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Beelink EQR5

Beelink EQR5 Mini PC Instruction Manual

Model: EQR5 | Brand: Beelink

1. PRODUCT OVERVIEW

The Beelink EQR5 Mini PC is a compact and powerful desktop computer designed for a wide range of tasks, from office work and 4K video playback to photo and video editing. It features an AMD Ryzen 5 5500U processor, 16GB of DDR4 RAM, and a 500GB NVMe M.2 SSD, ensuring smooth and efficient performance. This mini PC comes pre-installed with Windows 11, offering a clean and bloatware-free experience.

Its small footprint and built-in power supply unit help reduce cable clutter, making it an ideal solution for any workspace. The EQR5 also boasts extensive connectivity options, including WiFi 6, Bluetooth 5.2, and multiple USB and HDMI ports, supporting dual 4K display output for enhanced productivity.

Rich Interfaces

Wide range of interfaces meet all kinds of needs.

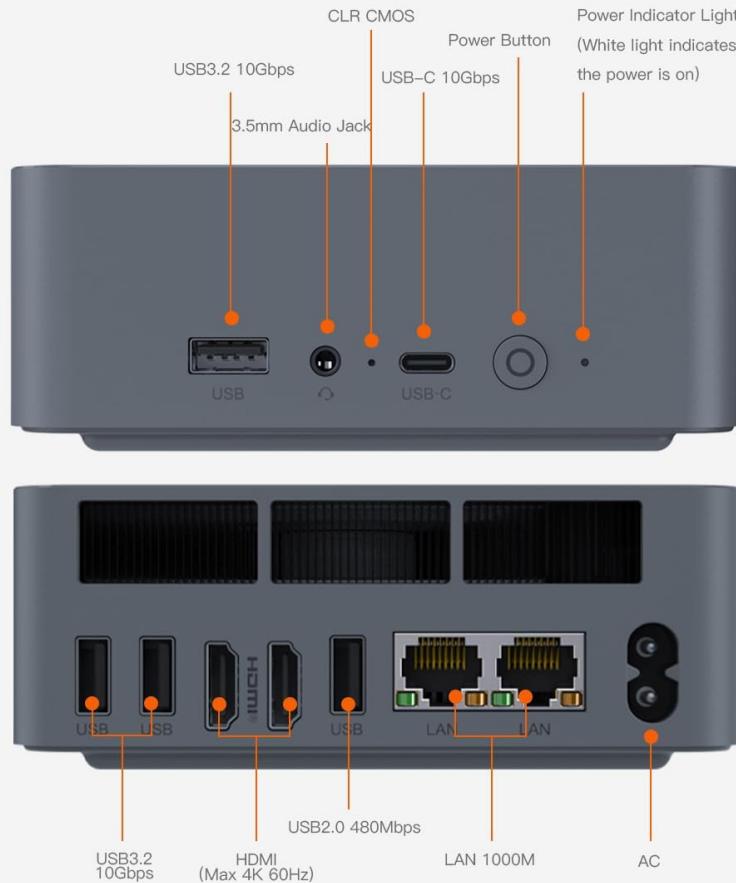


Image 1.1: Front view of the Beelink EQR5 Mini PC, showcasing its compact design and front-facing ports.

2. SETUP GUIDE

Follow these steps to set up your Beelink EQR5 Mini PC:

- 1. Unboxing:** Carefully remove all components from the packaging. Verify that you have the Mini PC, power adapter, HDMI cables, and VESA mount bracket.
- 2. Connect Peripherals:**
 - Connect your monitor(s) to the HDMI ports on the rear of the Mini PC using the provided HDMI cables. The device supports dual 4K display output.
 - Plug in your keyboard and mouse into the available USB ports.
 - For wired network access, connect an Ethernet cable to one of the Gigabit Ethernet LAN ports.
- 3. Power Connection:** Connect the power adapter to the DC input port on the rear of the Mini PC, then plug the adapter into a power outlet.
- 4. Power On:** Press the power button located on the front of the Mini PC. The power indicator light will illuminate.

- Initial Windows Setup:** Follow the on-screen instructions to complete the Windows 11 setup process. This includes selecting your region, connecting to a network (if not already wired), and creating a user account.
- Optional VESA Mounting:** If desired, use the included VESA mount bracket and screws to attach the Mini PC to the back of a compatible monitor or to a wall.



Image 2.1: Rear view of the Beelink EQR5 Mini PC, highlighting the HDMI, USB, LAN, and DC input ports for connecting peripherals and power.

Video 2.1: An introductory video demonstrating the Beelink SER3 mini PC, which shares similar setup procedures with the EQR5 model. This video provides a visual guide to the initial unboxing and connection process.

3. OPERATING INSTRUCTIONS

The Beelink EQR5 is designed for user-friendly operation. Here are some key features and tips:

- Quiet Operation:** The MSC2.0 cooling system ensures near-silent operation (approximately 32dB), allowing you to focus on your work or entertainment without distraction.
- Dual Display:** Utilize the two HDMI ports to connect two 4K monitors simultaneously, expanding your workspace for multitasking. Configure display settings through Windows.

- **Wireless Connectivity:** The Mini PC supports WiFi 6 (802.11ax) for fast and stable internet access, and Bluetooth 5.2 for connecting wireless peripherals like headphones or speakers.
- **USB Ports:** Use the multiple USB 3.2 and USB 2.0 ports for connecting external drives, printers, and other accessories. The Type-C port supports data transfer.
- **Built-in PSU:** The integrated 85W power supply unit simplifies your setup by reducing external cable clutter.



Image 3.1: Illustration of the Beelink EQR5 Mini PC operating at a low noise level, emphasizing its quiet performance for an undisturbed work environment.

Highlights

Super Quiet | Built-in PSU
MSC2.0 Cooling System | Dual Gigabit Ethernet Jacks

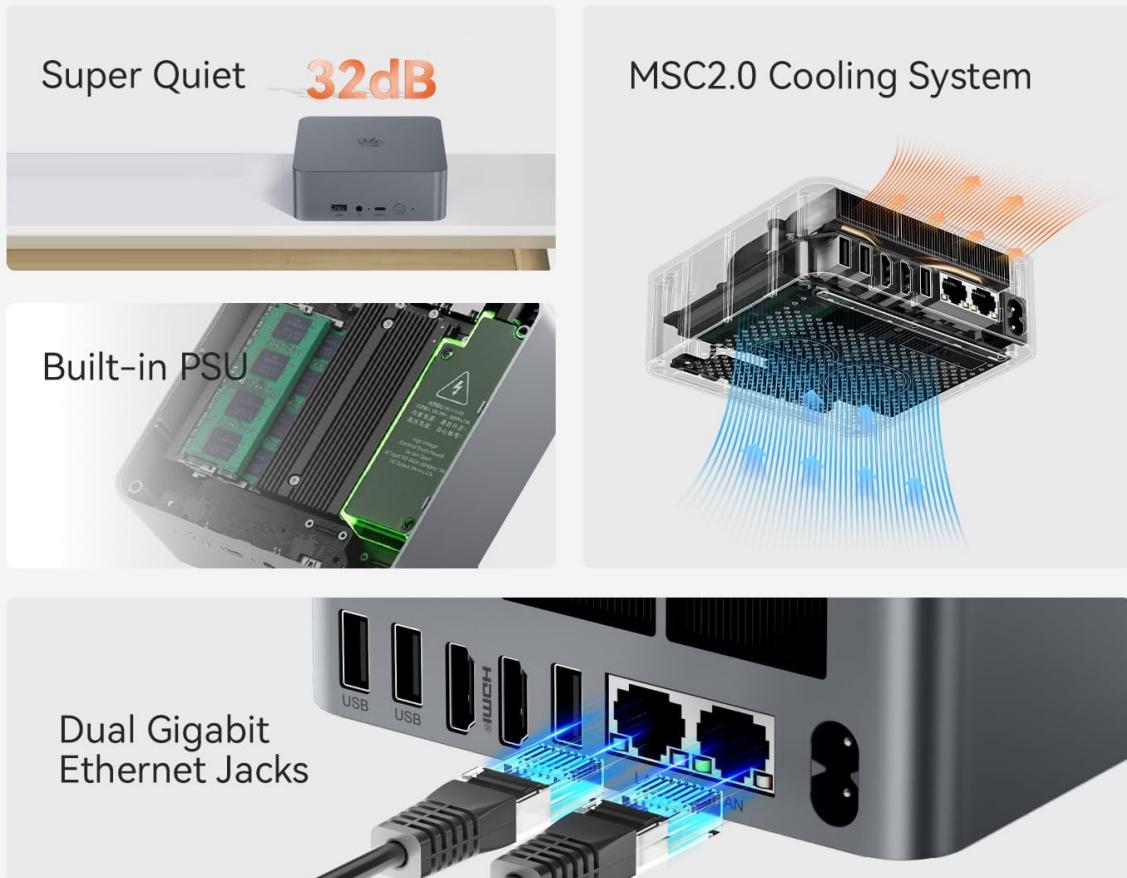


Image 3.2: A visual representation of the Beelink EQR5 Mini PC connected to two monitors, demonstrating its dual 4K display capabilities for enhanced productivity.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Beelink EQR5 Mini PC:

- Cleaning:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Ensure ventilation grilles are free from dust to maintain efficient heat dissipation.
- Software Updates:** Keep your Windows 11 operating system and drivers updated to ensure security and performance. Access Windows Update through Settings.
- Storage Expansion:** The Mini PC supports expandable storage. It comes with a 500G M.2 PCIe 4 NVME 2280 SSD and has additional M.2 PCIe 4.0 slots (up to 4TB each) for further expansion. You can also upgrade the dual-channel DDR4 RAM up to 64GB (2 x 32GB).
- CLR CMOS:** A CLR CMOS button is available for resetting BIOS settings if needed. Consult the user manual for specific instructions on its use.

Effortlessly Handle Entertainment and Office

Enhancing work efficiency across multiple scenarios, eliminating crashes and lags that hinder productivity.



Image 4.1: Internal view of the Beelink EQR5 Mini PC, showing the dual DDR4 RAM slots and the M.2 NVMe SSD slot, illustrating its expandable storage and memory capabilities.

Video 4.1: A tutorial demonstrating the process of replacing an SSD in a Beelink Mini PC. This video is relevant for users looking to upgrade or replace their storage drive.

5. TROUBLESHOOTING

If you encounter issues with your Beelink EQR5 Mini PC, try the following solutions:

- **No Display:**
 - Ensure all HDMI cables are securely connected to both the Mini PC and the monitor(s).
 - Verify that the monitor is powered on and set to the correct input source.
 - Try connecting to a different HDMI port or using a different cable.
- **No Power:**
 - Check that the power adapter is firmly connected to the Mini PC and the power outlet.
 - Ensure the power outlet is functional.

• Network Connectivity Issues:

- For wired connections, check the Ethernet cable and router status.
- For WiFi, ensure the WiFi 6 module is enabled in Windows settings and you are connected to the correct network.

• **System Unresponsive:** If the system becomes unresponsive, press and hold the power button for 5-10 seconds to force a shutdown, then restart the PC.

• **BIOS Reset:** If experiencing persistent boot issues, use the CLR CMOS button (refer to the user manual for location and procedure) to reset BIOS settings to default.

6. PRODUCT SPECIFICATIONS

| Feature | Specification |
|-----------------------|--|
| Processor | AMD Ryzen 5 5500U (6C/12T, 2.1GHz up to 4GHz) |
| Graphics | AMD Radeon Graphics (7core, 1800 MHz) |
| RAM | 16GB DDR4 (2x8GB, expandable to 64GB) |
| Storage | 500GB M.2 PCIe 4 NVMe 2280 SSD (expandable up to 4TB per slot) |
| Operating System | Windows 11 |
| Wireless Connectivity | WiFi 6 (802.11ax), Bluetooth 5.2 |
| Wired Connectivity | 2 x Gigabit Ethernet LAN (1000M RJ45) |
| Video Output | 2 x HDMI (Dual 4K display output) |
| USB Ports | 3 x USB 3.2, 1 x USB 2.0, 1 x Type-C (data) |
| Audio | 3.5mm Audio Jack |
| Power Supply | Built-in 85W PSU (DC Input: 100-240V AC, 50/60Hz) |
| Dimensions | 4.96 x 4.45 x 1.57 inches (126 x 113 x 40 mm) |
| Weight | 2.05 pounds |

Built-in 85W PSU

Simplify your space with less cable clutter and fewer power strips



Image 6.1: Visual representation of the Beelink EQR5 Mini PC with its dimensions, highlighting its compact form factor.

7. WARRANTY

The Beelink EQR5 Mini PC comes with a **1-year worry-free warranty**. All products undergo strict inspection before shipping to ensure quality and reliability.

8. CUSTOMER SUPPORT

For any questions or assistance regarding your Beelink EQR5 Mini PC, please do not hesitate to contact us. We offer **lifetime technical support** and **24-hour customer service**.

You can typically find contact information through the seller's page on the platform where you purchased the device or through the official Beelink website.

Video 8.1: A short video from Beelink Direct explaining how to contact their customer support for assistance with your product.

