

TRIGKEY S5

TRIGKEY S5 Mini PC User Manual

Model: S5

1. INTRODUCTION

The TRIGKEY S5 Mini PC is a compact and powerful desktop computer designed for various applications, from office work and content creation to home entertainment. It features an AMD Ryzen 7 5800H processor, integrated AMD Radeon Graphics, and supports multiple displays for enhanced productivity.



Image 1.1: Front view of the TRIGKEY S5 Mini PC, showcasing its compact design and port layout.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- TRIGKEY S5 Mini PC
- Power Adapter
- HDMI Cable
- User Manual
- SATA Cable for 2.5" SSD (for optional storage expansion)
- Mounting Bracket and Screws

3. PHYSICAL OVERVIEW AND PORTS

The TRIGKEY S5 Mini PC is designed with a durable ABS material body and a full metal mesh for efficient ventilation. Familiarize yourself with the various ports and components:

Material details show

The use of ABS material body and full metal mesh, thin and compact, outstanding texture.



Image 3.1: Detailed view of the TRIGKEY S5 Mini PC's front and rear ports, including USB, HDMI, DisplayPort, and LAN connections.

Front Ports:

- **USB 3.2 Gen2 (Type-A):** High-speed data transfer.
- **USB-C:** Supports video output and data transfer.
- **Audio Jack (HP&MIC):** For headphones and microphone.
- **Power Button:** To power on/off the device.

Rear Ports:

- **HDMI (4K@60Hz):** Connects to a display.
- **DisplayPort (4K@60Hz):** Connects to a display.
- **USB 3.2 Gen2 (Type-A):** High-speed data transfer.
- **USB 2.0 (Type-A):** Standard USB connection.

- **RJ45 LAN (1000M Mbps):** For wired network connection.
- **DC Input:** For power adapter connection.

4. INITIAL SETUP

1. **Connect Peripherals:** Connect your keyboard, mouse, and any other USB devices to the available USB ports.
2. **Connect Display(s):** Connect your monitor(s) to the HDMI, DisplayPort, or USB-C video output ports. The Mini PC supports up to three 4K displays simultaneously.
3. **Connect to Network:** For wired internet, connect an Ethernet cable to the RJ45 LAN port. For wireless internet, the device supports Wi-Fi 6.
4. **Connect Power:** Plug the power adapter into the DC input port on the Mini PC, then plug the adapter into a power outlet.
5. **Power On:** Press the power button on the front of the Mini PC. The system will boot up.



Image 4.1: The TRIGKEY S5 Mini PC connected to three external monitors, demonstrating its triple-screen display capability for multitasking.

5. OPERATING SYSTEM AND DRIVER INSTALLATION

The TRIGKEY S5 Mini PC typically comes with Windows 11 pre-installed. If you need to reinstall the operating system or install drivers, follow the instructions below.

5.1. Installing Windows 11

This video provides a step-by-step guide on how to install Windows 11 on a Beelink Mini PC, which uses a similar process for the TRIGKEY S5.

Video 5.1: Instructions for installing Windows 11 on a Mini PC. This video demonstrates the process of creating a bootable USB drive and performing a clean installation of Windows 11.

1. **Prepare a USB Drive:** Obtain a blank USB drive with a minimum capacity of 8GB. Back up any important data from the USB drive as it will be formatted.
2. **Download Media Creation Tool:** On another computer, visit the official Microsoft website to download the Windows 11 Media Creation Tool.
3. **Create Bootable USB:** Run the Media Creation Tool, select 'USB flash drive' as the media type, and follow the on-screen prompts to create a bootable Windows 11 installation drive.
4. **Connect USB Drive:** Insert the bootable USB flash drive into a USB port on your TRIGKEY S5 Mini PC.
5. **Enter Boot Menu:** Power on the Mini PC and repeatedly press the designated key (commonly F7 or Delete, refer to your specific model's boot instructions if F7 does not work) to enter the boot menu.
6. **Select USB Drive:** From the boot menu, select your USB flash drive as the boot device and press Enter.
7. **Follow Windows Setup:** The PC will enter the Windows 11 setup. Follow the on-screen instructions to select language, edition (e.g., Windows 11 Pro), accept license terms, and choose 'Custom: Install Windows only (advanced)'.
8. **Partition Management:** If reinstalling on an old disk, it is recommended to delete existing partitions (after backing up data) to ensure a clean installation. Select the unallocated space and click 'Next' to install.
9. **Complete Installation:** The system will install Windows 11 and restart multiple times. After the final restart, you will be guided through the basic Windows settings.

5.2. Installing Drivers

After Windows 11 is installed, you may need to install specific drivers for optimal performance and functionality.

1. **Download Drivers:** Visit the official TRIGKEY support website (or the provided support email/phone for guidance) to download the latest drivers for your S5 Mini PC model. Unzip the downloaded driver package to a known location (e.g., Desktop).
2. **Open Device Manager:** Search for 'Device Manager' in the Windows search bar and open it.
3. **Identify Missing Drivers:** Look for devices listed under 'Other devices' or with a yellow exclamation mark, indicating missing or outdated drivers.
4. **Update Driver:** Right-click on the device with the missing driver, select 'Update driver', then 'Browse my computer for drivers'.
5. **Select Driver Folder:** Navigate to the folder where you unzipped the downloaded drivers and click 'OK', then 'Next' to install. Repeat this process for all necessary drivers.

6. HARDWARE UPGRADES

The TRIGKEY S5 Mini PC offers options for memory and storage expansion.

6.1. Memory (RAM) Upgrade

The Mini PC comes with 32GB of DDR4-3200MHz RAM (16GB x 2) and supports an upgrade to a maximum of 64GB (2 x 32GB) SO-DIMM DDR4-3200MHz RAM.

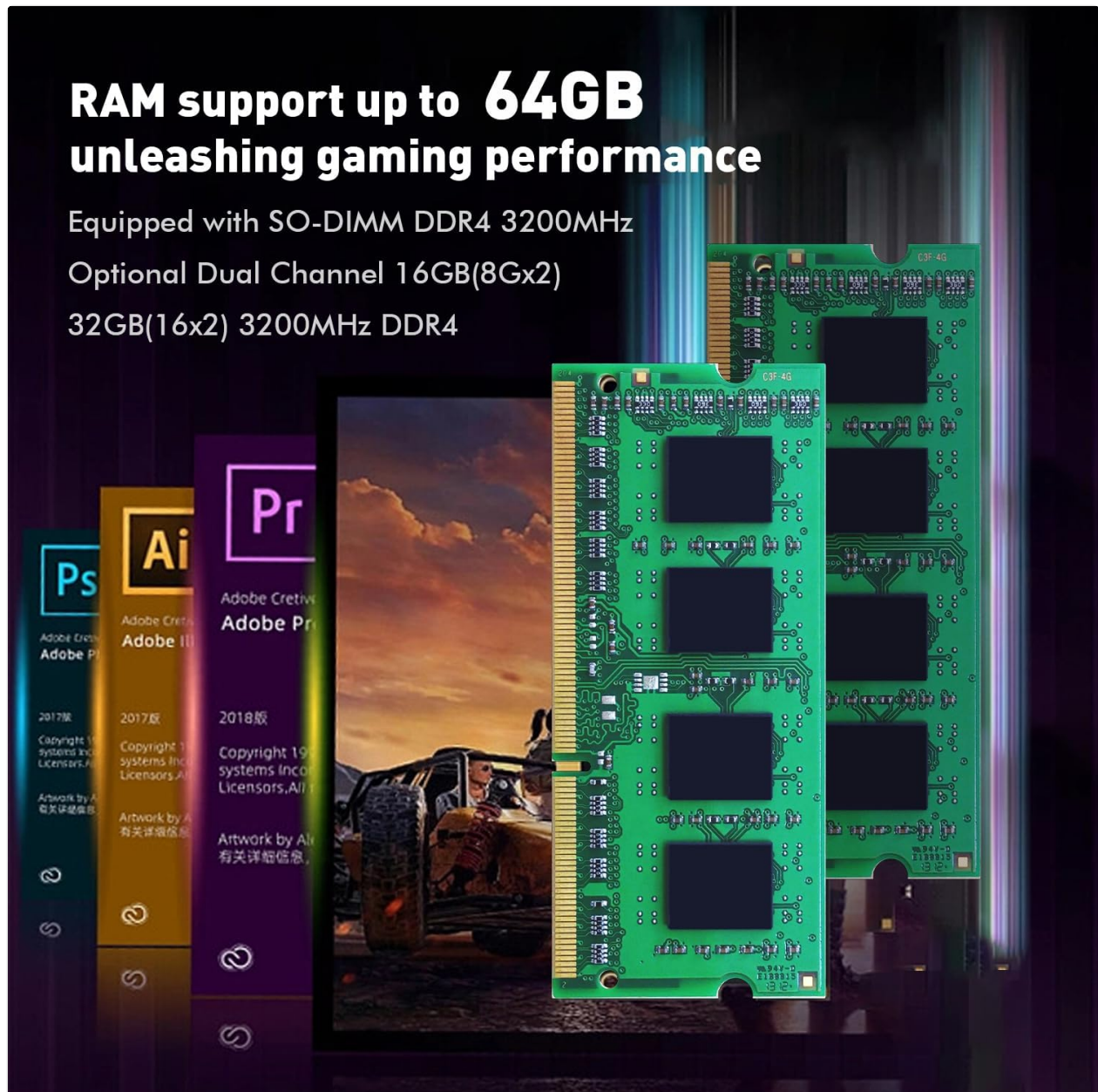


Image 6.1: Illustration of SO-DIMM DDR4 RAM modules, indicating support for up to 64GB memory upgrade.

6.2. Storage Upgrade

The Mini PC includes a 500GB M.2 PCIe 2280 NVMe SSD. This can be expanded up to 2TB. Additionally, it supports adding a 500GB to 2TB 2.5-inch SATA HDD or SSD (not included).



Image 6.2: An M.2 2280 NVMe SSD, highlighting its high read/write speeds and capacity for storage expansion.

7. COOLING SYSTEM

The TRIGKEY S5 Mini PC incorporates an efficient cooling system to maintain optimal performance. It features a large copper plate and double heat pipes, combined with a cooling fan, to dissipate heat effectively and smoothly.



Image 7.1: Diagram illustrating the heat dissipation system of the Mini PC, showing the large fan and heat sink design.

8. SPECIFICATIONS

Feature	Specification
Processor	AMD Ryzen 7 5800H (8 Cores/16 Threads, up to 4.4GHz)
Graphics	Integrated AMD Radeon Graphics (8 Cores, 2000MHz)
RAM	32GB DDR4-3200MHz (2x16GB), expandable to 64GB
Storage	500GB M.2 PCIe 2280 NVMe SSD, expandable to 2TB M.2 NVMe SSD + 2.5-inch SATA HDD/SSD (up to 2TB)
Video Output	HDMI (4K@60Hz), DisplayPort (4K@60Hz), USB-C (Video&Data) - Triple Display Support
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth 5.2
Wired Connectivity	1x RJ45 LAN (1000M Mbps)
USB Ports	3x USB 3.2 Gen2, 1x USB 2.0, 1x USB-C
Audio	1x Audio Jack (HP&MIC)
Operating System	OS (Typically Windows 11)
Dimensions	22.71 x 13.59 x 5.89 cm
Weight	989 g

9. TROUBLESHOOTING

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Check the power button for any damage.
- **No Display:** Verify that display cables (HDMI, DisplayPort, USB-C) are firmly 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 single display to isolate the issue.

- **No Internet Connection:** For wired connections, check the Ethernet cable and router. For Wi-Fi, ensure the Wi-Fi adapter drivers are installed and the correct network is selected with the right password.
- **Slow Performance:** Check for background applications consuming resources. Ensure sufficient free storage space. Consider upgrading RAM or SSD if performance issues persist.
- **Peripheral Not Detected:** Try connecting the peripheral to a different USB port. Ensure necessary drivers for the peripheral are installed.


10. WARRANTY AND SUPPORT

TRIGKEY provides online customer service and lifetime technical support for your Mini PC. If you encounter any issues not covered in this manual or require further assistance, please contact our support team.

- **Email Support:** support@trigkey.com
- **Telephone Support:** +86 18138216795

Related Documents - S5

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	<p>TRIGKEY Green G5 Mini PC User Manual</p> <p>User manual for the TRIGKEY Green G5 Mini PC featuring Intel 12th Gen Alder Lake-N100 CPU, 16GB DDR5 RAM, 500GB NVMe SSD, Dual 2.5G LAN, Wi-Fi 6, and Bluetooth 5.2.</p>
	<p>TRIGKEY G2 GREEN Mini PC User Manual - Setup, Operation, and Support</p> <p>Comprehensive user manual for the TRIGKEY G2 GREEN Mini PC, covering basic operation, VESA mount installation, component installation (RAM, SSD), connection steps, audio device configuration, troubleshooting, and after-service information.</p>
	<p>TRIGKEY S3 USB Flash Drive User Manual - 2A4J2-S3</p> <p>Official user manual for the TRIGKEY S3 USB flash drive (model 2A4J2-S3) by ShenZhen AZW Technology CO.,LTD. Provides product details and usage information.</p>
	<p>How to Create a Bootable Windows 10 USB and Install Windows</p> <p>A comprehensive guide on creating a bootable Windows 10 USB drive using Microsoft's Media Creation Tool and performing a clean installation on a PC, including boot selection and drive management.</p>

