, 2000MHz)
RAM	16GB DDR4 3200MHz (Expandable up to 64GB)
Storage	500GB PCIe3.0 NVMe SSD (Expandable up to 2TB M.2 2280 NVMe SSD or 2.5-inch SSD/HDD)
Operating System	Windows 11 Pro (Supports Windows 10, Ubuntu)
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth 5.2
LAN	Gigabit Ethernet (1000M)
Video Output	HDMI (4K@60Hz), DisplayPort (4K@60Hz), USB Type-C (4K@60Hz) - Triple Display Support
USB Ports	3x USB 3.2, 1x USB 2.0, 1x USB Type-C
Audio	1x Audio Jack (HP&MIC)
Power Consumption	45 Watts
Additional Features	Wake On Lan, Wake On Power, CLR CMOS button

## 9. TROUBLESHOOTING

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- **No Power:**

- Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- Check if the power outlet is functional by plugging in another device.

- **No Display:**

- Verify that the HDMI/DisplayPort/USB-C cable is correctly connected to both the Mini PC and the monitor.
- Ensure the monitor is powered on and set to the correct input source.
- Try a different display cable or monitor if available.

- **No Audio:**

- Check the audio output settings in your operating system (refer to section 6.4).
- Ensure speakers or headphones are properly connected and their volume is turned up.

- **Network Connectivity Issues:**

- For wired connections, ensure the Ethernet cable is securely plugged in and your router/modem is working.
- For Wi-Fi, check if the Wi-Fi adapter is enabled and you are connected to the correct network with the right password.
- Restart your router/modem and the Mini PC.

- **Slow Performance:**

- Close unnecessary applications running in the background.
- Ensure the Mini PC has adequate ventilation to prevent thermal throttling.
- Check for available operating system updates and driver updates.

## 10. WARRANTY AND SUPPORT

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TRIGKEY provides a one-year warranty for the S5 Mini PC. For technical assistance, customer service, or warranty claims, please contact TRIGKEY customer support.

- **Customer Service:** Available 7 days a week, 24 hours a day.
- **Technical Support:** Lifetime technical support is provided.
- **Contact Information:** Refer to the official TRIGKEY website or the contact details provided in your product packaging for the most up-to-date support channels.
- **Returns:** 30-day no-reason return policy.

For more information, visit the TRIGKEY Store on Amazon.