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> CHUWI RzBox Mini PC User Manual - AMD Ryzen 7 5800H, 16GB RAM, 512GB SSD

CHUWI RzBox

CHUWI RzBox Mini PC User Manual

Model: RzBox

INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your CHUWI RzBox Mini PC. Featuring an AMD Ryzen 7 5800H processor, 16GB DDR4 RAM, and a 512GB SSD, the RzBox is designed for versatile computing needs, from everyday tasks to media consumption and light gaming.

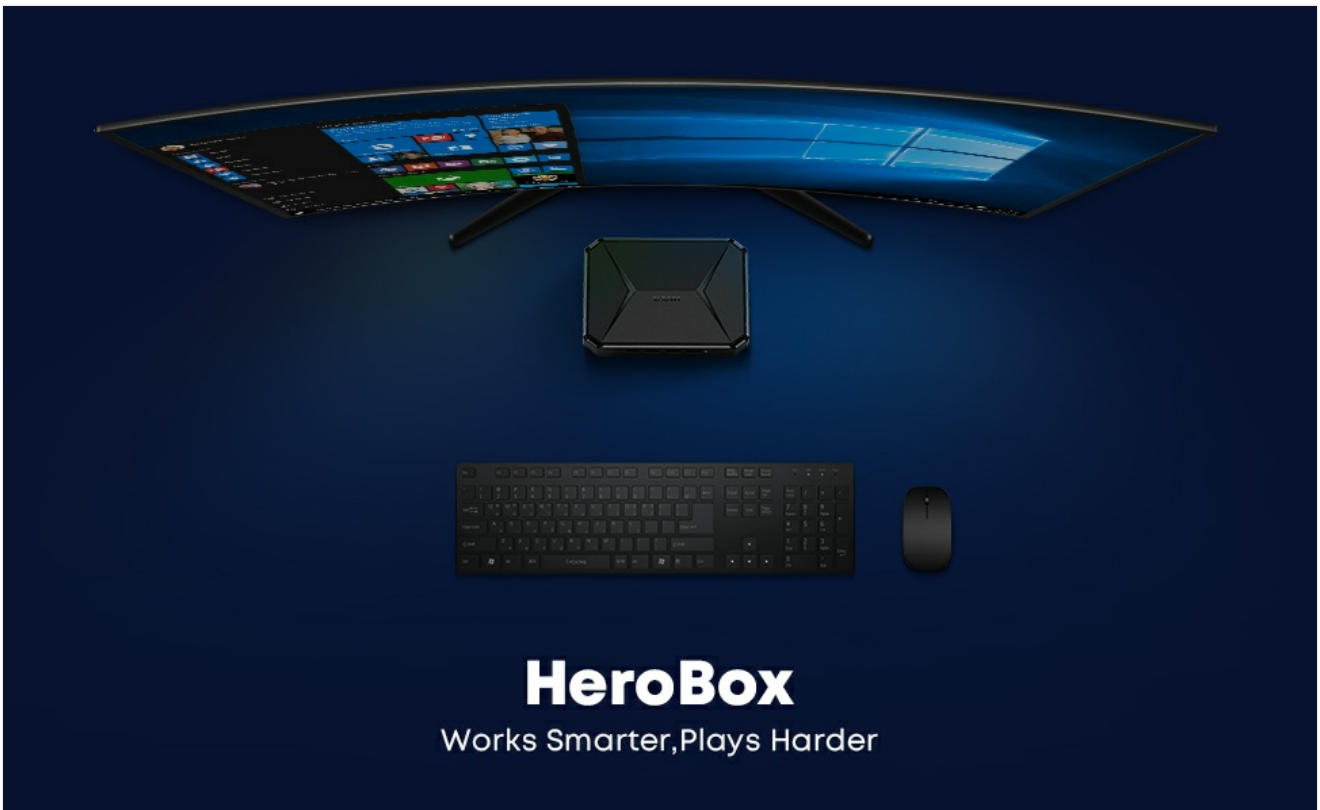


Image: The CHUWI RzBox Mini PC set up on a desk, showcasing its compact design alongside a monitor, keyboard, and mouse.

PACKAGE CONTENTS

Ensure all items are present in the package:

- CHUWI RzBox Mini PC
- Power Adapter
- User Manual (this document)
- VESA Mount Bracket
- Speakers (as listed in product information)

SETUP GUIDE

1. **Connect Peripherals:** Connect your monitor(s) to the HDMI, DisplayPort, or VGA ports. Connect your keyboard and mouse to the available USB ports.
2. **Power Connection:** Connect the power adapter to the DC-12V port on the Mini PC, then plug it into a power outlet.
3. **Power On:** Press the power button located on the front panel of the Mini PC.
4. **Initial Setup:** Follow the on-screen instructions to complete the Windows 11 operating system setup. The device comes with Windows 10 pre-installed and supports Windows 11 upgrades.

Expandable hard drive design

Support SATA SSD/HHD up to 2TB,TF card up to 256GB



8GB LPDDR4
256GB SSD



4K VP9 10bit
Hard-Decoding



Gigabit Ethernet
Dual Band WiFi



Win10
VESA Bracket



Image: Front view of the CHUWI RzBox Mini PC, highlighting the Type-C, USB 3.0, Micro SD, and power button ports.

OPERATING INSTRUCTIONS

Power On/Off

- **Power On:** Press the power button once. The power indicator light will illuminate.
- **Shut Down:** From the Windows desktop, click the Start menu, then select Power > Shut down.
- **Restart:** From the Windows desktop, click the Start menu, then select Power > Restart.
- **Sleep:** From the Windows desktop, click the Start menu, then select Power > Sleep.

Operating System

The CHUWI RzBox comes with Windows 10 Home pre-installed and supports upgrades to Windows 11 Home, offering a familiar and user-friendly interface. It also supports Linux and Ubuntu for users who prefer alternative operating systems.

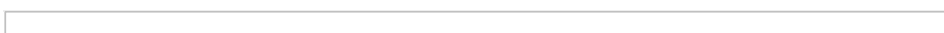


Image: Visual representation of the CHUWI RzBox's compatibility with Windows, Linux, and Ubuntu operating systems.

Usage Scenarios

The RzBox is suitable for a variety of applications:

- **Everyday Computing:** Web browsing, email, document editing.
- **Media Center:** Smoothly supports 4K resolution at 60Hz for video playback.
- **Office Work:** Pre-installed Windows 10/11 supports a wide range of office software.
- **Light Gaming:** Capable of running simple games, though not designed for demanding 3D titles.
- **24/7 Server:** Low power consumption (under 10W) makes it suitable for a 24/7 NAS storage server.

Your browser does not support the video tag.

Video: An overview of a CHUWI mini PC, demonstrating its features and capabilities in various usage scenarios, including media playback and light gaming.

STORAGE EXPANSION

The RzBox offers flexible storage expansion options:

- **Internal SSD:** Comes with a 512GB SATA SSD which supports PCIe 3.0 high-speed transfer protocol and read & write speeds over 2000MB/S.
- **M.2 Slot:** Dual 2280 M.2 slots allow for storage expansion up to 2TB (not included).
- **Micro SD Card:** Supports Micro SD cards up to 256GB.



Small

Small Size, Portable and Powerful



Image: Internal view of the CHUWI RzBox, illustrating the motherboard with its SSD and available expansion slots for additional storage.

CONNECTIVITY

The RzBox provides comprehensive connectivity options:

- **Wireless:** Built-in latest-generation Wi-Fi 6 wireless card, which is 3x faster than Wi-Fi 5 bandwidth for greater stability and network latency elimination. Supports dual-band 2.4G/5G.
- **Bluetooth:** Integrated high-speed Bluetooth 5.2 for wireless device connections.
- **Ethernet:** Dual Gigabit RJ45 (1000Mbps) network ports for NAS, soft routing, and more.
- **USB Ports:**
 - 2 x USB 3.0 ports
 - 2 x USB 2.0 ports
 - 1 x Type-C port
- **Other Ports:** Micro SD slot, DC-12V power input, VGA, HDMI (HD2.0), Earphone jack, Reset button.

High Definition 4K Displays

4096x2160
Output

750Mh
Boost Clock

4K VP9 10bit
Hard-Decoding



Image: Rear view of the CHUWI RzBox Mini PC, displaying its array of connectivity ports including VGA, HDMI, LAN, USB, and audio jack.

DISPLAY SETUP

The RzBox supports triple display output, enhancing productivity and multimedia experiences:

- **Integrated Vega8 Graphics:** Supports 10-bit 8K decoding for stunning visual effects.
- **Output Ports:**
 - 1 x HDMI (4K@60Hz)
 - 1 x DisplayPort (4K@60Hz)
 - 1 x VGA Port
- Connect up to three displays simultaneously to expand your workspace, mirror content, or extend a single window across multiple monitors.

Intel celeron J4125 Processor

4c/4T,4M Cache,2.0GHz up to 2.7GHz

4M
Cache
4Cores/4Threads

600
intel
UHD Graphics

2.7GHz
Up to
Burst Frequency

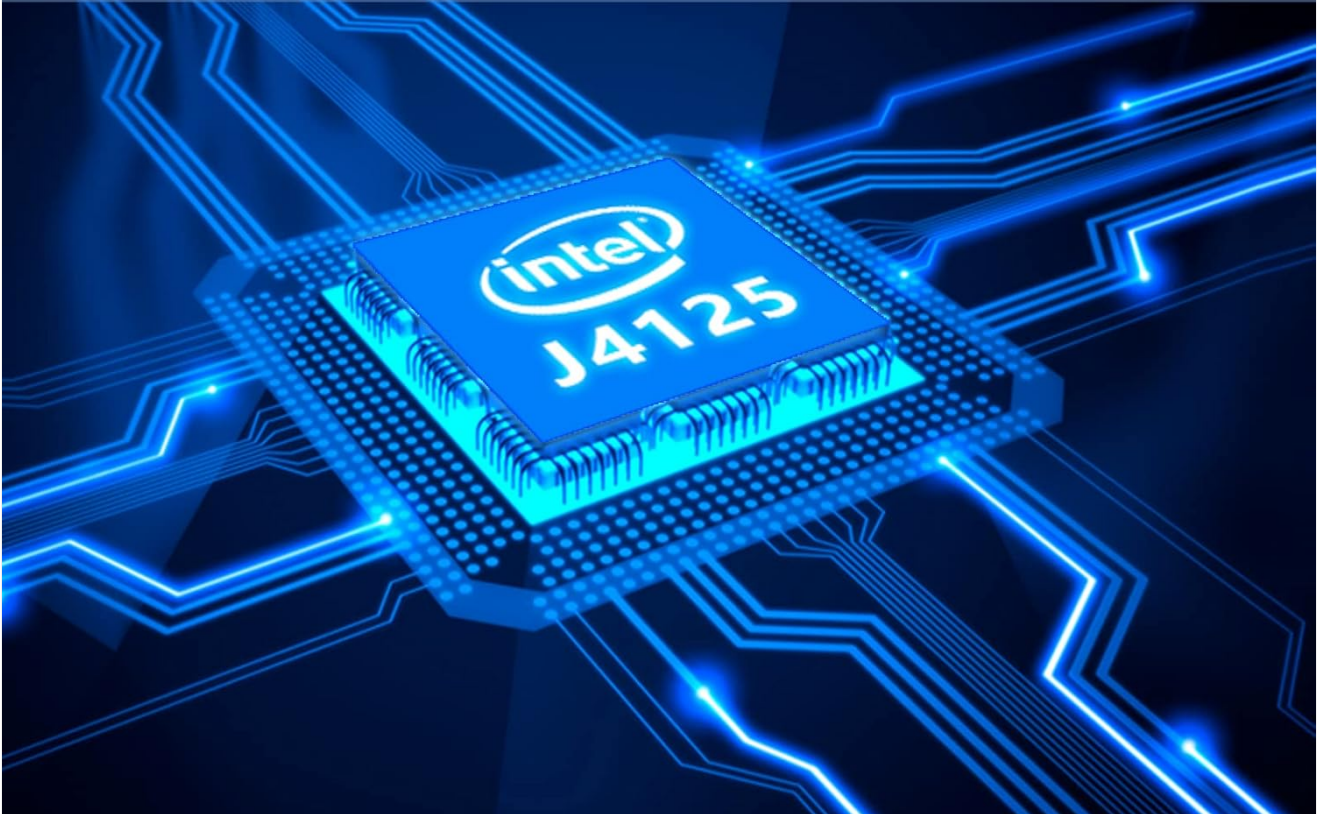


Image: The CHUWI RzBox Mini PC connected to two monitors, illustrating its capability for high-definition triple display output.

VESA MOUNTING

The compact design of the RzBox allows for convenient VESA mounting:

- Utilize the included VESA mount bracket to attach the Mini PC to the back of most monitors or HDTVs.
- This creates an integrated, clutter-free setup, saving desk space.

Multiple Ports, Multiple Fun

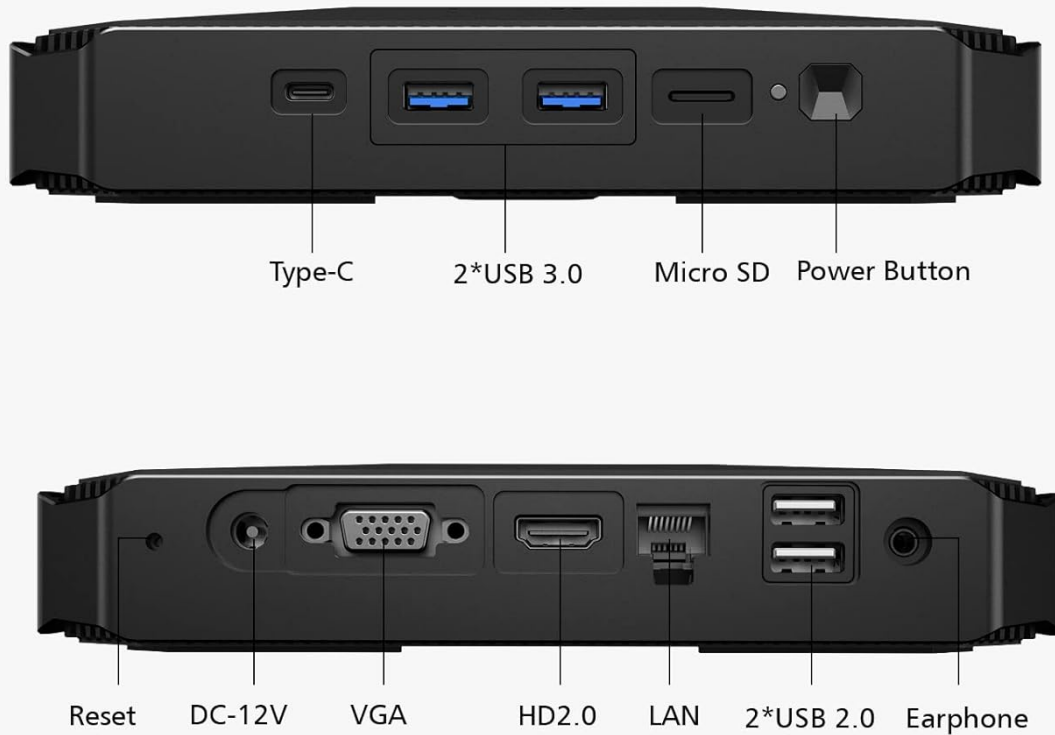


Image: A diagram demonstrating how the CHUWI RzBox Mini PC can be easily installed onto the back of a monitor using a VESA mount bracket.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the Mini PC. Avoid liquid cleaners.
- **Ventilation:** Ensure the Mini PC's ventilation areas are not obstructed to maintain optimal heat dissipation. The aluminum alloy casing is designed for efficient cooling.
- **Software Updates:** Regularly update your operating system and drivers to ensure optimal performance and security.

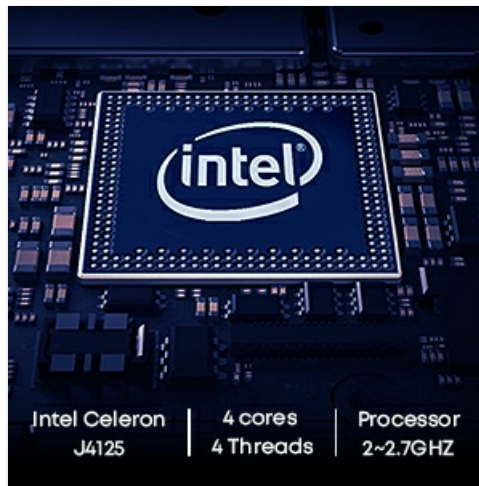


Image: Close-up view of the CHUWI RzBox highlighting its scientific design for effective heat dissipation.

TROUBLESHOOTING

- **No Power:**

- Check if the power adapter is securely connected to both the Mini PC and the power outlet.
- Ensure the power outlet is functional.

- **No Display:**

- Verify that the monitor is powered on and the correct input source is selected.
- Check the display cable connections (HDMI, DisplayPort, VGA) between the Mini PC and the monitor.

- **Slow Performance:**

- Close unnecessary applications running in the background.
- Check for available Windows updates.
- Ensure sufficient free storage space on the SSD.

- **No Wi-Fi/Bluetooth:**

- Check if Wi-Fi and Bluetooth are enabled in Windows settings.
- Restart the Mini PC and your router.

SPECIFICATIONS

Brand	CHUWI
Model Name	RZBox
Operating System	Windows 10 Home (upgradeable to Windows 11 Home), supports Linux and Ubuntu
CPU Model	AMD Ryzen 7 5800H (8 Cores, 16 Threads, 3.2GHz base, 4.4GHz turbo)
RAM Memory Installed Size	16 GB DDR4 3200MHz (dual-channel, upgradeable to 64GB)
Memory Storage Capacity	512 GB SATA SSD (PCIe 3.0, dual 2280 M.2 slot for expansion up to 2TB)

Graphics Card	Integrated Vega8 Graphics
Display Resolution Maximum	3840 x 2160 pixels (4K)
Connectivity Technology	Bluetooth 5.2, Ethernet (Dual Gigabit RJ45), Wi-Fi 6 (Dual Band 2.4G/5G)
Ports	HDMI, DisplayPort, VGA, 2x USB 3.0, 2x USB 2.0, Type-C, Micro SD, Earphone, DC-12V, Reset
Item Dimensions (L x W x H)	7.39 x 5.44 x 1.47 inches (approximate, based on product images)
Item Weight	580 Grams

Note: Specifications are subject to change without notice. Please refer to the official product page for the most current information.

WARRANTY AND SUPPORT

CHUWI products include a 1-year free warranty service. For any questions, technical assistance, or warranty claims, please contact CHUWI support via Amazon or refer to the official CHUWI website for further contact options.

Online Support: [Visit the CHUWI Store on Amazon](#)