GenMachine Ren7000 (R7 7735HS 32G 512G)

GenMachine Mini PC AMD Ryzen 7 7735HS User Manual

Model: Ren7000 (R7 7735HS 32G 512G)

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your GenMachine Mini PC AMD Ryzen 7 7735HS. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

2. SAFETY INFORMATION

Observe the following safety guidelines to prevent damage to the device or injury to yourself:

- Do not expose the device to water, moisture, or extreme temperatures.
- Ensure proper ventilation to prevent overheating. Do not block ventilation openings.
- Use only the provided power adapter.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- GenMachine Mini PC
- User Manual
- Power Adapter
- HDMI Cable
- Mounting Bracket (with screws)

Packing List

1 Mini PC   **2** User manual   **3** Packing box

4 Power adapter   **5** HDMI line   **6** Bracket

Image: Package Contents. This image displays the items included in the GenMachine Mini PC box: the Mini PC unit, user manual, power adapter, HDMI cable, and a mounting bracket with screws.

4. PRODUCT OVERVIEW

The GenMachine Mini PC is a compact, high-performance computer designed for various applications, from home office tasks to multimedia consumption. Its small footprint allows for versatile placement.

Image: Front View of GenMachine Mini PC. This image shows the front panel of the GenMachine Mini PC, featuring the power button, USB-C port, audio jack, and two USB 3.0 ports.

4.1 Front Panel

- **Power Button:** Press to turn on/off the device.
- **USB-C Port:** For data transfer and display output.
- **Audio Jack:** For headphones or external speakers.
- **USB 3.0 Ports (x2):** For connecting peripherals like keyboards, mice, or external storage.

4.2 Rear Panel

Superb Networking

GenMachine Yi features a full-function USB 4.0 port for versatile and efficient computing. Dual 2.5G network ports ensure faster and more secure connections.

Image: Rear View of GenMachine Mini PC. This image illustrates the rear panel of the Mini PC, highlighting the power input, HDMI ports, Ethernet ports, and additional USB ports.

- **Power Input (DC IN):** Connect the power adapter here.
- **HDMI Ports (x2):** Connect to monitors or TVs for video output. Supports 4K resolution.
- **Ethernet Ports (x2):** For wired network connections (Dual 2.5G).
- **USB 2.0 Ports (x2):** For connecting various USB devices.

4.3 Design and Dimensions

Maximize Your Space

GenMachine Mini PC: Ultra-durable, lightweight metal casing space-saving and powerful, suitable for any work environment.

1/40

ONLY One-fortieth of the Volume of a Traditional Tower Chassis

126mm 130mm 40mm

Compact
0.65L

Lightweight
600G

Image: GenMachine Mini PC Size Comparison. This image compares the compact size of the GenMachine Mini PC to a traditional tower chassis, illustrating its space-saving design. Dimensions are shown as 126mm x 130mm x 40mm.

The GenMachine Mini PC features an ultra-durable, lightweight metal casing. Its compact design (approximately 126 x 130 x 40 mm) makes it significantly smaller than traditional desktop computers, ideal for any work environment.

5. SETUP

5.1 Connecting Peripherals

1. Connect your monitor(s) to the HDMI ports or the USB-C port using appropriate cables.
2. Connect your USB keyboard and mouse to the available USB ports.
3. If using wired internet, connect an Ethernet cable to one of the Ethernet ports.
4. Connect the power adapter to the DC IN port on the Mini PC, then plug it into a power outlet.

5.2 Powering On

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

5.3 Initial Operating System Setup

Upon first boot, you will be guided through the operating system setup process (e.g., Windows 11). Follow the on-screen instructions to configure language, region, network, and user accounts.

6. OPERATING INSTRUCTIONS

6.1 Network Connectivity

- **Wi-Fi:** During initial setup or via the operating system's network settings, select your Wi-Fi network and enter the password. The Mini PC supports Wi-Fi 6 for faster and more stable wireless connections.
- **Ethernet:** If an Ethernet cable is connected, the system should automatically detect and connect to the wired network. The Mini PC features dual 2.5G network ports for enhanced connectivity.

6.2 Bluetooth Devices

The Mini PC supports Bluetooth 5.2. To pair a Bluetooth device (e.g., headphones, keyboard, mouse):

1. Enable Bluetooth on your device and set it to pairing mode.
2. On the Mini PC, go to the operating system's Bluetooth settings.
3. Search for and select your device from the list, then follow any on-screen prompts to complete pairing.

6.3 Multi-Display Setup

The GenMachine Mini PC supports up to four displays simultaneously, utilizing its two HDMI ports and one full-function USB-C port (which supports 4K display output).

Image: Four-Screen Display Setup. This image demonstrates the GenMachine Mini PC connected to four monitors, showcasing its multi-display capabilities for enhanced productivity.

To configure multiple displays, connect your monitors and then adjust display settings within your operating system (e.g., Extend, Duplicate, or Second screen only).

7. MAINTENANCE

7.1 Cleaning

Regularly clean the exterior of the Mini PC with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are free of dust buildup.

7.2 Software Updates

Keep your operating system and drivers updated to ensure optimal performance and security. Check for updates regularly through your operating system's settings.

7.3 Storage

When not in use for extended periods, store the Mini PC in a cool, dry place, away from direct sunlight and

extreme temperatures.

8. Troubleshooting

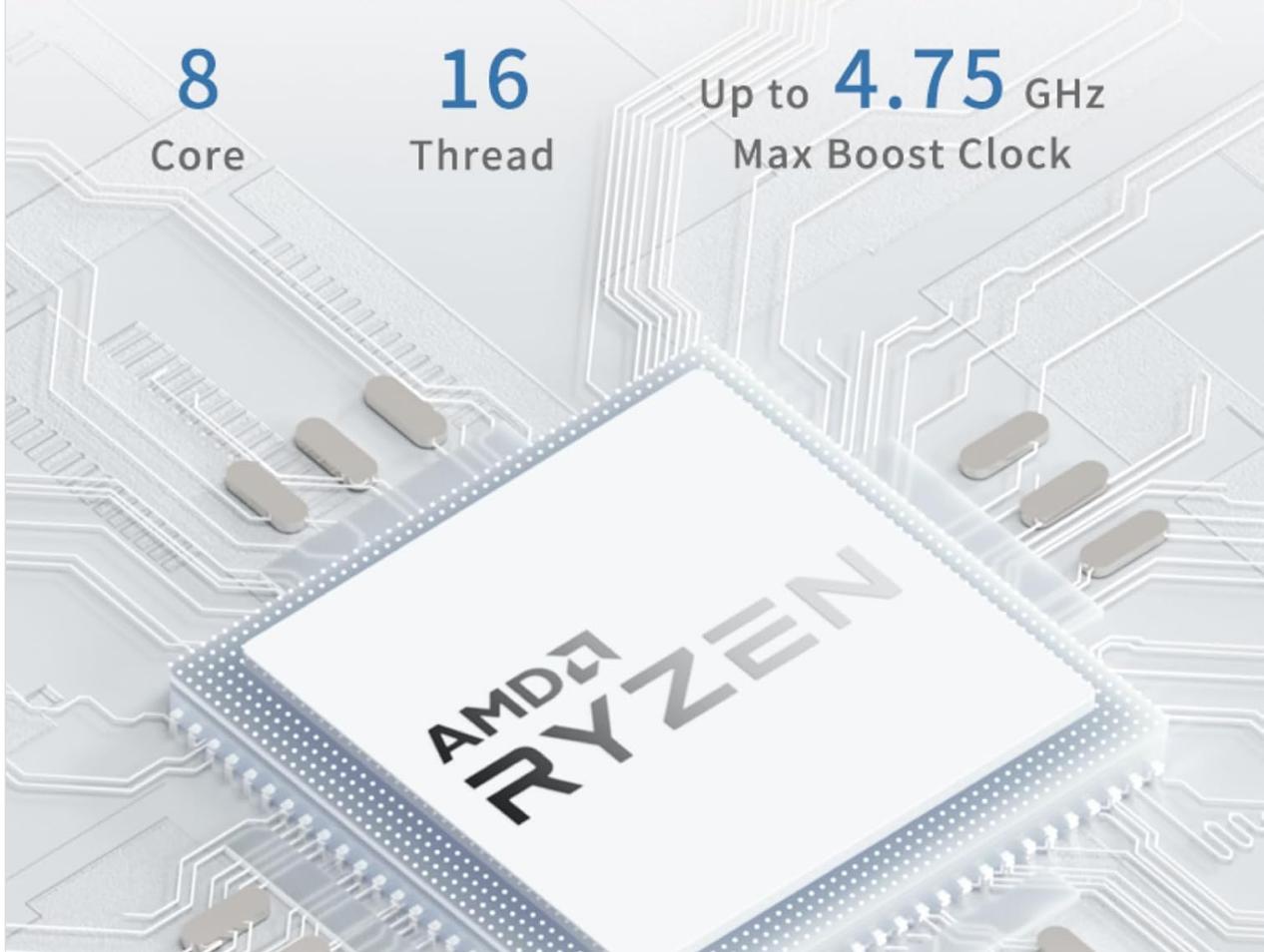| Problem	Possible Cause	Solution
No power	Power adapter not connected; power outlet faulty.	Ensure power adapter is securely connected to the Mini PC and a working power outlet. Try a different outlet.
No display on monitor	Monitor not connected; incorrect input source selected on monitor; faulty cable.	Check HDMI/USB-C cable connections. Ensure the monitor is set to the correct input source. Try a different cable or monitor.
Wi-Fi not connecting	Incorrect password; router issue; Wi-Fi adapter driver issue.	Verify Wi-Fi password. Restart your router. Check operating system settings for Wi-Fi adapter status and drivers.
System is slow or unresponsive	Too many applications running; insufficient free storage; outdated drivers.	Close unnecessary applications. Free up disk space. Update operating system and drivers. Restart the Mini PC.

9. Specifications

The following table details the technical specifications of the GenMachine Mini PC AMD Ryzen 7 7735HS:

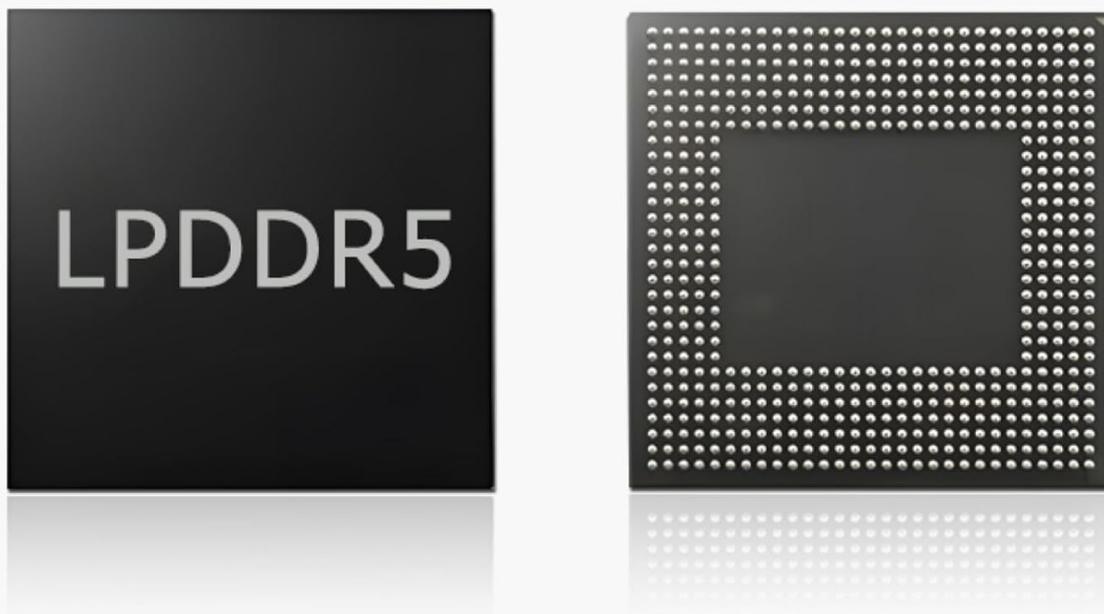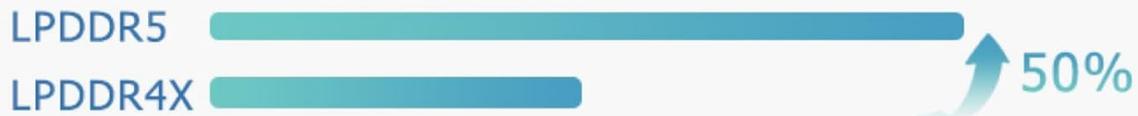| Feature	Detail
Processor	AMD Ryzen 7 7735HS (3.2 GHz, 8 Cores, 16 Threads, up to 4.75 GHz Max Boost Clock)
Graphics	AMD Radeon Graphics (Integrated, 680 MB RAM)
RAM	32GB LPDDR5 (up to 6400 Mb/s)
Storage	512GB 2280 SSD (PCIE x 16 interface)
Operating System	OS (Windows 11 typically pre-installed)
Video Output	2x HDMI (4K @ 60Hz), 1x USB-C (4K display output), supports up to 3 displays
USB Ports	2x USB 3.0, 2x USB 2.0, 1x USB-C (full-function USB 4.0 port)
Networking	Wi-Fi 6, Bluetooth 5.2, Dual 2.5G Ethernet
Audio	Audio Jack
Dimensions	6.34 x 6.3 x 3.62 inches (approx. 16.1 x 16 x 9.2 cm)
Weight	2.4 pounds (approx. 1.09 kg)
Color	Sliver

Anything Goes

Featuring the latest AMD Ryzen7 7735HS with 8 cores and 16 threads and 680M core graphics, the GenMachine YI boasts breakthrough performance to keep you productive in gaming, creative writing, video editing or multitasking.

8 Core	**16** Thread	Up to **4.75** GHz Max Boost Clock

Image: AMD Ryzen 7 7735HS Processor. This image highlights the specifications of the AMD Ryzen 7 7735HS processor, including its 8 cores, 16 threads, and up to 4.75 GHz max boost clock.
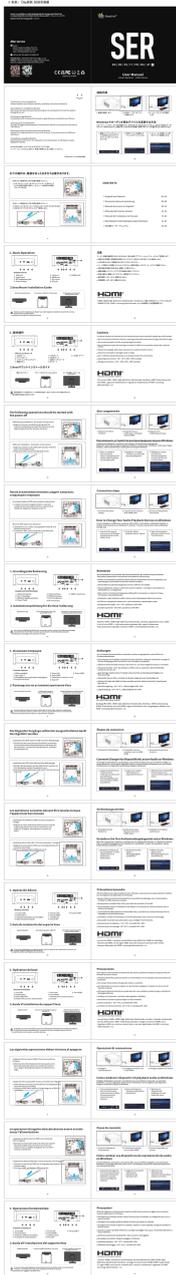
Image: LPDDR5 Memory Performance. This image illustrates the enhanced speed of LPDDR5 RAM, showing a 50% increase in maximum DRAM bandwidth compared to LPDDR4X, reaching up to 6400 Mb/s.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official GenMachine website. Keep your proof of purchase for warranty claims.

For further assistance, you may contact GenMachine customer service through their official channels.

Related Documents - Ren7000 (R7 7735HS 32G 512G)

[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.

[GEEKOM AE Series Mini PC AE7/AE8 User Manual and Installation Guide](#)
Comprehensive guide for the GEEKOM AE Series Mini PC (models AE7 and AE8), covering port identification, M.2 SSD and DDR5 RAM installation, VESA mounting, power connection, and essential safety information.

[OUVIS Mini PC User Manual: Setup, Installation, and Operation Guide](#)
This user manual provides comprehensive instructions for setting up and operating your OUVIS Mini PC, including quick installation, VESA mounting, Wi-Fi connection, BIOS settings, and essential precautions.

	[Firebat Mini PC User Manual - Setup, Features, and Troubleshooting](#) Comprehensive user manual for Firebat Mini PC models (e.g., AK2, MN56, AM02, T8). Covers package contents, setup, hardware connections, VESA mounting, BIOS settings, FAQ, and troubleshooting for optimal performance.
	[Lenovo ThinkPad E14 Gen 6 and E16 Gen 2 Setup Guide](#) A comprehensive setup guide for Lenovo ThinkPad E14 Gen 6 and ThinkPad E16 Gen 2 laptops, covering initial setup, overview of features, Lenovo Vantage software, and regulatory information.
	[GMKtec NUCBOX K1/K2 Mini PC User Manual - Setup, Specifications, and Support](#) Comprehensive user manual for the GMKtec NUCBOX K1 and K2 Mini PCs, detailing setup procedures, technical specifications for both models, connectivity options, warranty information, and customer support contacts.