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Beelink EQi13 Pro

Beelink EQi13 Pro Mini PC User Manual

Model: EQi13 Pro

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Beelink EQi13 Pro Mini PC. Please read this guide thoroughly before using the device to ensure optimal performance and longevity.

The Beelink EQi13 Pro is a compact and powerful mini computer designed for various applications, from office tasks and home entertainment to educational and design work. It features a 13th Gen Intel Core i7-13620H processor, ample memory and storage, and versatile connectivity options.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x Beelink EQi13 Pro Mini PC
- 1 x AC Power Cable (150CM)
- 1 x HDMI Cable (100CM)
- 1 x User Manual (this document)

3. PRODUCT OVERVIEW

The Beelink EQi13 Pro Mini PC is designed for efficiency and connectivity. Below are the key components and port layouts.



Image: Front and rear view of the Beelink EQi13 Pro Mini PC, showcasing its compact design and various ports.

3.1. Port Layout

Familiarize yourself with the available ports for connecting peripherals and displays.

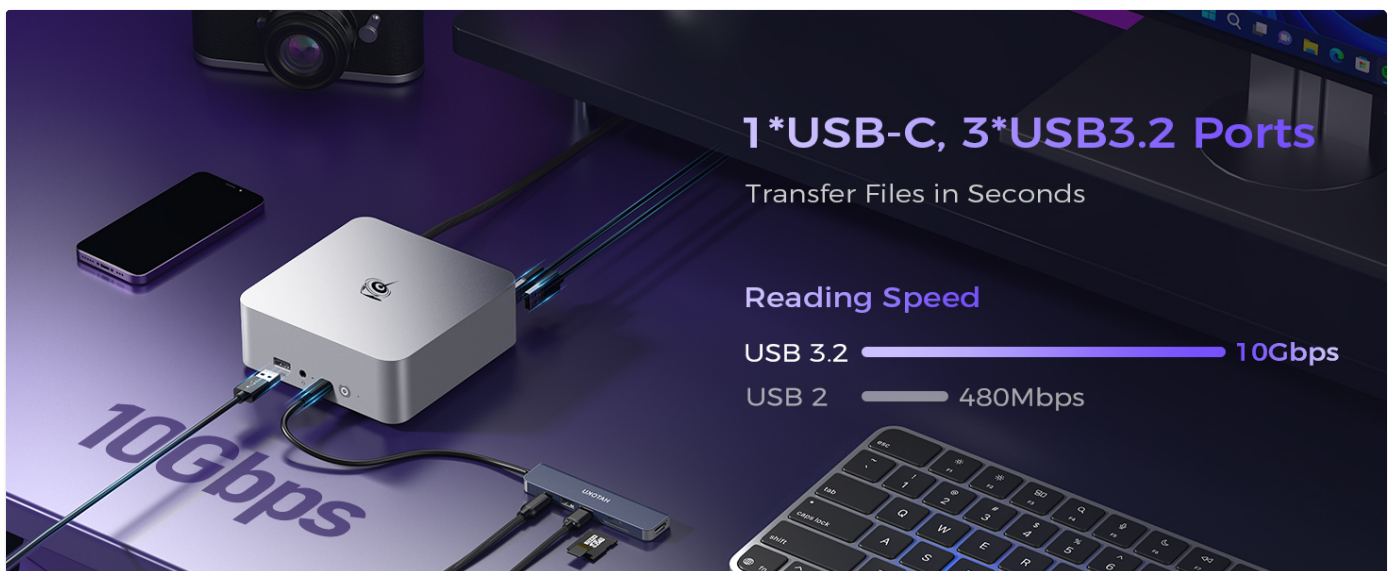


Image: Detailed diagram illustrating the front and back ports of the Beelink EQi13 Pro Mini PC.

• Front Ports:

- USB 3.2 (10Gbps) x 1
- 3.5mm Audio Jack x 1
- CLR CMOS Button x 1
- USB-C (10Gbps) x 1
- Power Button x 1

- Pilot Lamp x 1

- **Back Ports:**

- USB 3.2 (10Gbps) x 2
- HDMI (4K@60Hz) x 2
- LAN (1000Mbps) x 2
- AC Power Input x 1
- USB 2.0 (480Mbps) x 1

3.2. Key Features

- **Processor:** 13th Gen Intel Core i7-13620H (10 Cores, 16 Threads, up to 4.9GHz, 24MB Smart Cache).
- **Graphics:** Integrated Intel UHD Graphics 1.5GHz, supporting dual 4K@60Hz displays.
- **Memory:** 32GB DDR4 RAM (3200MHz), expandable up to 96GB (2x48GB SO-DIMM).
- **Storage:** 500GB PCIe 4.0 SSD, with dual M.2 2280 PCIe 4.0x4 SSD slots supporting up to 4TB each.
- **Networking:** Dual 1000Mbps LAN ports, WiFi 6 (Intel AX200) for up to 2.4Gbps, Bluetooth 5.2.
- **Power Supply:** Built-in 85W PSU for a clean desktop setup.
- **Cooling:** MSC2.0 Cooling System with efficient air intake and silent fan operation (approx. 32dB).
- **Operating System:** Pre-installed Windows 11 Pro, with support for Wake On LAN and Auto Power On.

4. SETUP GUIDE

Follow these steps to set up your Beelink EQi13 Pro Mini PC:

1. **Connect to Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. The device supports dual 4K@60Hz displays via its two HDMI ports.
2. **Connect Peripherals:**
 - Connect your keyboard and mouse to the available USB ports (USB 3.2 or USB 2.0).
 - For wired network access, connect an Ethernet cable to one of the LAN ports.
 - For audio output, connect speakers or headphones to the 3.5mm audio jack.
3. **Connect Power:** Plug the AC power cable into the Mini PC's AC input port, then connect the other end to a power outlet. The device features a built-in 85W power supply.



Image: The Beelink EQi13 Pro Mini PC connected to power, highlighting its integrated 85W power supply.

4. **Power On:** Press the power button located on the front of the Mini PC. The pilot lamp will illuminate.
5. **Initial Setup:** Follow the on-screen instructions to complete the Windows 11 Pro initial setup, including language, region, network connection (if not wired), and user account creation.

5. OPERATING INSTRUCTIONS

5.1. Basic Operation

- **Power On/Off:** Press the power button to turn the device on. To shut down, use the Windows Start menu options (Shut down, Restart, Sleep). A short press of the power button can also initiate sleep mode.
- **Restart:** Use the Windows Start menu to restart the system.
- **Sleep Mode:** The Mini PC supports sleep mode. Some users have reported issues with waking from sleep using a wireless keyboard/mouse; in such cases, a short press of the power button on the device may be required.

5.2. Connectivity

- **Wi-Fi:** The Mini PC is equipped with Wi-Fi 6 (Intel AX200) for high-speed wireless internet access. Connect to your preferred Wi-Fi network through Windows settings.

- **Bluetooth:** Bluetooth 5.2 allows for stable connections with wireless peripherals such as keyboards, mice, and headphones. Pair devices through Windows Bluetooth settings.
- **Dual LAN:** The two 1000Mbps LAN ports support advanced networking configurations like link aggregation, soft routing, and network isolation.
- **USB Ports:** Utilize the USB 3.2 and USB-C ports for high-speed data transfer (up to 10Gbps) with external drives and other compatible devices.

5.3. Dual Display Setup

The Beelink EQi13 Pro supports connecting two monitors simultaneously for enhanced productivity.



Image: A user utilizing the dual-screen display capability of the Beelink EQi13 Pro Mini PC for multitasking.

Connect both monitors using the HDMI ports. Windows will automatically detect the displays. You can configure display settings (extend, duplicate, or show only on one) via the Display Settings in Windows.

6. MAINTENANCE

- **Cleaning:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Ensure the ventilation grilles are free from dust to maintain optimal airflow. Avoid using liquid cleaners directly on the device.
- **Software Updates:** Keep your Windows 11 Pro operating system and drivers updated to ensure system stability and security. Check for updates regularly through Windows Update.
- **Cooling System:** The MSC2.0 cooling system is designed for efficient heat dissipation. Ensure the bottom air intake is not obstructed to prevent overheating.



Image: Diagram illustrating the MSC2.0 cooling system, showing air intake from the bottom and heat dissipation components.

- **Storage Management:** Periodically review and manage your storage to free up space and maintain system performance.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Beelink EQi13 Pro Mini PC.

Problem	Possible Solution
No Power / System Does Not Start	<ul style="list-style-type: none"> ◦ Ensure the AC power cable is securely connected to both the Mini PC and a working power outlet. ◦ Verify the power outlet is functional. ◦ Press the power button firmly.
No Display Output	<ul style="list-style-type: none"> ◦ Check that the HDMI cable is securely connected to both the Mini PC and the monitor. ◦ Ensure the monitor is powered on and set to the correct input source (HDMI 1, HDMI 2, etc.). ◦ Try a different HDMI cable or monitor if available.
Cannot Wake from Sleep	<ul style="list-style-type: none"> ◦ Press the power button on the Mini PC briefly. ◦ Ensure your keyboard and mouse are properly connected and powered (if wireless). ◦ Check Windows power settings to ensure peripherals are allowed to wake the computer.
No Internet Connection (Wi-Fi)	<ul style="list-style-type: none"> ◦ Verify Wi-Fi is enabled in Windows settings. ◦ Ensure you are connected to the correct Wi-Fi network and have entered the password correctly. ◦ Restart your router/modem.
No Internet Connection (Wired LAN)	<ul style="list-style-type: none"> ◦ Check that the Ethernet cable is securely connected to both the Mini PC and your router/modem. ◦ Verify the router/modem is powered on and functioning. ◦ Try a different Ethernet cable.
Slow Performance	<ul style="list-style-type: none"> ◦ Close unnecessary applications running in the background. ◦ Ensure the Mini PC's ventilation is not obstructed. ◦ Check for and install any pending Windows updates or driver updates. ◦ Run a disk cleanup to free up storage space.

8. SPECIFICATIONS

Detailed technical specifications for the Beelink EQi13 Pro Mini PC:

Feature	Detail
Brand	Beelink
Model	EQi13 Pro
Operating System	Windows 11 Pro
Processor	Intel Core i7-13620H (10 Cores, 16 Threads, up to 4.9 GHz)
Graphics Coprocessor	Intel UHD Graphics 1.5GHz
RAM	32GB DDR4 (3200 MHz), expandable up to 96GB
Hard Drive	500GB PCIe 4.0 SSD, expandable up to 4TB via dual M.2 2280 slots
Wireless Type	WiFi 6 (802.11ax), Bluetooth 5.2
Ethernet	Dual 1000Mbps LAN ports
Video Output	2 x HDMI (supports 4K@60Hz dual display)
USB Ports	3 x USB 3.2 (10Gbps), 1 x USB-C (10Gbps), 1 x USB 2.0 (480Mbps)
Audio Port	1 x 3.5mm Audio Jack
Power Supply	Built-in 85W PSU
Dimensions (LxWxH)	5.04 x 5.04 x 1.77 inches (12.8 x 12.8 x 4.5 cm)
Item Weight	1.43 pounds (0.65 kg)

9. WARRANTY AND SUPPORT

Beelink is committed to providing reliable products and customer service.

- **Warranty:** Your Beelink EQi13 Pro Mini PC comes with a 12-month warranty from the date of purchase. During this period, a new replacement will be provided for any manufacturing defects.
- **Technical Support:** Lifetime technical support is available for your product.
- **Customer Service:** For any inquiries or assistance, please contact our 7-day, 24-hour customer service. You can typically find contact information through your purchase platform (e.g., "Ask Product Question" via your Amazon account's order history).

