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› Beelink EQR6 Mini PC User Manual

Beelink EQR6

Beelink EQR6 Mini PC User Manual

Model: EQR6

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Beelink EQR6 Mini PC. Please read this guide thoroughly before using the device to ensure optimal performance and longevity.



Figure 1: Beelink EQR6 Mini PC

2. SETUP GUIDE

2.1. Unboxing and Package Contents

Carefully unpack your Beelink EQR6 Mini PC and verify that all components are present:

- 1 x Beelink EQR6 6600U Mini PC
- 1 x AC Cable (150CM)
- 1 x HDMI Cable (100CM)
- 1 x User Manual

2.2. Connecting Peripherals

Follow these steps to connect your peripherals:

1. **Connect Display:** Use the provided HDMI cable to connect your monitor to one of the HDMI ports on the back of the Mini PC. The device supports dual displays via two HDMI ports.
2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into the available USB ports.
3. **Connect Power:** Connect the AC cable to the Mini PC's power input and then to a power outlet.
4. **Network Connection (Optional):** For a wired connection, connect an Ethernet cable to one of the two LAN ports. For wireless, ensure Wi-Fi is enabled after initial setup.



Figure 2: Rear and Front Ports of Beelink EQR6 Mini PC

2.3. Initial Power On

Press the power button located on the front of the Mini PC. The power indicator light will illuminate, and the system will begin to boot up. Follow any on-screen instructions for initial operating system setup.

SUPPORT DUAL SCREEN DISPLAY

Great option for office work and 4K video watching

 **HDMI ×2**



Figure 3: Beelink EQR6 Mini PC with integrated 85W power supply

3. OPERATING INSTRUCTIONS

3.1. Basic Operation

Once the system has booted, you can interact with the Mini PC using your connected keyboard and mouse. The operating system provides a familiar desktop environment for launching applications, managing files, and browsing the internet.

3.2. Dual Display Setup

The Beelink EQR6 supports connecting two displays simultaneously. Connect your primary monitor to one HDMI port and your secondary monitor to the other HDMI port. The system will automatically detect both displays. You can configure display settings (e.g., extend desktop, duplicate displays) through your operating system's display settings menu.

POWERFUL AMD RADEON 660M GRAPHICS

Delivering image performance comparable to dedicated graphics cards, effortlessly handling various scenarios.

6CUs

1.9GHz

RDNA2

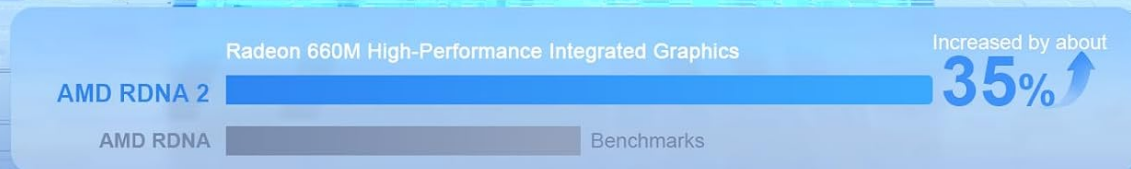
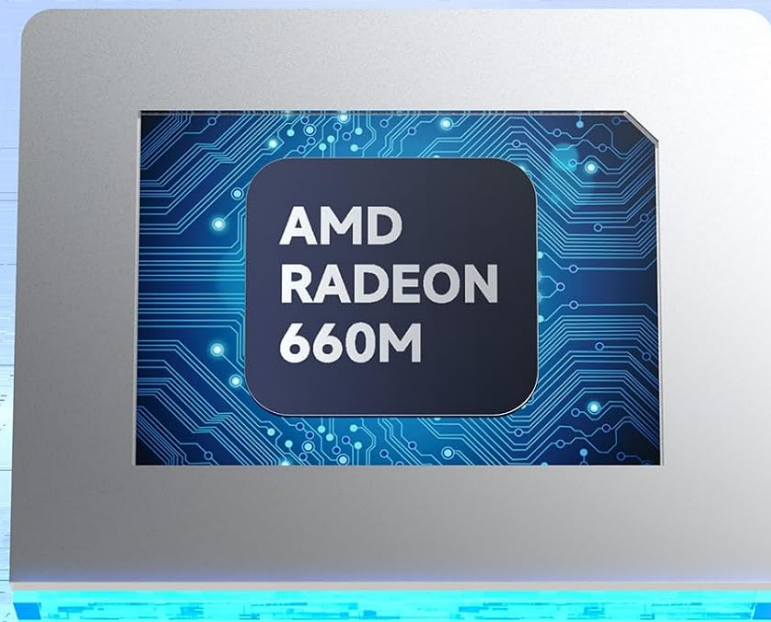


Figure 4: Dual 4K Display Setup with Beelink EQR6 Mini PC

3.3. Network Connectivity

The Mini PC offers both wired and wireless network options:

- **Wired (Ethernet):** Connect an Ethernet cable to either of the two 1000M LAN ports for a stable, high-speed internet connection.
- **Wireless (Wi-Fi 6):** The integrated Intel AX200 Wi-Fi 6 module provides fast wireless connectivity. Access your operating system's network settings to connect to available Wi-Fi networks.
- **Bluetooth 5.2:** Use Bluetooth 5.2 to connect wireless peripherals such as headphones, speakers, or game controllers.

BEST AMD VALUE PROCESSOR!

AMD Ryzen 5 6600U

2.9-4.5GHz

Frequency

6 Cores

12 Threads

Zen 3+

Architecture

28W

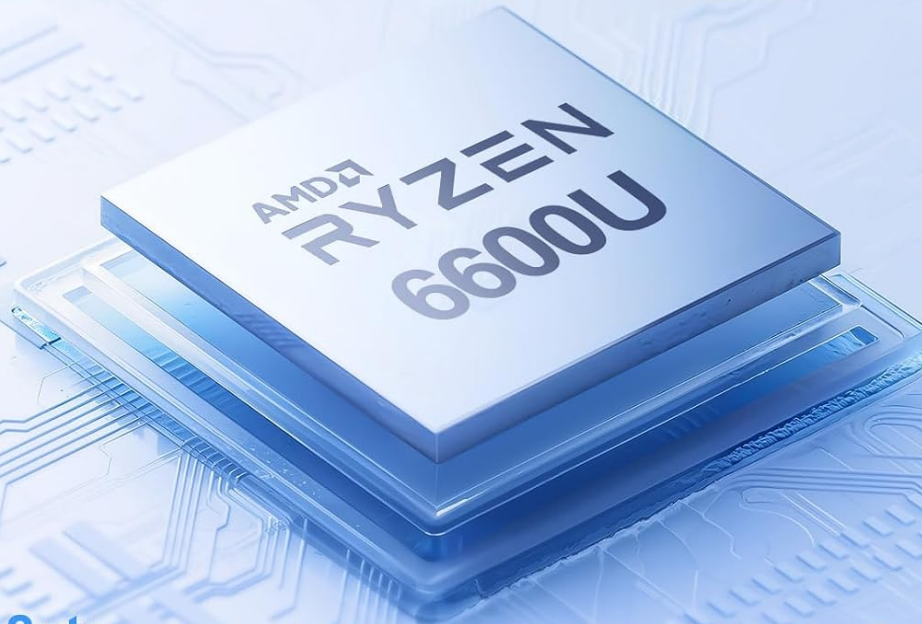
TDP

6nm

Process

16MB

L3 Cache



8018pts

Cinebench R23 (Multi-Core)

↑ 12%

Ryzen 5
6600U



Ryzen 5
5650U



Figure 5: High-speed network connections with Dual LAN, WiFi 6, and Bluetooth 5.2

4. MAINTENANCE

4.1. Cooling System

The Beelink EQR6 features an MSC2.0 cooling system designed for efficient heat dissipation. Ensure that the ventilation openings are not obstructed to maintain optimal airflow and prevent overheating. Operating the device in a well-ventilated area is recommended.

4.2. Dust Filter

The Mini PC includes a dust filter to minimize dust accumulation inside the chassis. Regularly inspect and clean the dust filter to ensure proper airflow and prevent performance degradation. Cleaning can typically be done by gently removing accumulated dust with a soft brush or compressed air.

NEW UPGRADES OF BEELINK EQR6



Built-in 85w
Power Supply

Dual Gigabit
Ethernet Jacks



Super Quiet

32db

MSC2.0 Cooling System



Dustproof Design



Figure 6: Internal design highlighting MSC2.0 cooling system and dustproof features

5. TROUBLESHOOTING

If you encounter issues with your Beelink EQR6 Mini PC, refer to the following common troubleshooting steps:

- **No Power:** Ensure the AC cable is securely connected to both the Mini PC and a working power outlet. Verify the power adapter is functioning correctly.
- **No Display:** Check that the HDMI cable is firmly connected to both the Mini PC and the monitor. Confirm the monitor is set to the correct input source (e.g., HDMI 1, HDMI 2). Try a different HDMI cable or monitor if available.
- **Network Connectivity Issues:** For wired connections, ensure the Ethernet cable is properly seated. For Wi-Fi, check if the Wi-Fi adapter is enabled in the operating system and if you are connected to the correct network with the correct password. Restart your router and the Mini PC.
- **System Performance Slowdown:** Close unnecessary applications. Ensure the Mini PC has adequate ventilation and is not overheating. Check for available operating system updates.
- **Peripheral Not Responding:** Try connecting the peripheral to a different USB port. Ensure drivers are installed if

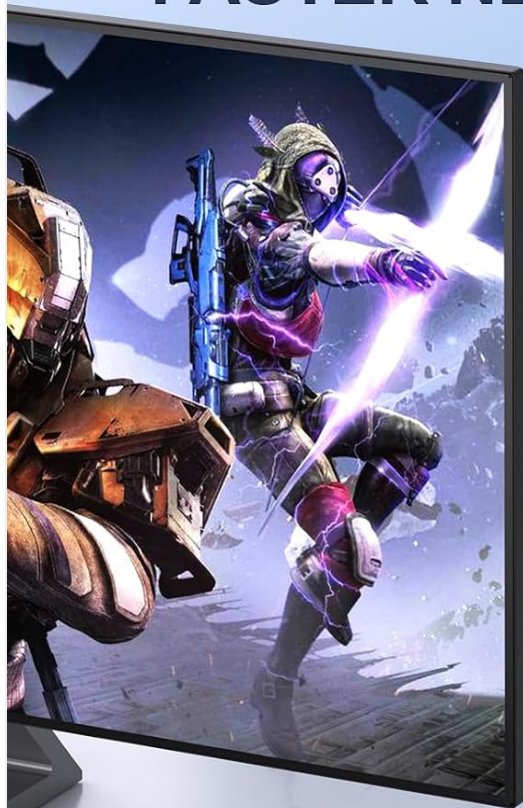
required by the peripheral.

6. SPECIFICATIONS

The following table outlines the technical specifications of the Beelink EQR6 Mini PC:

Feature	Specification
Brand	Beelink
Model Name	EQR6
CPU Model	AMD Ryzen 5 6600U (6 Cores, 12 Threads)
CPU Speed	2.9 GHz - 4.5 GHz (Turbo Frequency)
L3 Cache Size	16 MB
Graphics Coprocessor	AMD Radeon 660M Graphics (6 Cores, 1900MHz)
RAM Memory	24 GB LPDDR5 (5200 MHz)
Storage	500GB M.2 2280 PCIe4.0x4 SSD (Max 4TB * 2)
Operating System	OS (Pre-installed)
Connectivity	Dual 1000M LAN, Wi-Fi 6 (Intel AX200), Bluetooth 5.2
Video Output	2 x HDMI 2.0 (4K@60Hz), 1 x Type-C (DisplayPort 1.4)
USB Ports	3 x USB 3.2 (10Gbps), 1 x USB 2.0 (480Mbps), 1 x Type-C (10Gbps)
Audio Interface	1 x 3.5mm Audio Jack
Power Supply	Built-in 85W
Dimensions	4.92 x 4.41 x 1.65 inches
Weight	0.82 Kilograms
Cooling Method	Fan (MSC2.0 Cooling System)

FASTER NETWORK CONNECTION



- 1000M RJ45*2
- WiFi 6 (Intel AX200)
- Bluetooth 5.2

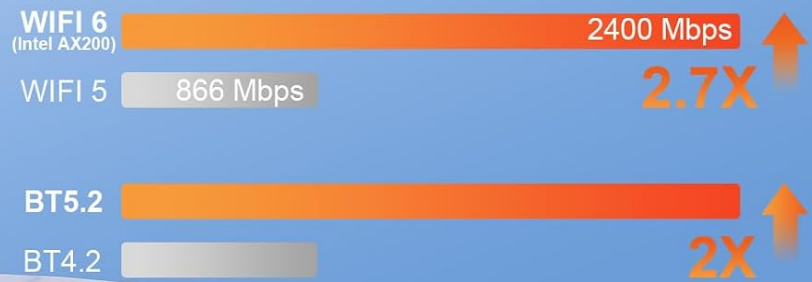


Figure 7: AMD Ryzen 5 6600U Processor and LPDDR5 RAM/PCIe4.0 SSD

24GB HIGH FREQUENCY LPDDR5 500GB M.2 NVME PCIE4.0X4 SSD

Daily operation and storage without burden



Figure 8: AMD Radeon 660M Graphics specifications

7. WARRANTY AND SUPPORT

7.1. Warranty Information

The Beelink EQR6 Mini PC comes with a **3-Year Warranty**. This includes a 1-Year New Replacement policy and 2-Year Free Repair service. Please retain your proof of purchase for warranty claims.

7.2. Customer Support

For any technical assistance or support inquiries, Beelink offers comprehensive customer service:

- **7x24 Assistance:** Customer service is available 24 hours a day, 7 days a week.
- **Lifetime Technical Support:** Receive technical support for the lifespan of your product.

For support, please refer to the contact information provided on the official Beelink website or your purchase documentation.

