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## Beelink SER5

# Beelink SER5 Mini PC AMD Ryzen 7 5825U User Manual

## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Beelink SER5 Mini PC. The Beelink SER5 is a compact and powerful mini computer featuring an AMD Ryzen 7 5825U processor, designed for various applications including office work, multimedia, and light gaming.



Figure 1: Beelink SER5 Mini PC. This image displays the compact design of the mini PC, highlighting its front panel with the power button and USB ports.

The image is a promotional graphic for the Beelink SER5 Pro Mini PC. It features a central image of the black mini PC on a desk with a monitor, keyboard, and mouse. Surrounding this are several callout boxes highlighting key specifications: the AMD Ryzen 7 Pro 5825U processor (4.5 GHz Max Turbo Frequency, 8 Cores, 16 Threads), AMD Radeon Graphics 8 CUs (2000 MHz), SSD M.2 2280 (Support up to 2TB), DDR4 3200 MHz (Max Dual channel 64G), Wi-Fi 6, BT 5.2, and a Three-screen display (HDMI+DP+Type-C). The overall design is clean and modern with a blue and white color scheme.

**SER5 PRO**

**AMD Ryzen 7 Pro 5825U**  
Machine size: 4.96\*4.44\*1.65 in

**4.5 GHz**  
Max Turbo Frequency

**8**  
Cores

**16**  
Threads

**2000 MHz**  
AMD Radeon Graphics 8 CUs

**SSD M.2 2280**  
Support up to 2TB

**DDR4 3200 MHz**  
Max Dual channel 64G

**WiFi**  
Wi-Fi 6

**BT 5.2**

**Three-screen display**  
HDMI+DP+Type-C

Figure 2: Key Features Overview. This diagram illustrates the core components and capabilities of the Beelink SER5, including its processor, graphics, storage, memory, and connectivity options.

## 2. WHAT'S IN THE BOX

Verify that all items are present in the package:

- 1 x Beelink SER5 Pro 5850U Mini PC
- 1 x HDMI Cables(100CM)
- 1 x 19V 3.42A Power Adapter (US Standard)
- 1 x Vesa Mount with Screws
- 1 x User Manual

## 3. SETUP GUIDE

### 3.1. Connecting Peripherals

Before powering on your Beelink SER5 Mini PC, connect all necessary peripherals:

1. **Connect Display:** Use the provided HDMI cable or a DisplayPort (DP) cable to connect your monitor to the corresponding port on the mini PC. For triple display setup, utilize the HDMI, DP, and Type-C ports.
2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into the available USB 3.2 or USB 2.0 ports.
3. **Connect Network (Optional):** For a wired connection, connect an Ethernet cable to the 2.5G LAN port. For wireless, ensure your WiFi network is available.
4. **Connect Power:** Plug the 19V 3.42A power adapter into the DC input port on the mini PC, then connect the adapter to a power outlet.



Figure 3: Port Layout. This image provides a clear view of all available ports on the Beelink SER5 Mini PC, assisting with correct peripheral connection.

### 3.2. Initial Power On

After connecting all peripherals:

1. Press the power button located on the front of the mini PC.
2. The system will boot up, and you will be guided through the initial Windows 11 Pro setup process. Follow the on-screen instructions to configure your operating system.

## 4. OPERATING INSTRUCTIONS

### 4.1. Basic Operation

The Beelink SER5 Mini PC operates like a standard desktop computer. Use your connected keyboard and mouse to navigate the Windows 11 Pro interface. To shut down, restart, or put the PC to sleep, use the standard Windows power options.

### 4.2. Display Configuration

The mini PC supports up to three 4K displays simultaneously. To configure multiple displays:

1. Connect your monitors to the HDMI (4K@60Hz), DisplayPort (4K@144Hz), and Type-C (4K@60Hz) ports.
2. Right-click on the desktop and select "Display settings."
3. Windows will detect the connected displays. You can arrange them, change their resolution, and set their orientation (extend, duplicate, or show only on one).



Figure 4: Triple Display Setup. This image illustrates the Beelink SER5 Mini PC driving three separate monitors, showcasing its multi-display capabilities for productivity or entertainment.

### 4.3. Network Connectivity

The Beelink SER5 features advanced wireless connectivity:

- **Wi-Fi 6 (802.11ax):** For wireless internet access, navigate to Windows network settings, select your Wi-Fi network, and enter the password. Wi-Fi 6 provides faster and more stable connections.
- **Bluetooth 5.2:** To connect Bluetooth devices (e.g., headphones, speakers), go to Windows Bluetooth settings, enable Bluetooth, and pair your device.



Figure 5: Wireless Connectivity. This diagram highlights the integrated Wi-Fi 6 and Bluetooth 5.2 technologies, ensuring fast and reliable wireless communication.

## 5. MAINTENANCE AND UPGRADES

### 5.1. Cleaning

To ensure optimal performance and longevity, keep your mini PC clean:

- Use a soft, dry cloth to wipe the exterior.
- Periodically use compressed air to clear dust from ventilation grilles. Ensure the PC is powered off and unplugged before cleaning.

## 5.2. Storage and RAM Upgrades

The Beelink SER5 Mini PC offers upgrade options for storage and memory:

- **M.2 NVMe SSD:** The device comes with a 500GB M.2 SSD NVMe 2280, which can be upgraded to a maximum of 2TB.
- **DDR4 SO-DIMM RAM:** The mini PC is equipped with 32GB DDR4 RAM (2x16GB) and supports dual-channel DDR4, upgradeable to a maximum of 64GB (2 x 32GB) at up to 3200MHz.

For upgrade procedures, it is recommended to consult a qualified technician or refer to specific Beelink upgrade guides available online to avoid damaging the device.

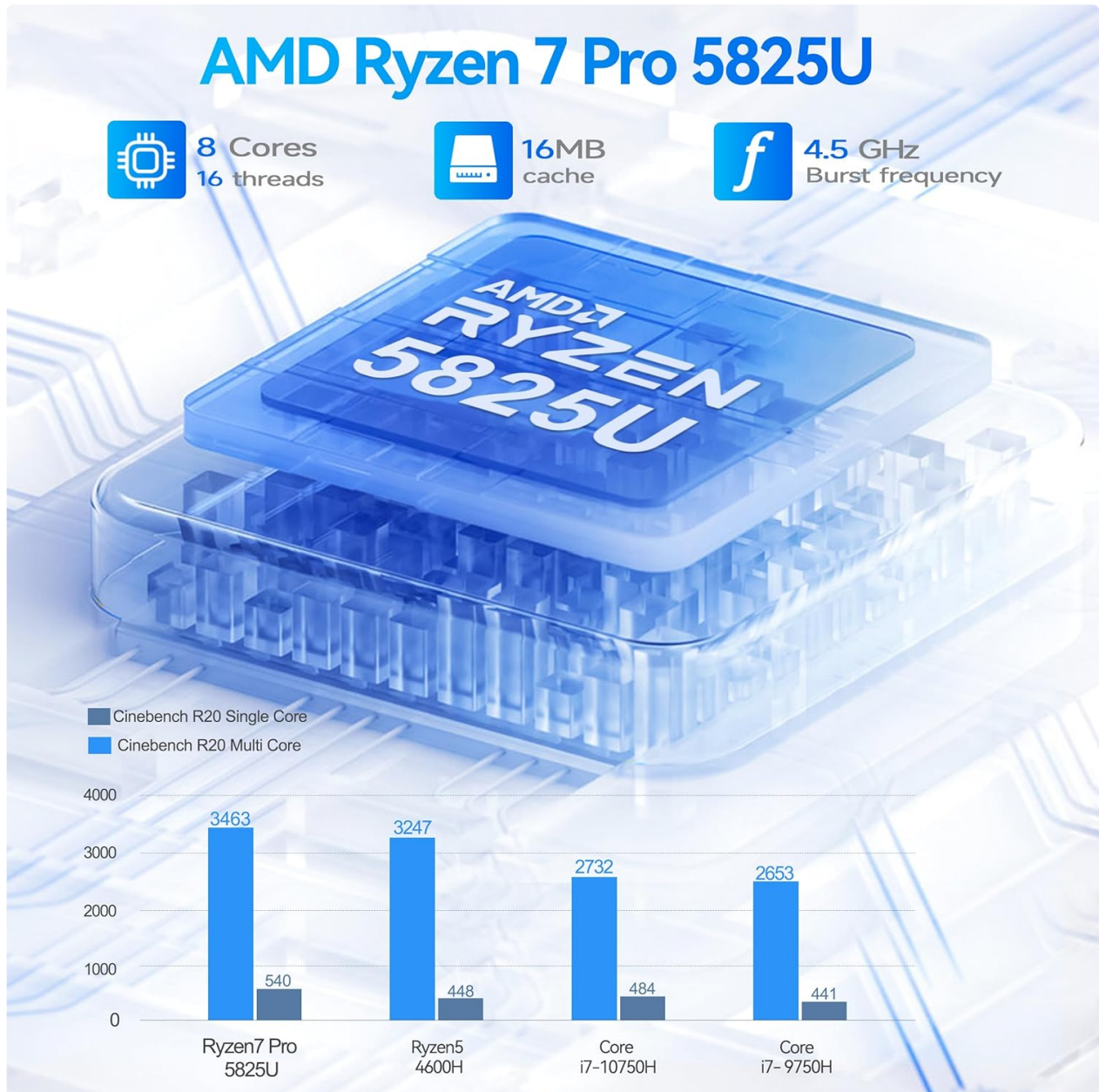


Figure 6: Internal Components. This image shows the M.2 NVMe SSD and DDR4 RAM slots, indicating areas for potential upgrades.

## 6. TROUBLESHOOTING

If you encounter issues with your Beelink SER5 Mini PC, refer to the following common solutions:

- **No Power:** Ensure the power adapter is securely connected to both the PC and a working power outlet.

Try a different outlet.

- **No Display:** Verify that the monitor is powered on and correctly connected to the PC. Try a different display cable or monitor. Ensure the correct input source is selected on your monitor.
- **No Internet Connection (Wi-Fi):** Check if Wi-Fi is enabled in Windows settings. Ensure you are connected to the correct network and have entered the password correctly. Restart your router and the mini PC.
- **Slow Performance:** Close unnecessary applications. Check for background updates. Ensure sufficient free storage space. Consider upgrading RAM or SSD if performance issues persist during demanding tasks.
- **Peripheral Not Detected:** Try connecting the peripheral to a different USB port. Ensure drivers are up to date.

For persistent or complex issues, please contact Beelink technical support.

## 7. TECHNICAL SPECIFICATIONS

Feature	Specification
Processor	AMD Ryzen 7 5825U (8 Cores, 16 Threads, up to 4.5GHz)
Graphics	AMD Radeon™ Graphics 8core 2000 MHz
RAM	32 GB DDR4 SO-DIMM (Upgradeable to 64GB)
Storage	500 GB M.2 NVMe 2280 SSD (Upgradeable to 2TB)
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth 5.2
LAN	2.5G RJ45 Ethernet
Video Output	1x HDMI 2.0 (4K@60Hz), 1x DP 1.4 (4K@144Hz), 1x Type-C (4K@60Hz)
USB Ports	3x USB 3.2 Gen2, 1x USB 2.0, 1x Type-C
Audio	1x 3.5mm Audio Jack (HP&MIC)
Dimensions (LxWxH)	4.96 x 4.44 x 1.65 inches
Weight	1.96 pounds
Power Source	DC 19V 3.42A

## 8. WARRANTY AND SUPPORT

Beelink provides technical support for your product. For any inquiries or assistance, please refer to the contact information provided with your purchase or visit the official Beelink website.

If you require specific features such as auto power on or Wake on LAN (WOL), please provide the barcode located at the bottom of your device when contacting technical support. They will provide the necessary tutorial files and guidance.

Please retain your proof of purchase for warranty claims. Warranty terms and conditions are subject to regional

policies and may be detailed on the Beelink official website or included in your product packaging.