

TRIGKEY S6 Pro 7735HS

TRIGKEY Mini PC S6 Pro AMD Ryzen 7 7735HS User Manual

Model: S6 Pro 7735HS

1. INTRODUCTION

This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your TRIGKEY Mini PC S6 Pro. The S6 Pro is a compact desktop computer featuring an AMD Ryzen 7 7735HS processor, designed for various tasks from daily computing to demanding applications and gaming.

The device supports high-performance computing with its 8-core, 16-thread processor, advanced integrated graphics, and high-speed DDR5 RAM. It offers extensive connectivity options including Wi-Fi 6, Bluetooth 5.2, 2.5G LAN, and multiple display outputs for a versatile user experience.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- TRIGKEY Mini PC S6 Pro
- User Manual
- VESA Mount Bracket
- HDMI Cables
- Power Adapter (Output: 19V/5.26A)

Wide Range of Interfaces

Rich interfaces meet all kinds of needs

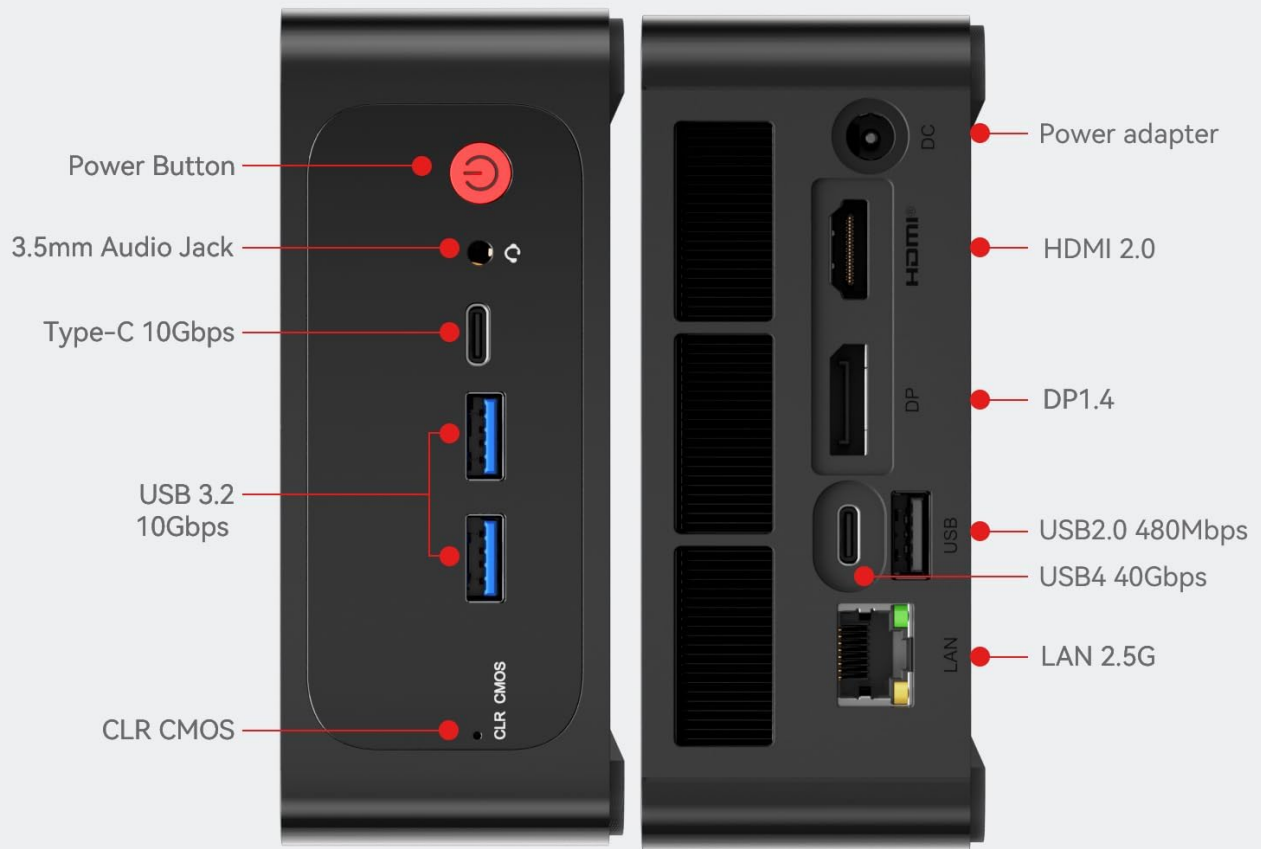


Image: Included accessories for the TRIGKEY Mini PC S6 Pro, including the user manual, VESA mount, HDMI cables, and power adapter.

3. PRODUCT OVERVIEW

The TRIGKEY Mini PC S6 Pro features a compact design with essential ports for connectivity and expansion.

Heat Dissipation Upgrade-System Fan

The system fan accelerates the air flow, providing efficient cooling for the RAM and the SSD.



Image: Diagram illustrating the front and rear interfaces of the TRIGKEY Mini PC S6 Pro, including power button, USB ports, HDMI, DP, Type-C, and LAN.

Front Panel Interfaces:

- **Power Button:** To turn the device on or off.
- **3.5mm Audio Jack:** For headphones or microphones.
- **Type-C (10Gbps):** For data transfer and display output.
- **USB 3.2 (10Gbps) x 2:** High-speed data transfer ports.
- **CLR CMOS:** Button to clear CMOS settings (use with caution).

Rear Panel Interfaces:

- **DC Power Input:** Connect the power adapter here.
- **HDMI 2.0:** For display output.
- **DP 1.4:** For display output.
- **USB 2.0 (480Mbps):** Standard USB port.
- **USB 4.0 (40Gbps):** High-speed data transfer and display output.

- **LAN 2.5G:** For wired network connection.

4. SETUP INSTRUCTIONS

4.1 Initial Connection

1. **Connect Display:** Use an HDMI or DisplayPort cable to connect your monitor(s) to the corresponding ports on the Mini PC. The device supports triple display output via HDMI, DP, and Type-C/USB 4.0.
2. **Connect Peripherals:** Plug in your keyboard, mouse, and any other USB devices into the available USB ports.
3. **Connect Network:** For a wired connection, plug an Ethernet cable into the 2.5G LAN port. For wireless, ensure your Wi-Fi network is available.
4. **Connect Power:** Insert the power adapter cable into the DC power input port on the Mini PC, then plug the adapter into a power outlet.

4.2 Power On

Press the Power Button located on the front panel of the Mini PC. The power indicator light will illuminate, and the system will begin to boot up.

5. OPERATING SYSTEM AND STORAGE

5.1 Pre-installed Operating System

The TRIGKEY Mini PC S6 Pro comes with a pre-activated OS (Operating System) installed. Upon first boot, follow the on-screen instructions to complete the initial setup of the operating system.

5.2 Installing Other Operating Systems

The Mini PC supports various operating systems, including WOS and Ubuntu. To install a different OS, you will typically need to:

1. Create a bootable USB drive with your desired OS installation media.
2. Access the BIOS/UEFI settings during startup (usually by pressing Del or F2).
3. Configure the boot order to prioritize the USB drive.
4. Follow the on-screen instructions of the OS installer.

5.3 Storage Expansion

The Mini PC supports expansion of its internal storage. You can add a 2.5-inch SSD or HDD (up to 2TB) to increase your storage capacity. Refer to the detailed instructions in the included user manual for physical installation steps.

6. CONNECTIVITY

6.1 Wireless Connectivity

The S6 Pro is equipped with Wi-Fi 6 for high-speed wireless internet access, offering speeds up to 2400 Mbps, which is significantly faster than Wi-Fi 5. It also features Bluetooth 5.2 for seamless connection to wireless peripherals such as keyboards, mice, and audio devices.



Image: Representation of wireless network coverage, illustrating the device's Wi-Fi capabilities.

6.2 Wired Network

A 2.5G LAN port is provided for a stable and high-speed wired network connection, suitable for applications requiring consistent bandwidth.

6.3 Multi-Display Support

The Mini PC supports triple display output at 4K resolution with refresh rates up to 120Hz/160Hz via its HDMI, DisplayPort (DP), and Type-C/USB 4.0 interfaces. This allows for enhanced productivity by extending your desktop across multiple screens.



Image: Illustration of a multi-monitor setup, demonstrating the Mini PC's capability to connect to multiple displays.

7. PERFORMANCE FEATURES

7.1 AMD Ryzen 7 7735HS Processor

The S6 Pro is powered by the AMD Ryzen 7 7735HS processor, featuring 8 cores and 16 threads with a base clock frequency of 3.20 GHz and a maximum turbo frequency of 4.75 GHz. This processor utilizes the 'Zen 3+' architecture for improved single-core performance and power efficiency.



Image: Detailed specifications of the AMD Ryzen 7 7735HS processor, highlighting its core count, clock speeds, and architecture.

7.2 DDR5 RAM

The system is equipped with 32GB of DDR5 5600MHz RAM, supporting up to 64GB in dual-channel configuration. DDR5 memory provides higher bandwidth and improved performance compared to previous generations.

7.3 Integrated Graphics

The Mini PC features integrated AMD Radeon Graphics with 12 cores and a clock speed of 2200 MHz, capable of handling daily design tasks and most low-power games, while delivering high-definition visuals.

7.4 Heat Dissipation

An optimized heat dissipation system with a dedicated system fan accelerates airflow, providing efficient cooling for the RAM and SSD. This design helps maintain stable performance during extended use.

Accessories



1.User manual



2.VESA-mount bracket



3.HDMI cables



4.Output: 19V/5.26A

Image: Diagram illustrating the internal heat dissipation system, showing the system fan and airflow for cooling the RAM and SSD.

8. MAINTENANCE

8.1 General Cleaning

To ensure optimal performance and longevity, regularly clean the exterior of the Mini PC with a soft, dry cloth. Use compressed air to gently clear dust from ventilation openings to prevent overheating. Ensure the device is powered off and unplugged before cleaning.

8.2 Ventilation

Always place the Mini PC in a well-ventilated area. Avoid blocking the air vents on the sides and back of the device. Do not place the PC on soft surfaces that could obstruct airflow.

9. TROUBLESHOOTING

This section addresses common issues you might encounter with your Mini PC.

9.1 No Power

- Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- Verify that the power outlet is functional by testing it with another device.
- Check the power adapter for any visible damage.

9.2 No Display Output

- Confirm that the monitor is powered on and set to the correct input source (HDMI, DP, or Type-C).
- Ensure display cables are securely connected to both the Mini PC and the monitor.
- Try using a different display cable or monitor to rule out faulty equipment.

9.3 Network Connectivity Issues

- **Wired:** Check if the Ethernet cable is properly connected to the LAN port and your router/modem. Verify router status.
- **Wireless:** Ensure Wi-Fi is enabled in the operating system. Check if the correct Wi-Fi network is selected and the password is entered correctly. Restart your router/modem.

9.4 Audio Output Issues

- Check volume settings in the operating system and on your connected audio device.
- Ensure the correct audio output device is selected in your sound settings.
- If experiencing issues with sound configuration when switching between programs or headphones, this may indicate a hardware-related sound card behavior. Ensure drivers are up to date.

10. SPECIFICATIONS

Feature	Specification
Brand	TRIGKEY
Item Model Number	S6 6600H (Series: S6 Pro 7735HS)
Operating System	OS (Supports WOS, Ubuntu)
Processor Brand	AMD
Processor Type	AMD Ryzen 7
Processor Model	AMD Ryzen 7 7735HS
Processor Speed	4.75 GHz (Max Turbo)
Number of Cores	8
RAM	32 GB DDR5
Maximum Memory	64 GB
Hard Drive Size	500 GB
Hard Drive Technology	SSD

Feature	Specification
Hard Drive Interface	SSD
Resolution	4K Ultra HD (3840 x 2160)
Graphics Chipset Brand	AMD
Graphics Card Description	Integrated
GPU / Graphics Coprocessor	Integrated Graphics
Graphics RAM Type	SO-DIMM
Processor Socket	FP7
Connectivity Type	Wi-Fi
Wireless Technology Type	Bluetooth (BT5.2), Wi-Fi (Wi-Fi 6)
Hardware Interface	Ethernet (2.5G), HDMI, DisplayPort, USB (USB 3.2, USB 2.0, USB 4.0), Type-C
Number of HDMI Ports	1
Connector Type	HDMI, DP, USB, Ethernet, Type-C
Device Compatibility	Monitor, Printer, Headset, Speaker, Television, Smartphone
Package Dimensions	16 x 13.7 x 10.6 cm
Item Weight	1.13 kilograms
Specific Uses for Product	Multimedia, Daily Use, Education
PC Type	Mini PC

11. WARRANTY AND SUPPORT

TRIGKEY provides comprehensive support for your Mini PC S6 Pro:

- **One-Year Warranty:** Your purchase is covered by a one-year warranty from the date of purchase.
- **24/7 Customer Service:** Personalized customer service is available 7 days a week, 24 hours a day.
- **Lifetime Technical Support:** Enjoy lifetime technical assistance for your product.

For further assistance or inquiries, please refer to the contact options provided by TRIGKEY.

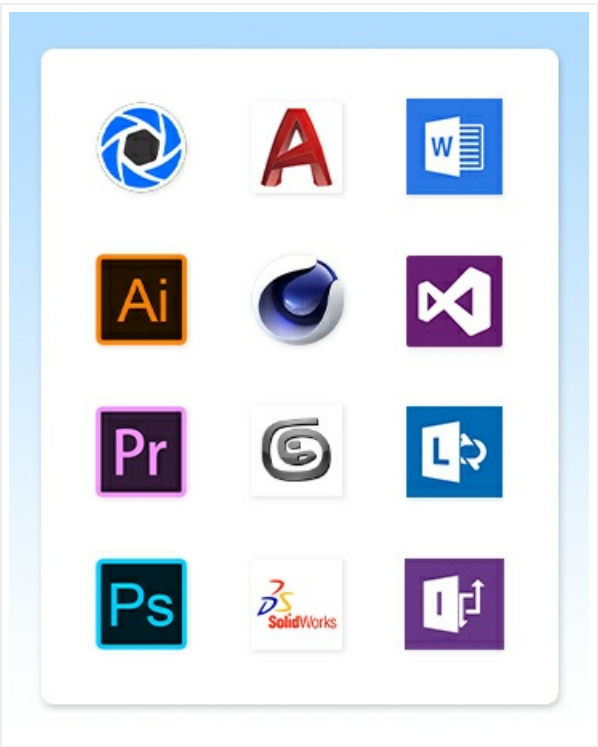
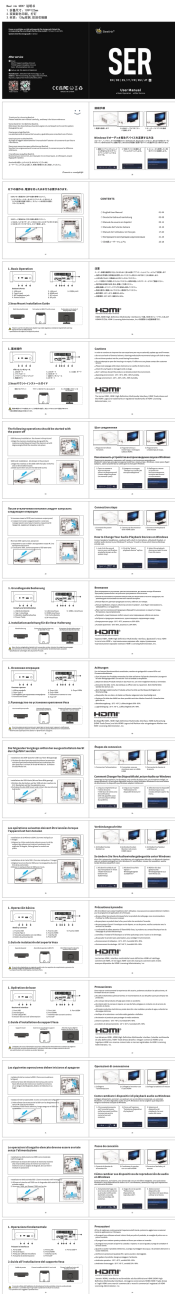


Image: Icons representing various TRIGKEY customer support channels, including email, consultation, website, and technical support.

Related Documents - S6 Pro 7735HS

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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>



[Beelink SER6 Pro Mini PC User Guide and Specifications](#)

Comprehensive guide to the Beelink SER6 Pro Mini PC, featuring AMD Ryzen 7 7735HS processor, 32GB DDR5 RAM, 500GB NVMe SSD, and triple display support. Includes technical specifications and usage instructions.



[ASRock B850M Pro RS & B850M Pro RS WiFi Motherboard User Manual](#)

This user manual provides comprehensive details for the ASRock B850M Pro RS and ASRock B850M Pro RS WiFi motherboards. It includes specifications, installation guides, motherboard layout, I/O panel details, and connectivity options for PC builders and enthusiasts.



[Manuel Utilisateur Carte Mère ASRock B850 Pro RS & B850 Pro RS WiFi](#)

Ce manuel utilisateur détaille l'installation, les spécifications et les fonctionnalités des cartes mères ASRock B850 Pro RS et B850 Pro RS WiFi. Il inclut le contenu de l'emballage, les caractéristiques techniques, la disposition de la carte mère, les options de connectivité et les guides d'installation pour divers composants.