Beelink AMD Ryzen 5 5560U

Beelink SER5 Mini PC User Manual

Model: AMD Ryzen 5 5560U

Brand: Beelink

1. Getting Started

1.1 What's in the Box

Your Beelink SER5 Mini PC package includes the following items:

- Beelink 5560U Mini PC
- Power Adapter
- HDMI Cables (quantity may vary, typically two for dual display support)

Please ensure all components are present and in good condition upon unboxing.

1.2 Product Overview

The Beelink SER5 Mini PC is a compact and powerful computing solution designed for various applications, from home entertainment to office productivity. It features an AMD Ryzen 5 5560U processor, ample memory, and fast storage, all within a small form factor.



Figure 1: Front view of the Beelink SER5 Mini PC, showcasing its compact design and front-facing ports.



Figure 2: Detailed diagram illustrating the various ports on the Beelink SER5 Mini PC, including USB, HDMI, LAN, and audio jacks, along with a summary of its key specifications.

2. Setup

2.1 Connecting Peripherals

Before powering on your Mini PC, connect your essential peripherals:

- **Display:** Connect your monitor(s) to the HDMI ports on the back of the Mini PC. This model supports dual 4K displays.
- **Keyboard and Mouse:** Plug your USB keyboard and mouse into any available USB ports (USB 2.0 or USB 3.2 Gen2).
- **Network:** For a wired connection, connect an Ethernet cable to the RJ45 1000M LAN port. For wireless, ensure your WiFi 6 network is available.
- **Audio:** If using external speakers or headphones, connect them to the Audio Jack (HP&MIC).



Figure 3: The Beelink SER5 Mini PC supporting a dual-screen display setup, ideal for multitasking and enhanced productivity.

2.2 Powering On

Once all peripherals are connected:

1. Connect the power adapter to the DC Jack on the Mini PC and then to a power outlet.
2. Press the power button on the front of the Mini PC. The power indicator light will illuminate.
3. The system will boot up. Follow the on-screen instructions for initial operating system setup if it's your first time using the device.

This model supports an "Auto Power On" feature. For instructions on enabling this, please contact Beelink technical support with the barcode from the bottom of your device.

3. Operating Instructions

3.1 General Use and Performance

The Beelink SER5 Mini PC is equipped with an AMD Ryzen 5 5560U processor (6 Cores, 12 Threads, up to 4.0 GHz) and AMD Radeon Graphics (6 core, 1600 MHz), providing robust performance for various tasks.

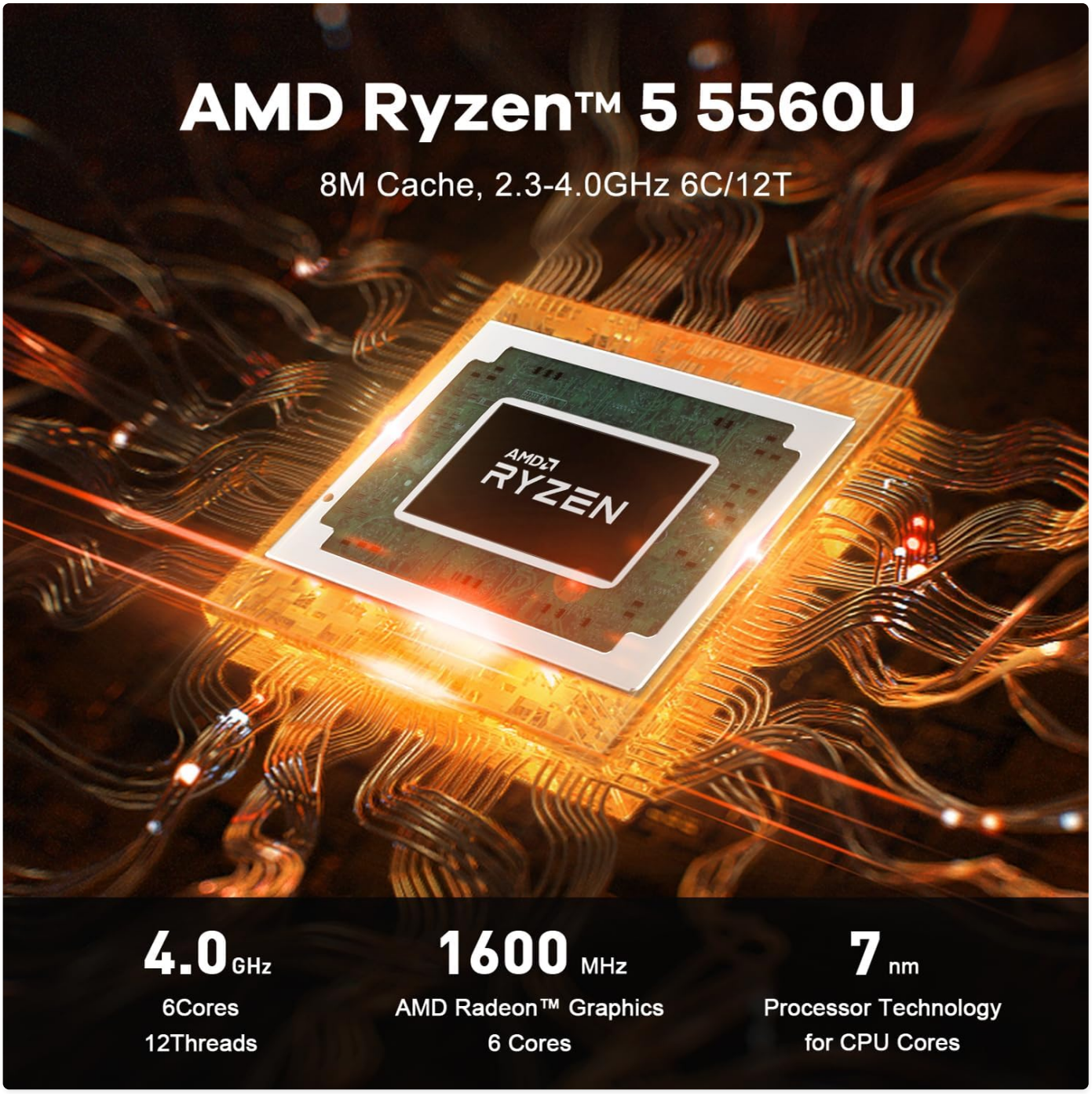


Figure 4: Visual representation of the AMD Ryzen 5 5560U processor, highlighting its 6 cores, 12 threads, and clock speeds up to 4.0 GHz.

It is suitable for:

- Web browsing and multimedia consumption
- Office applications (e.g., Microsoft Office suite)
- Light to moderate photo and video editing (e.g., Photoshop, Illustrator)
- Casual gaming
- Home theater setups



Figure 5: Examples of how the Beelink Mini PC can be used in different environments, from home entertainment to professional settings.

3.2 Connectivity

The Mini PC supports modern connectivity standards:

- **WiFi 6 (802.11ax):** Provides faster and more stable wireless network connections.
- **Bluetooth 5.2:** Offers lower latency and efficient connection to wireless peripherals like keyboards, mice, and audio devices.

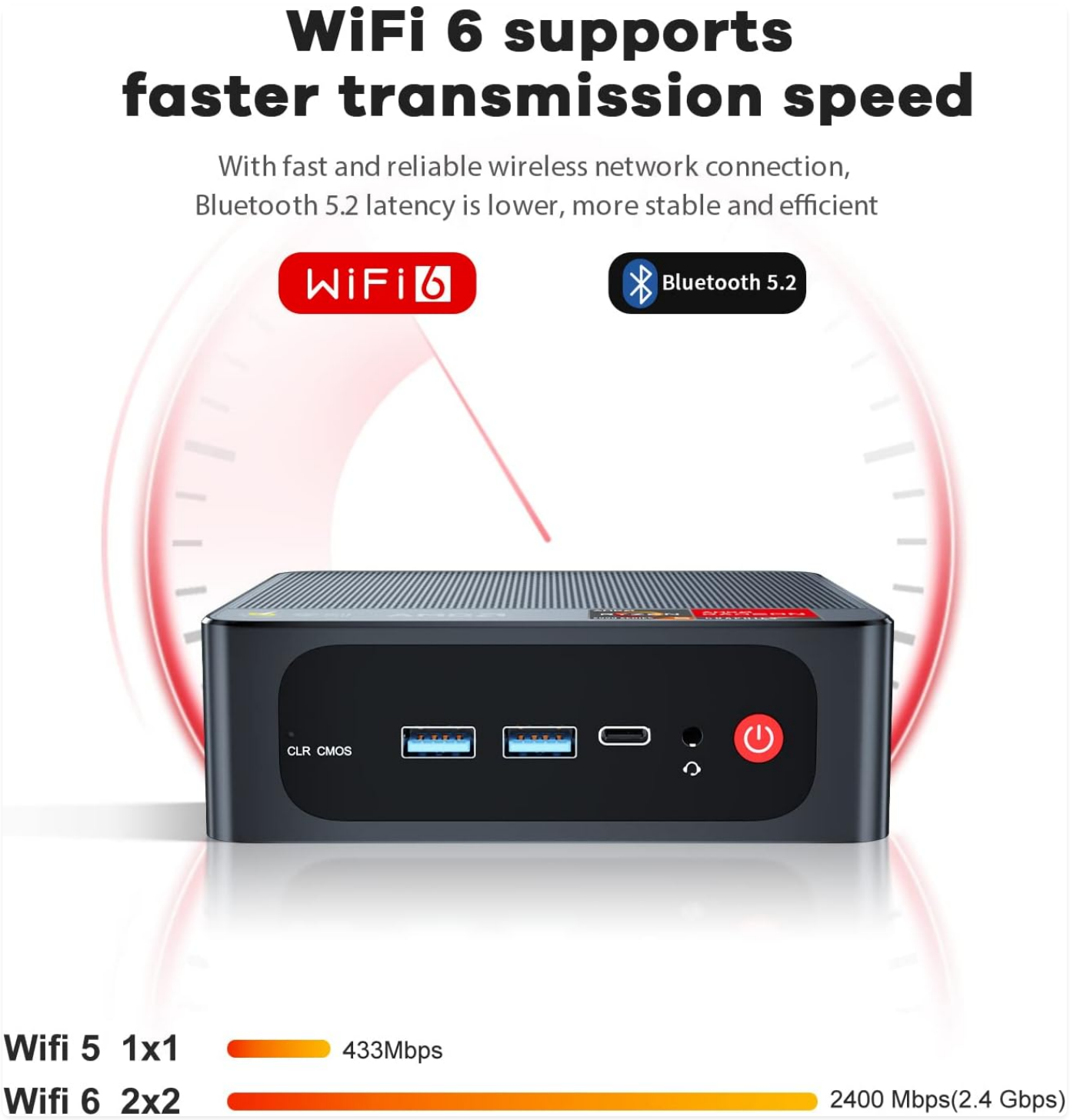


Figure 6: Illustration of the advanced wireless capabilities, including WiFi 6 for faster transmission speeds and Bluetooth 5.2 for stable connections.

4. Maintenance

4.1 Cooling System

The Beelink SER5 Mini PC incorporates a large fan and heat sink design to ensure efficient heat dissipation and quiet operation. This helps maintain optimal performance and extends the lifespan of the components.



Software	Keyshot	Adobe Photoshop	Office	Standby mode
15cm	34-36dB	29-32dB	24-28dB	19-23dB
30cm	30-32dB	25-28dB	18-22dB	12-18dB

0-20dB hardly feel; 20-40dB quiet, as if whispering softly; 40-60dB ordinary indoor talk;
60-70dB noisy and nerve-wounding

Figure 7: An internal view highlighting the efficient cooling system, featuring a large fan and dual heat conduction tubes for stable heat dissipation.

4.2 Storage and Memory Expansion

The Mini PC comes with 16GB DDR4 RAM and a 500GB M.2 PCIe NVME 2280 SSD. You can expand both:

- **RAM:** The two accessible memory slots support up to 64GB (2 x 32GB) DDR4 RAM.
- **Storage:** The M.2 NVMe SSD can be upgraded to a maximum of 2TB. Additionally, you can expand storage via a 2.5-inch 7mm SATA HDD (not included).

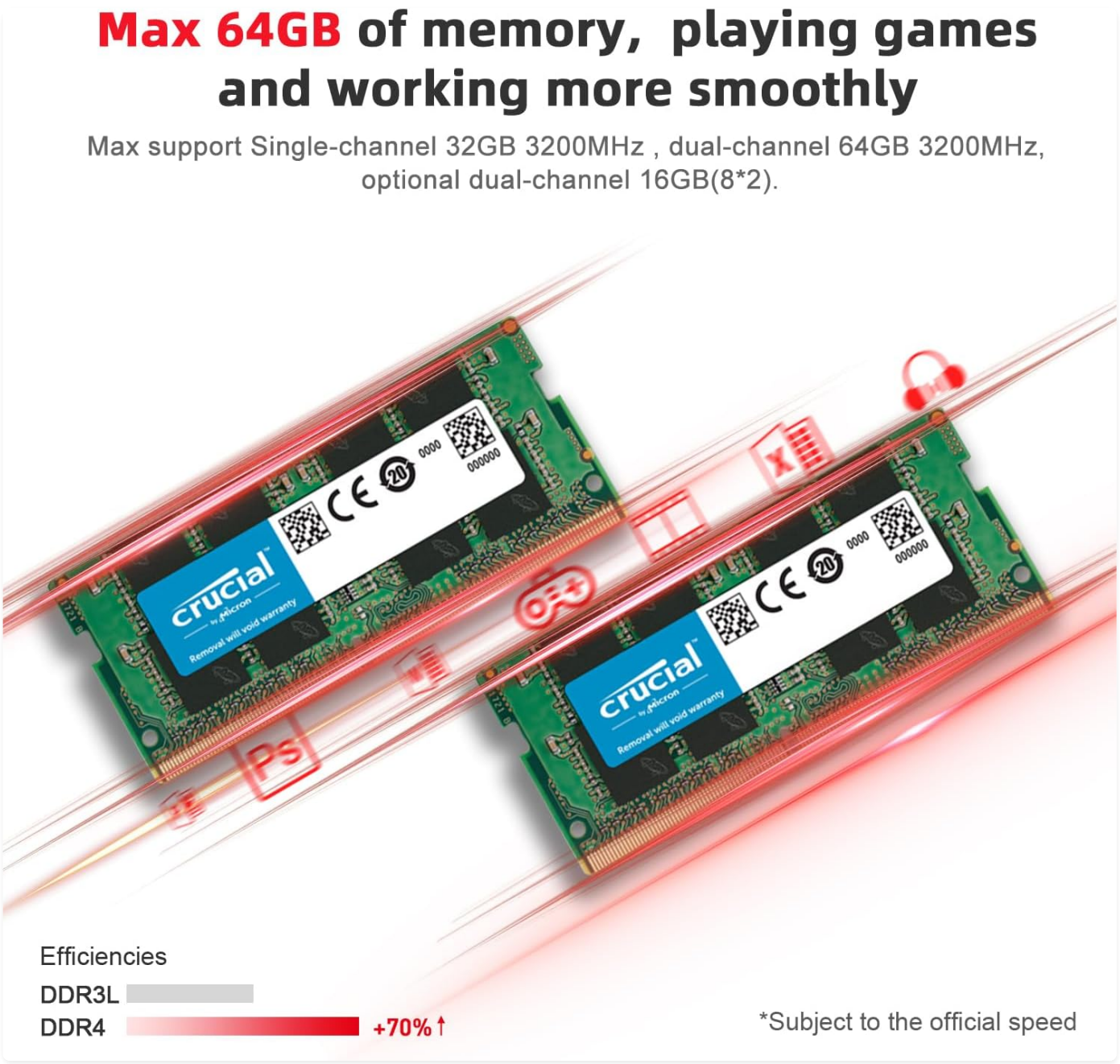


Figure 8: Illustration of the DDR4 RAM modules, indicating support for up to 64GB of memory for smoother performance.

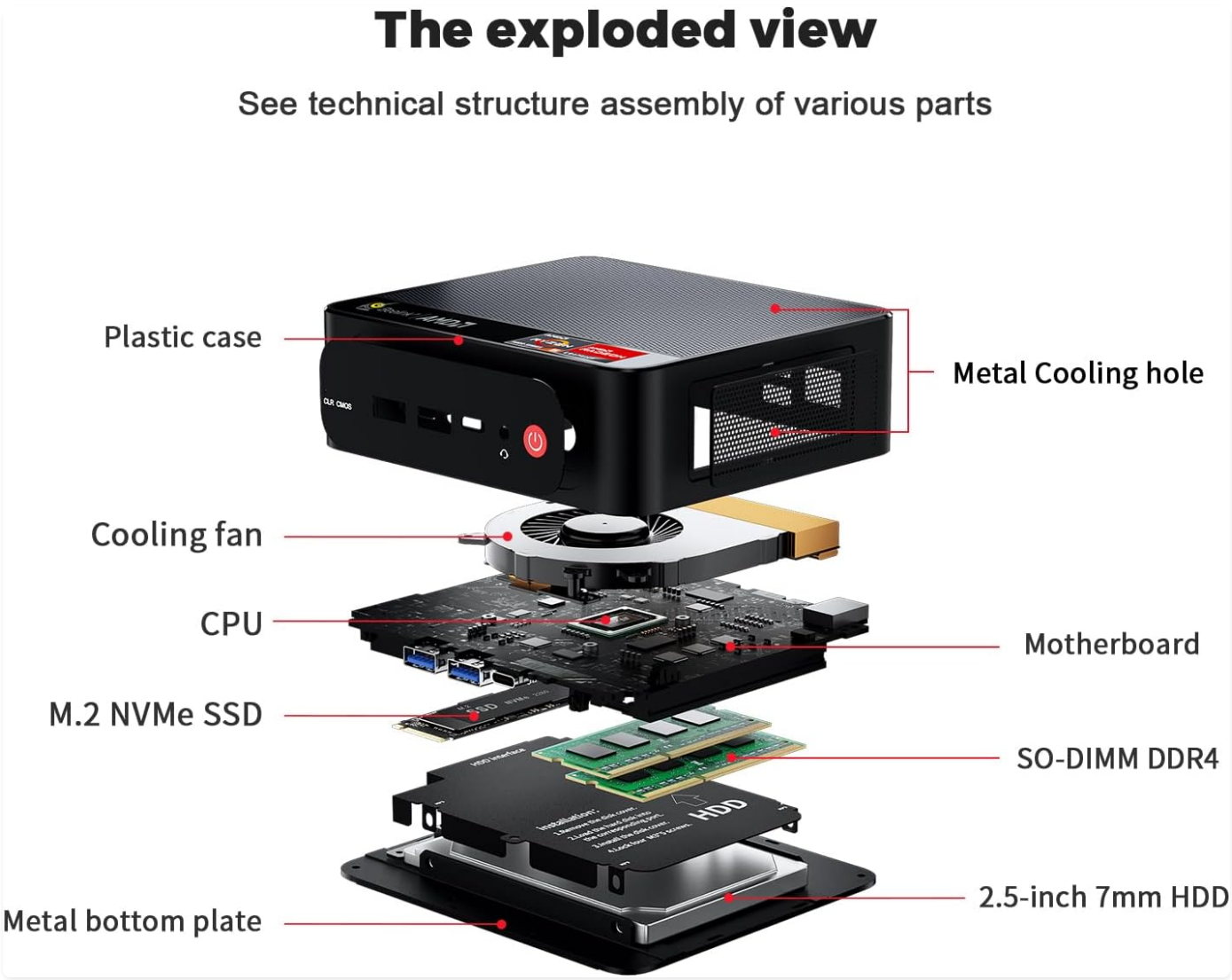


Figure 9: An exploded view of the Mini PC, detailing the placement of internal components such as the M.2 NVMe SSD and SO-DIMM DDR4 slots, along with the cooling fan and motherboard.

5. Troubleshooting

This section addresses common questions and issues you might encounter.



Figure 10: Common questions and answers regarding troubleshooting the Mini PC.

- **Q: What should I do if I find the small PC is defective?**
  A: Please contact us first, and we will provide a satisfied solution for you.

- **Q: What should I do if I need to update the mini computer?**
  A: Please contact us, and we will send you the tutorial.
- **Q: How to enter BIOS?**
  A: Press "delete" to enter the BIOS settings; press "F7" to enter the boot options menu (click continuously immediately after booting).

5.1 Official Product Video

For a detailed visual introduction to the Beelink SER5 5560U Mini PC, please watch the official product video below. This video provides an overview of its features and capabilities.

Your browser does not support the video tag.

Video 1: Detailed Introduction of Beelink SER5 5560U Mini PC. This video provides a comprehensive look at the product's design, features, and performance.

6. Specifications

Feature	Detail
Processor	AMD Ryzen 5 5560U (6 Cores, 12 Threads, 2.3GHz up to 4.0GHz)
Graphics	AMD Radeon Graphics (6 core, 1600 MHz)
RAM	16GB DDR4 (Expandable up to 64GB)
Storage	500GB M.2 PCIe NVME 2280 SSD (Max 2TB), supports 2.5-inch 7mm SATA HDD expansion
Operating System	OS (Pre-installed, specific version may vary)
Wireless Connectivity	WiFi 6 (802.11ax), Bluetooth 5.2
LAN	1000M RJ45 Ethernet
Video Output	2 x HDMI (Supports Dual 4K@60Hz Display)
USB Ports	2 x USB 3.2 Gen2, 2 x USB 2.0
Audio Port	1 x Audio Jack (HP&MIC)
Dimensions	Approximately 126 x 113 x 42 mm (5 x 4.4 x 1.6 inches)
Weight	Approximately 2.23 pounds (1.01 kg)
Color	Black
Certifications	FCC, CE ROSH

7. Warranty and Support

Beelink is committed to providing excellent customer service and support for your Mini PC.

- **Lifetime Technical Support:** Beelink offers lifetime technical support for your product.
- **Warranty:** All products come with a 12-month warranty.
- **Customer Service:** 7 Day / 24 hours service is available for your convenience.
- **New Replacement:** Beelink provides new replacements for defective mini PCs during the warranty period.

For any inquiries or support needs, please refer to the contact information provided with your product or visit the official Beelink support channels.



Figure 11: Information on how to access Beelink customer service and technical support.

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