

Beelink SER3

Beelink SER3 Mini PC User Manual

Model: SER3
Brand: Beelink

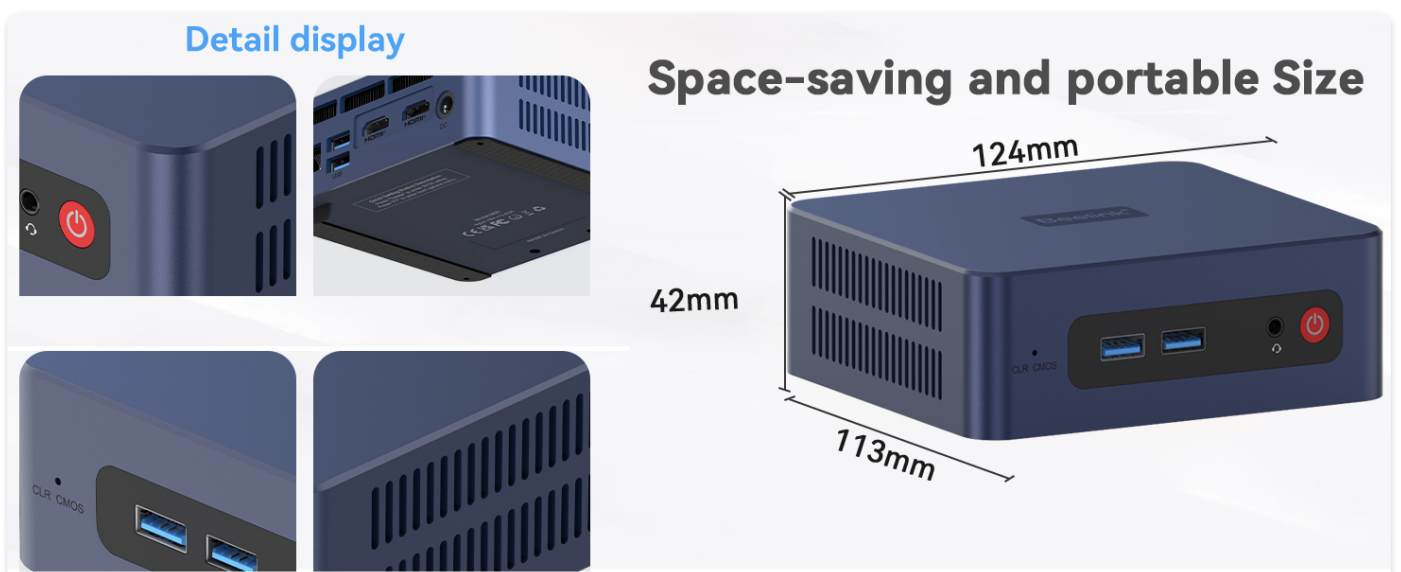
Overview	Setup	Operation	Maintenance	Troubleshooting	Specifications	Package Contents
Warranty & Support						

1. OVERVIEW

The Beelink SER3 Mini PC is a compact and efficient computing solution designed for various tasks, from office work to home entertainment. It features an AMD Ryzen 5 3500U processor, 16GB DDR4 RAM, and a 500GB PCIe3.0 SSD, providing responsive performance. The integrated Radeon Vega 8 Graphics supports dual 4K display output, enhancing productivity and multimedia experiences. Its small form factor and low power consumption make it suitable for diverse environments.



Front view of the Beelink SER3 Mini PC.



The compact design of the Beelink SER3 Mini PC, highlighting its small footprint and detailed features.

2. SETUP INSTRUCTIONS

Follow these steps to set up your Beelink SER3 Mini PC:

1. **Connect Peripherals:** Connect your monitor(s) to the HDMI ports, and plug in your keyboard and mouse to the available USB ports.
2. **Connect Power:** Plug the power adapter into the DC input port on the mini PC, then connect the adapter to a power outlet.
3. **Network Connection:** For a wired connection, connect an Ethernet cable to the RJ45 LAN port. For wireless, ensure your WiFi network is available after powering on.
4. **Power On:** Press the power button located on the front of the device.



Detailed view of the Beelink SER3 Mini PC's front and rear ports, including USB 3.2, HDMI, LAN, Audio Jack, and Power input.

Mounting the Mini PC

The Beelink SER3 Mini PC can be mounted behind a monitor using the included wall-mounted bracket to save desk space.

1. Fix the bracket to the mini PC with screws.
2. Fix the bracket to the back of your display with screws.



Illustration of how to easily install the Beelink SER3 Mini PC using the wall-mounted bracket behind a monitor.

3. OPERATING INSTRUCTIONS

Power On/Off

- To power on, press the power button on the front panel.
- To power off, use the operating system's shutdown function. A short press of the power button can also initiate sleep mode.

Operating System

The Beelink SER3 Mini PC comes pre-installed with Windows 11 Pro. Follow the on-screen instructions for initial setup and personalization.

Dual Display Setup

The mini PC supports dual 4K displays via its two HDMI ports. Connect two monitors to the HDMI ports to extend your desktop or duplicate displays for enhanced productivity.



The Beelink SER3 Mini PC connected to two monitors, demonstrating its dual 4K display capability for efficient multitasking.

Network Connectivity

- **Wired LAN:** The 1000Mbps RJ45 LAN port provides a stable and high-speed wired internet connection.
- **Wireless WiFi:** Built-in WiFi 5 (802.11ac) supports 2.4G and 5GHz bands for flexible wireless connectivity.

- **Bluetooth:** Bluetooth 5.0 allows for wireless connection to compatible devices such as keyboards, mice, and headphones.

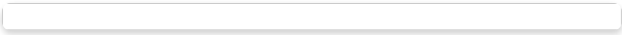


Diagram illustrating the high-speed wireless connectivity options, including WiFi 5 and Bluetooth 5, for the Beelink SER3 Mini PC.

4. MAINTENANCE AND UPGRADES

Memory (RAM) Upgrade

The Beelink SER3 Mini PC features dual-channel DDR4 memory slots. It comes with 16GB DDR4 (2400MT/s) installed and supports expansion up to 32GB (2x16GB).



Close-up view of the SO-DIMM DDR4 memory slots within the Beelink SER3 Mini PC, indicating upgrade potential.

Storage Upgrade

The mini PC includes a 500GB M.2 PCIe3.0 SSD. It supports up to 2TB M.2 2280 NVMe SSDs. Additionally, a 2.5-inch 7mm HDD/SSD slot is available for adding up to 2TB of secondary storage (not included).



Diagram showing the M.2 PCIe3.0 SSD slot and the 2.5-inch SATA HDD slot for storage expansion in the Beelink SER3 Mini PC.

Cooling System

The Beelink SER3 features an upgraded cooling system with a large silent CPU fan, a copper heat sink, and a dedicated SSD cooling shield. This design improves heat dissipation efficiency, ensuring stable performance during operation.



Internal view of the Beelink SER3 Mini PC's cooling system, featuring a large fan and dual heat conduction tubes for efficient heat dissipation.



Chart illustrating the low noise level (32dB) of the Beelink SER3 Mini PC during operation, ensuring a quiet working environment.

5. TROUBLESHOOTING

No Power

- Ensure the power adapter is securely connected to both the mini PC and a working power outlet.
- Verify the power outlet is functional by testing it with another device.
- Check the power button for any obstruction or damage.

No Display

- Confirm that the HDMI cable(s) are securely connected to both the mini PC and the monitor(s).
- Ensure the monitor is powered on and set to the correct input source (HDMI 1, HDMI 2, etc.).

- Try using a different HDMI cable or monitor to rule out faulty equipment.

Network Connectivity Issues

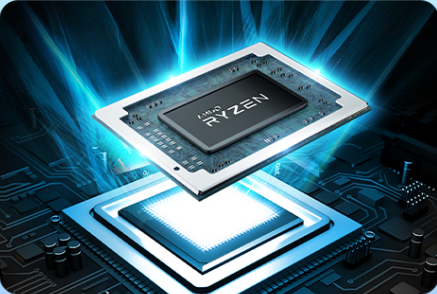
- For wired connections, check if the Ethernet cable is properly connected and if the router/modem is working.
- For wireless connections, ensure WiFi is enabled in Windows settings and that you are connected to the correct network with the correct password.
- Restart your router/modem and the mini PC.

System Performance Issues

- Close unnecessary applications running in the background.
- Ensure Windows is up to date and drivers are installed correctly.
- Check for sufficient free storage space on the SSD.

6. SPECIFICATIONS

AMD Ryzen 5
3500U



3.7 GHz

Max Turbo Frequency
TDP (MSP): 25W

4 Cores

Total Graphics
3core 1200 MHz

8 Threads

Lithography
8MB L3 AMD Smart Cache

Radeon Vega 8
Graphics 1200Mhz



USB3.2 10Gbps*4
3.5mm Audio Jack*1
Locking*1
LAN (1000M)*1
HDMI (Max 4K 60Hz)*2
5.5*2.5 DC Jack*1



M.2 Dual SSD
1800MB/S



SO-DIMM DDR4
2400MT/S



Cooling System
1. Silent fan
3. SSD Cooling
2. Heat pipe/Heat sink



Dual Screen Display Via
Dual HDMI



WiFi 5 (802.11ac)



Bluetooth 5

Summary of key specifications for the Beelink SER3 Mini PC.

Feature	Detail
Processor	AMD Ryzen 5 3500U (2.1-3.7GHz, 4 Cores/8 Threads)
Graphics	Radeon Vega 8 Graphics (1200 MHz)
RAM	16GB DDR4 (2400MT/s), expandable up to 32GB
Storage	500GB M.2 PCIe3.0 SSD, supports 2.5-inch 7mm HDD/SSD (up to 2TB)
Operating System	Windows 11 Pro
Video Output	2 x HDMI (4K@60Hz Dual Display)
USB Ports	4 x USB 3.2 Gen2 (10Gbps)
Network	1 x RJ45 1000M LAN, WiFi 5 (802.11ac), Bluetooth 5.0

Feature	Detail
Audio	1 x Audio Jack (HP&MIC)
Dimensions	4.9 x 4.4 x 1.6 inches (124 x 113 x 42 mm)
Weight	0.75 kg
Additional Features	Auto Power On, RTC, WOL

7. PACKAGE CONTENTS

The Beelink SER3 Mini PC package includes the following items:

- 1 x Beelink SER3 3500U Mini PC
- 1 x Power Adapter
- 1 x User Manual
- 1 x Wall-Mounted Bracket
- 1 x HDMI Cable (100CM)



Visual representation of the items included in the Beelink SER3 Mini PC package.

8. WARRANTY & SUPPORT

Warranty Information

The Beelink SER3 Mini PC comes with a 1-year warranty. Please refer to the warranty card included in your package for detailed terms and conditions.

Customer Support

For any questions or technical assistance regarding your mini PC, please contact Beelink USA customer service. You can typically find contact information through your purchase platform or the official Beelink website.

After-sales Service From Beelink USA



How to Contact us?



24 Hours
Online Reply



Shipment
by Amazon



One Year
Warranty

Information on how to contact Beelink USA for after-sales service, highlighting 24-hour online reply and warranty.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question