Beelink EQR6 6600U

Beelink Ai Mini PC EQR6 6600U User Manual

Model: EQR6 6600U

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the Beelink Ai Mini PC EQR6 6600U, a high-performance micro computer designed for a wide range of applications including office work, creative design, programming, and home theater use. Featuring an AMD Ryzen 5 6600U processor, 24GB LPDDR5 RAM, and a 500GB NVMe SSD, this mini PC offers robust performance and versatile connectivity.

Key features include a super quiet MSC2.0 cooling system, a built-in 85W power supply, rich interfaces for dual 4K display output, WiFi 6, and Bluetooth 5.2. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your device.

Figure 1: Beelink Ai Mini PC EQR6 6600U

2. WHAT'S IN THE BOX

Upon unpacking your Beelink Ai Mini PC EQR6 6600U, please verify that all the following items are included:

- 1 x Mini PC
- 1 x HDMI Cable
- 1 x Power Adapter
- 1 x User Manual

Highlights

Super Quiet **|** Built-in PSU

MSC2.0 Cooling System **|** Dual Gigabit Ethernet Jacks

Figure 2: Included accessories with the Beelink Ai Mini PC EQR6 6600U.

Video 1: An overview of the items included in the retail package for the Beelink Mini PC. This video provides a visual guide to ensure all components are present.
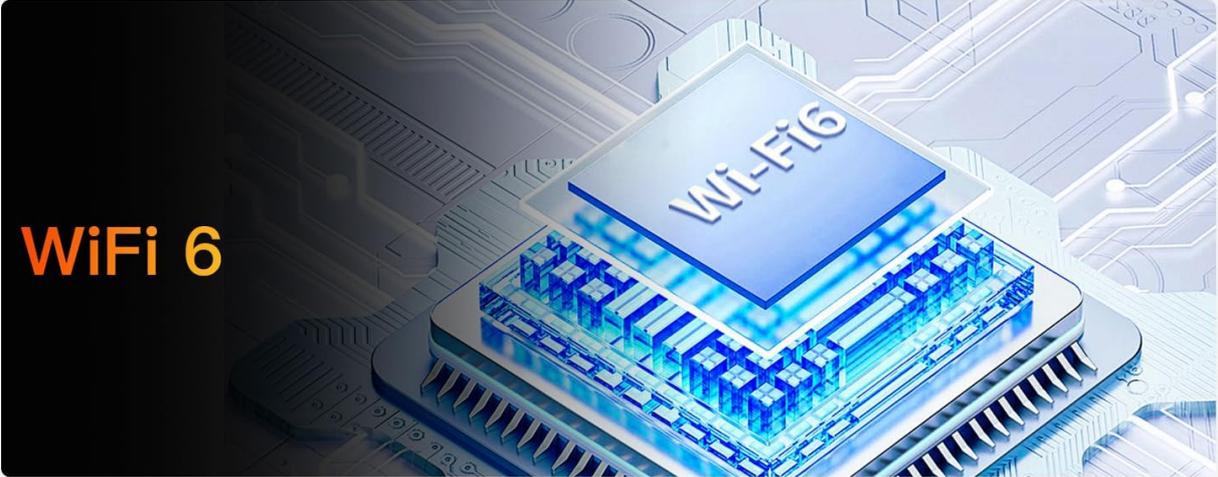
3. SETUP GUIDE

Follow these steps to set up your Beelink Ai Mini PC EQR6 6600U:

1. **Connect Power:** Plug the power adapter into the DC-in port on the back of the mini PC and then into a power outlet.
2. **Connect Display:** Use the provided HDMI cable to connect your monitor(s) to the HDMI ports on the back of the mini PC. The device supports dual 4K displays.
3. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB ports.
4. **Network Connection:** For a wired connection, connect an Ethernet cable to one of the RJ45 LAN ports. For wireless, the device supports WiFi 6.
5. **Power On:** Press the power button on the front of the mini PC. The power indicator light will illuminate.

500GB Single
M.2 PCIe 4.0 X4
Dual SSD Storage, MAX 8TB

24GB (12GBX2)
LPDDR5

WiFi 6

Bluetooth 5.2

Figure 3: Front and rear interfaces of the Beelink Ai Mini PC EQR6 6600U.

4. OPERATING INSTRUCTIONS

Your Beelink Ai Mini PC EQR6 6600U comes pre-installed with Windows 11 Pro. Upon first boot, follow the on-screen instructions to complete the initial setup.

4.1. Basic Operation

- **Power On/Off:** Press the power button once to turn on the device. To shut down, use the Windows operating system's shutdown option.
- **Restart:** Use the Windows operating system's restart option.
- **Sleep Mode:** Use the Windows operating system's sleep option.

4.2. Dual Display Setup

The Beelink Ai Mini PC supports connecting two monitors simultaneously for enhanced productivity. Connect your monitors to the available HDMI ports.

4.3. BIOS Setup and Boot Menu

To access the BIOS setup or boot options menu:

- Press the **'Delete'** key during system boot to enter BIOS setup.
- Press the **'F7'** key during system boot to enter the boot options menu.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your mini PC.

5.1. Storage and RAM Expansion

The Beelink Ai Mini PC EQR6 6600U supports dual LPDDR5 RAM expansion and dual M.2 PCIe 4.0 x4 SSD storage, supporting up to 8TB. For detailed instructions on replacing or expanding SSD storage, refer to the video below.

Video 3: This tutorial guides you through the process of replacing or upgrading the SSD in your Beelink Mini PC.

5.2. General Cleaning

To clean your mini PC:

- Do not use harsh chemical solvents or cleaning products.
- We recommend using a soft cloth to wipe the exterior.
- Ensure the device is powered off and unplugged before cleaning.

6. TROUBLESHOOTING

If you encounter issues with your Beelink Ai Mini PC EQR6 6600U, try the following troubleshooting steps:

- **No Display:** Ensure all display cables are securely connected. Try a different monitor or cable. Verify the monitor input source is correct.
- **Boot Problems:** Access the BIOS setup (press 'Delete' during boot) to check boot order. Use the boot options menu (press 'F7' during boot) to select a different boot device.
- **System Instability/Freezing:** Ensure the device is in a well-ventilated area. Check for dust accumulation and clean as necessary.
- **Memory Issues:** If you suspect memory problems, cleaning the RAM contacts can often resolve them.

Video 4: This video demonstrates how to clean RAM modules, which can resolve various system instability and boot issues.

7. SPECIFICATIONS

Detailed technical specifications for the Beelink Ai Mini PC EQR6 6600U:

Figure 4: Product specifications for the Beelink Ai Mini PC EQR6 6600U.

Feature	Specification
Processor	AMD Ryzen 5 6600U (6C/12T, up to 4.5GHz)
Graphics	AMD Radeon 660M 6core 1900 MHz (Integrated)
RAM	24GB LPDDR5 (Dual LPDDR5 RAM expansion)
Storage	500GB SSD (Dual M.2 PCIe 4.0 x4 SSD Storage, up to 8TB)
Operating System	Windows 11 Pro
Wireless Connectivity	WiFi 6, Bluetooth 5.2
Ethernet	2 x RJ45 1000M LAN ports
Video Output	2 x HDMI (Max 4K 60Hz), 1 x USB-C (10Gbps)
USB Ports	3 x USB 3.2, 1 x USB 2.0, 1 x USB-C (10Gbps)
Audio	3.5mm Audio Jack
Dimensions	4.96 x 4.45 x 1.57 inches
Weight	2.05 pounds
Power Source	Built-in 85W PSU

8. SAFETY CAUTIONS

Please observe the following cautions to ensure safe operation and longevity of your device:

- Do not use harsh chemical solvents or cleaning products. Use a soft cloth to wipe.
- Do not throw the product into fire; avoid fire accidents.
- Note seepage while cleaning electronics; be careful of electric shock.
- Check for any frayed or damaged cords or plugs.

- Do not arbitrarily discard the product; protect the environment.
- Operating environment: -10°C to 45°C, 30% to 90% humidity.
- Storage environment: -20°C to 60°C, 10% to 90% humidity.

9. WARRANTY AND SUPPORT

All Beelink Mini PCs have passed strict inspection before shipping and come with FCC, ROHS, CE certification.

- **2-Year Free Replacement:** For eligible issues.
- **Lifetime Technical Support:** Available for all products.
- **7*24 Hours Online Customer Service:** For immediate assistance.

For support, please contact Beelink Online directly or refer to your Amazon account for assistance.