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› Beelink SER6 Mini PC User Manual

Beelink SER6

Beelink SER6 Mini PC User Manual

MODEL: SER6

Brand: Beelink

1. Product Overview

The Beelink SER6 Mini PC is a compact and powerful desktop computer designed for various applications, from office work to gaming and home theater use. It features an AMD Ryzen 5 6600H processor, 16GB DDR5 RAM, and a 500GB M.2 NVME SSD, offering efficient performance and ample storage. The device supports 4K 60Hz triple display output and includes advanced connectivity options like WiFi6, Bluetooth 5.2, and 2.5Gbps Ethernet.



Figure 1: Beelink SER6 Mini PC. This image shows the compact design of the mini PC.

AMD Ryzen™ 9 6900HX

Effortless Work

4.9 GHz

Max Turbo Frequency

8 Cores

CPU Cores "Zen 3+"
Microarchitecture

16 Threats

TSMC 6nm FinFET 16MB
L3 Smart Cache

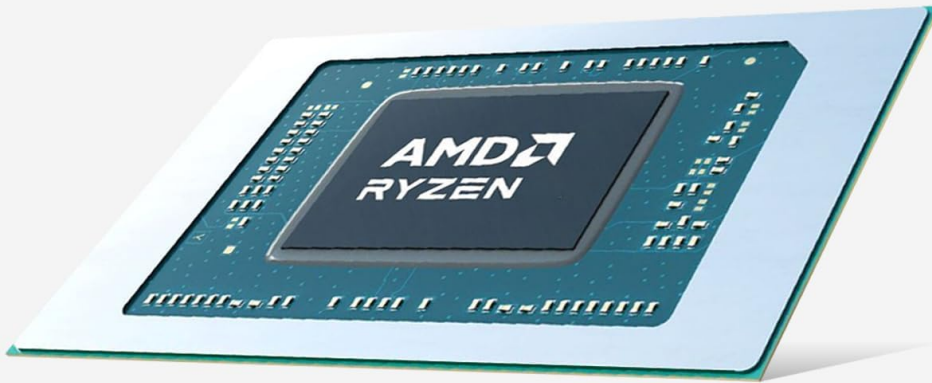


Figure 2: Key Highlights of the Beelink SER6 Mini PC. This image illustrates features such as super quiet operation, built-in PSU, dustproof design, MSC2.0 cooling system, and dual Gigabit Ethernet jacks.

2. Setup

Follow these steps to set up your Beelink SER6 Mini PC:

1. **Unboxing:** Carefully remove all components from the packaging. Ensure you have the Mini PC, power adapter, HDMI cable, and any included accessories (Monitor, Mouse, Keyboard).
2. **Connect Peripherals:**
 - Connect your monitor(s) to the HDMI (Max 4K 60Hz) and/or DisplayPort outputs. The device supports triple display output.
 - Connect your keyboard and mouse to the available USB 3.2 (10Gbps) or USB 2.0 (480Mbps) ports.
 - For wired network access, connect an Ethernet cable to one of the 2.5Gbps LAN ports.
 - For audio, connect speakers or headphones to the 3.5mm Audio Jack.
3. **Power Connection:** Connect the AC power cable to the Mini PC and then to a power outlet.
4. **Power On:** Press the Power Button on the front of the Mini PC. The power indicator light (white light) will illuminate.

5. **Initial Operating System Setup:** The Mini PC comes with a pre-installed operating system. Follow the on-screen prompts to complete the initial setup, including region, language, keyboard layout, and user account creation.

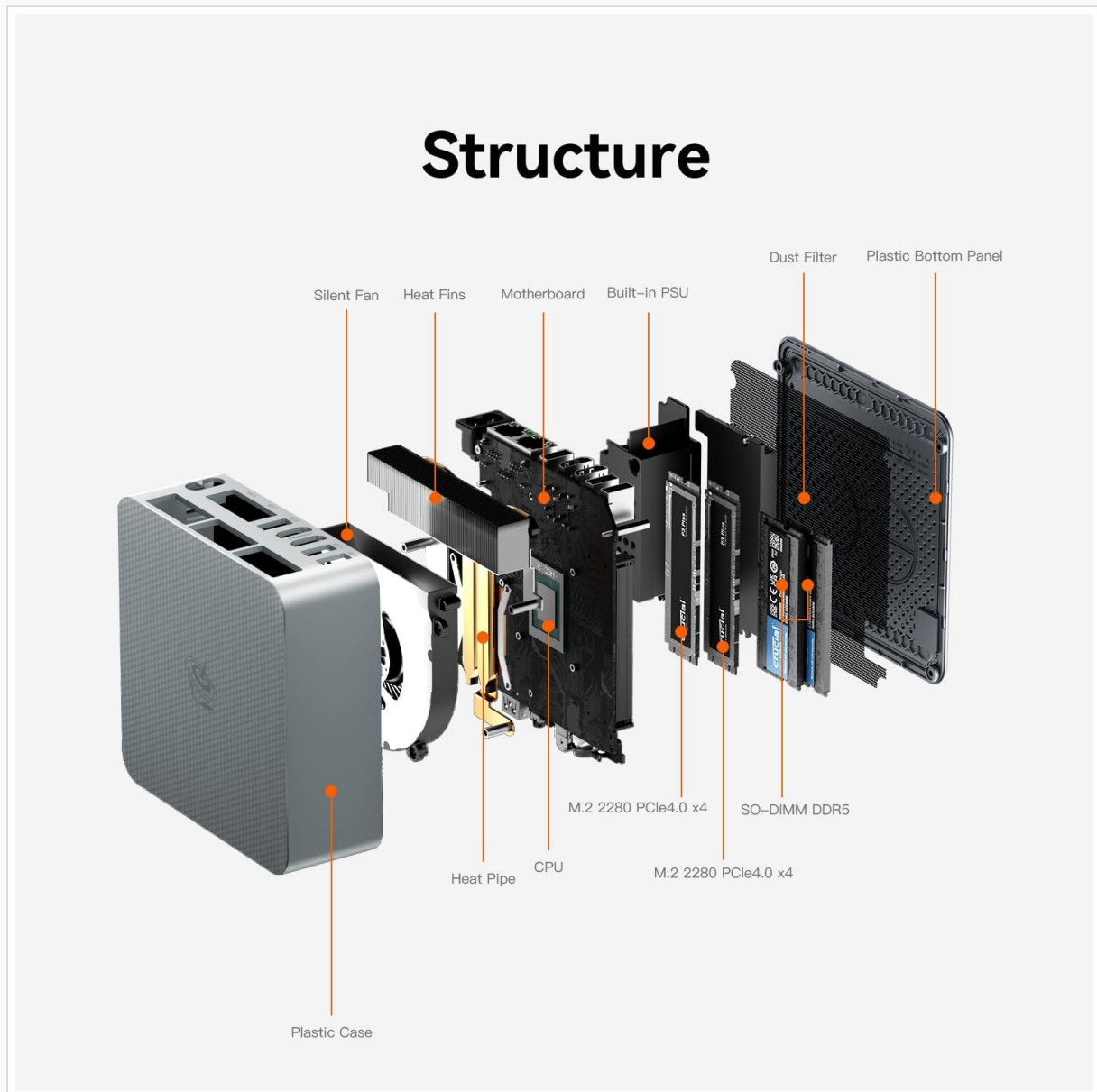


Figure 3: Front and Rear Interfaces of the Beelink SER6 Mini PC. This image details the location of USB 3.2, USB-C, 3.5mm Audio Jack, CLR CMOS, Power Button, Power Indicator Light, USB 2.0, HDMI, LAN, and AC ports.

[Video: How To Install Windows 10](#)

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This video provides a step-by-step guide on how to install Windows 10 on your Beelink Mini PC using a USB drive. It covers preparing the installer, starting the installation via USB, and completing the setup process.

[Video: How to install Windows 11](#)

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This video demonstrates the process of installing Windows 11 on your Beelink Mini PC. It guides users through the necessary steps for a successful installation.

3. Operating

The Beelink SER6 Mini PC is designed for versatile use. Here are some operational guidelines:

- **Network Connectivity:**

- **Wired:** Utilize the dual 2.5Gbps LAN ports for high-speed and stable internet connection.
- **Wireless:** Connect to Wi-Fi networks using the integrated WiFi6 (Intel AX200) module.
- **Bluetooth:** Pair Bluetooth 5.2 compatible devices such as headphones, speakers, or input devices.
- **Display Configuration:** The Mini PC supports up to three displays simultaneously at 4K 60Hz resolution via its HDMI and USB-C ports. Adjust display settings through the operating system's display options.
- **Power Management:** The device supports Auto Power On and Wake On LAN (WOL) features, which can be configured in the BIOS settings for convenient remote access or scheduled operation.

4. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your Mini PC:

- **Cleaning:** Periodically clean the exterior of the Mini PC with a soft, dry cloth. Ensure ventilation grilles are free from dust to maintain optimal airflow.
- **RAM Cleaning:** If you experience memory-related issues, cleaning the RAM contacts can sometimes resolve them. Refer to the video below for guidance.
- **Storage Upgrades:** The Mini PC supports M.2 PCIe 4.0 x4 SSDs (up to 4TB MAX) and has an internal slot for SO-DIMM DDR5 RAM. It also supports adding a 2.5-inch SATA SSD/HDD.

Video: How to Properly Clean RAM

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This video demonstrates the correct procedure for cleaning RAM modules to ensure proper contact and system stability.

Video: SSD Replacement Tutorial

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This tutorial guides you through the process of replacing an SSD in your Beelink Mini PC.

Video: How To Add a SATA SSD To Beelink SER5 Mini PC

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This video provides instructions on how to add a SATA SSD to your Beelink Mini PC, expanding its storage capacity.

5. Troubleshooting

If you encounter issues with your Beelink SER6 Mini PC, consider the following:

- **No Display:**
 - Ensure all display cables (HDMI, DisplayPort) are securely connected to both the Mini PC and the monitor.
 - Verify the monitor input source is correctly selected.
 - Try connecting to a different display or using a different cable.
- **Power Issues:**
 - Check if the power adapter is firmly connected to both the Mini PC and the power outlet.
 - Ensure the power outlet is functional.
- **Connectivity Problems (Wi-Fi/Ethernet):**
 - For Wi-Fi, ensure the Wi-Fi adapter is enabled in the operating system and you are connected to the correct network.

- For Ethernet, check the cable connection and ensure your router/modem is functioning correctly.
- **System Unresponsive/Slow:**
 - Restart the Mini PC.
 - Check for background applications consuming excessive resources.
 - Ensure sufficient free storage space on the SSD.

6. Specifications

Feature	Detail
Brand	Beelink
Model Name	SER6
CPU	AMD Ryzen 5 6600H (6nm, 6C/12T) up to 4.5GHz
Graphics	AMD Radeon Graphics
RAM	16GB DDR5 RAM (Dual SO-DIMM Slots)
Storage	500GB M.2 NVME SSD (M.2 PCIe 4.0 x4, Max 4TB), supports 2.5" SATA HDD/SSD
Operating System	OS (Pre-installed)
Video Output	HDMI (Max 4K 60Hz) x2, USB-C (10Gbps) x1 (supports video out)
Network	WiFi6 (Intel AX200), Bluetooth 5.2, 2.5Gbps LAN x2
Ports	USB 3.2 (10Gbps) x3, USB 2.0 (480Mbps) x1, 3.5mm Audio Jack x1, CLR CMOS x1
Dimensions	126x126x45.5mm (Without Rubber Feet)
Weight	3.12 pounds

7. Warranty and Support

Beelink offers comprehensive support for its products. Your Beelink SER6 Mini PC comes with a 1-year warranty.

For technical support, after-sales service, or any questions regarding your product, please contact Beelink Direct customer service. They offer lifetime technical support and 24/7 after-sales service.

Video: How to contact us

Your browser does not support the video tag.

This video explains how to contact Beelink Direct for customer support, including technical assistance and warranty inquiries.

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

