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› [Beelink](#) /

› [Beelink SER5 MAX Mini PC User Manual](#)

Beelink SER5 MAX

Beelink SER5 MAX Mini PC User Manual

Model: SER5 MAX

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Beelink SER5 MAX Mini PC. The Beelink SER5 MAX is a compact desktop computer powered by an AMD Ryzen 7 6800U processor, designed for various applications including office work, home entertainment, graphic design, and light gaming. It features high-speed memory, ample storage, and extensive connectivity options to enhance your productivity and multimedia experience.



Image: Overview of the Beelink SER5 MAX Mini PC, showcasing its compact design and key features.

2. WHAT'S IN THE Box

Please check the contents of your package to ensure all items are present:

- 1 x SER5 MAX 6800U Mini PC
- 1 x HDMI Cable (100CM)
- 1 x Power Adapter

- 1 x User Manual



Image: Contents included in the Beelink SER5 MAX Mini PC package, showing the mini PC, power adapter, HDMI cable, and user manual.

3. PRODUCT FEATURES

The Beelink SER5 MAX Mini PC is equipped with advanced components for optimal performance:

- **Processor:** AMD Ryzen 7 6800U (8 Cores/16 Threads, up to 4.7GHz, 16MB L3 Cache, 28W TDP).
- **Graphics:** Integrated AMD Radeon RDNA 2 Graphics (12 Cores, 2200MHz).
- **Memory:** 24GB LPDDR5 6300MHz RAM (2x12GB, non-replaceable).
- **Storage:** 500GB M.2 2280 PCIe 4x4 SSD. Supports dual SSDs up to 8TB total (Max 4TB each SSD).
- **Display Output:** Supports 4K@60Hz Triple Display via DP1.4, HDMI 2.0, and Type-C.
- **Wireless Connectivity:** WiFi 6 (802.11ax) for speeds up to 1200Mbps, Bluetooth 5.2.
- **Wired Connectivity:** Gigabit Ethernet (RJ45 1000Mbps LAN).
- **Ports:**
 - 3 x USB 3.2 Gen2 Type-A (10Gbps)
 - 1 x USB 2.0 Type-A
 - 1 x Type-C (Data & Video Output)
 - 1 x HDMI 2.0
 - 1 x DisplayPort (DP1.4)
 - 1 x DC Jack (Power Input)
 - 1 x 3.5mm Audio Jack (HP&MIC)
 - 1 x CLR CMOS Reset button
- **Cooling System:** MSC2.0 Cooling System with heat pipe, heat sink, and silent fan.
- **Dimensions:** 4.9 x 4.4 x 1.6 inches (126 x 113 x 42 mm).

8 cores

4.7 GHz
Max. Boost Clock

16 threads

MSC2.0 Cooling System

Heat Pipe + Heat Sink + Silent Fan

Wi-Fi 6
+
Bluetooth 5.2

LPDDR5 6300MHz



SER5 MAX

AMD Ryzen™ R7 6800U

Small but powerful

Dimension: 126*113*42mm



Dual M.2 2280 PCIe 4.0
SSD slots with each
supporting up to 4TB SSD



Triple Display

HDMI+DP+Type-C



2200 MHz

AMD Radeon™ Graphics (12 CU)s)
with 2200 MHz graphics frequency

Image: Front and rear view of the Beelink SER5 MAX Mini PC, highlighting its various connectivity ports.

24GB LPDDR5 6300MHz Memory for Unrestrained Usage

Powered by Micron's premium 24GB (12GBx2) LPDDR5 high-capacity, high-frequency memory, this SER5 MAX offers you smoother system operation, faster software launches, and more efficient processing.

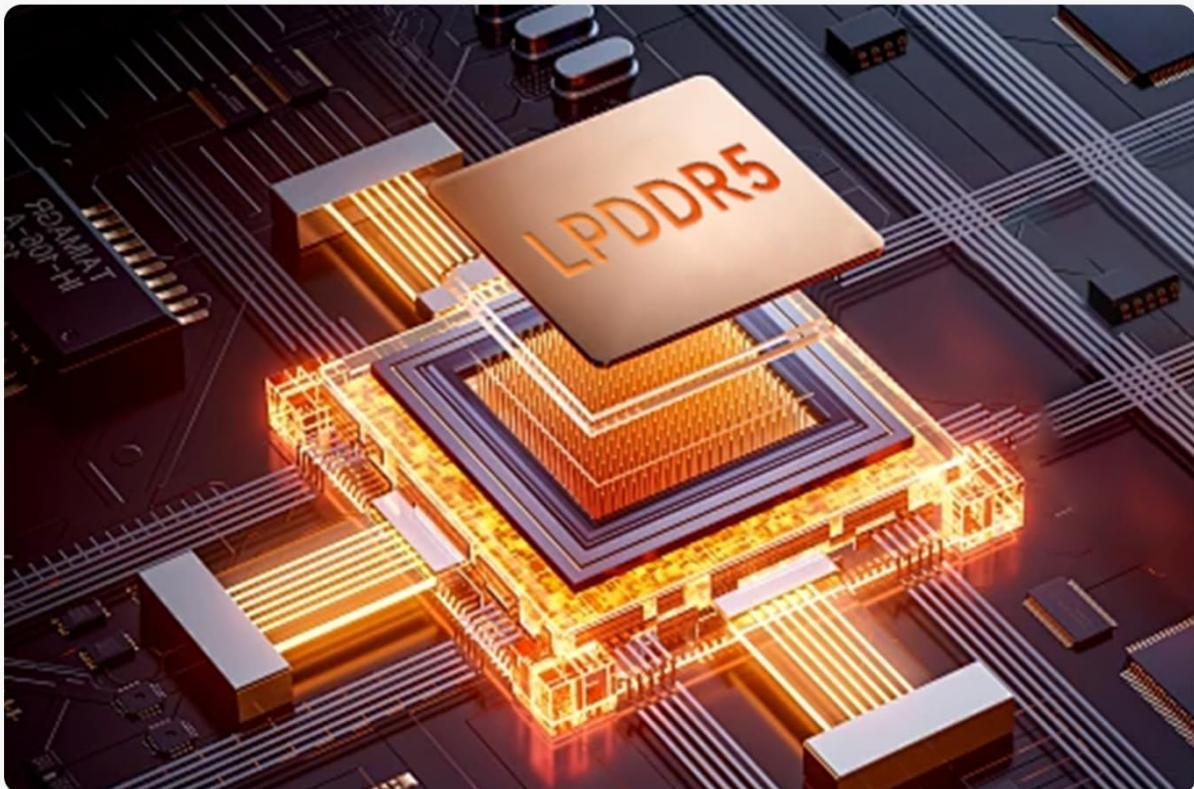


Image: A Beelink SER5 MAX Mini PC connected to three monitors, demonstrating its triple display capability for multitasking.

Seamless internet access experience the speed of WiFi 6

NO network congestion and lower latency,Bluetooth 5.4 offers improved stability and efficiency.

WiFi 6

Bluetooth 5.4



Wifi 6 2x2 1200 Mbps(1.2 Gbps)

Wifi 5 1x1 433Mbps

Image: Diagram illustrating the efficient MSC2.0 cooling system of the Beelink SER5 MAX, featuring a heat pipe, heat sink, and silent fan.

Product Video Overview

Your browser does not support the video tag.

Video: An official overview of the Beelink SER5 MAX 6800U Mini PC, highlighting its design, features, and performance capabilities.

4. SETUP GUIDE

Follow these steps to set up your Beelink SER5 MAX Mini PC:

- 1. Connect Peripherals:** Connect your monitor(s) using the HDMI, DisplayPort, or Type-C ports. Connect your keyboard and mouse to the available USB ports.
- 2. Connect Power:** Plug the power adapter into the DC Jack on the back of the Mini PC, then plug the adapter into a power outlet.

3. **Power On:** Press the power button located on the front of the Mini PC. The system will boot up.
4. **Initial Setup:** Follow the on-screen instructions to complete the Windows 11 Pro initial setup, including language, region, network connection, and user account creation.
5. **Network Connection:** For wired internet, connect an Ethernet cable to the LAN port. For wireless internet, select your Wi-Fi network during setup or via Windows settings.

5. OPERATING INSTRUCTIONS

Your Beelink SER5 MAX Mini PC comes pre-installed with Windows 11 Pro, offering a familiar and intuitive operating environment.

- **Basic Usage:** Navigate the Windows interface using your mouse and keyboard. Launch applications from the Start Menu or desktop shortcuts.
- **Triple Display Setup:** To utilize multiple monitors, connect them to the available HDMI, DisplayPort, and Type-C video outputs. Windows will automatically detect the displays. You can configure display settings (e.g., extend, duplicate) via *Settings > System > Display*.
- **Connecting Bluetooth Devices:** To pair Bluetooth devices (e.g., headphones, speakers), go to *Settings > Bluetooth & devices*, turn on Bluetooth, and select 'Add device'.
- **USB 3.2 Gen2:** Utilize the high-speed USB 3.2 Gen2 ports for fast data transfer with compatible external storage devices. The Type-C port also supports data and video output.



Image: The Beelink SER5 MAX Mini PC running multiple productivity applications simultaneously, demonstrating its multitasking capabilities.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Mini PC:

- **Cleaning:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Use compressed air to clear dust from the ventilation grilles to maintain efficient cooling.
- **Ventilation:** Ensure the Mini PC is placed in a well-ventilated area, away from direct sunlight or heat sources. Do not block the air vents.
- **Storage Upgrade:** The Mini PC supports dual M.2 2280 PCIe 4x4 SSDs. To upgrade or add storage, carefully open the chassis and install the new SSD. Refer to the detailed instructions provided with your device for

specific steps.

- **Software Updates:** Keep your Windows operating system and drivers updated to ensure security and performance.

Support for Dual M.2 PCIe4.0 SSDs

An M.2 PCIe4.0 SSD of up to 4TB in each slot. Optional storage of retail units is 500GB/1TB.



Image: Internal view of the Beelink SER5 MAX Mini PC, showing the dual M.2 2280 PCIe 4.0 SSD slots for storage expansion.

7. TROUBLESHOOTING

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

- **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 plugging in another device.
- **No Display:**
 - Check all video cable connections (HDMI, DP, Type-C) between the Mini PC and the monitor(s).

- Ensure the monitor is powered on and set to the correct input source.
- Try connecting to a different monitor or using a different video cable.

- **No Internet Connection:**

- For Wi-Fi, check if Wi-Fi is enabled in Windows settings and if you are connected to the correct network.
- For wired connection, ensure the Ethernet cable is properly connected and your router is working.
- Restart your router and modem.

- **System Slowdown:**

- Close unnecessary applications running in the background.
- Check for and install any pending Windows updates.
- Ensure adequate ventilation to prevent overheating.

- **CLR CMOS Reset:** If the system experiences boot issues or incorrect settings, locate the CLR CMOS button (often a small pinhole) on the front panel and press it with a paperclip for a few seconds while the device is off. This will reset BIOS settings to default.

8. SPECIFICATIONS

Detailed technical specifications for the Beelink SER5 MAX Mini PC:

Component	Specification
Processor	AMD Ryzen 7 6800U (8C/16T, 2.7GHz base, up to 4.7GHz boost)
Graphics	AMD Radeon 680M (12 cores, 2200MHz)
RAM	24GB LPDDR5 6300MHz (2x12GB SODIMM)
Storage	500GB M.2 2280 PCIe 4x4 SSD (Expandable up to 8TB total)
Operating System	Windows 11 Pro
Wireless Connectivity	WiFi 6 (802.11ax), Bluetooth 5.2
Wired Connectivity	Gigabit Ethernet (RJ45 1000Mbps LAN)
Video Output	1x HDMI 2.0 (4K@60Hz), 1x DisplayPort 1.4 (4K@144Hz), 1x Type-C (4K@120Hz)
USB Ports	3x USB 3.2 Gen2 Type-A, 1x USB 2.0 Type-A, 1x Type-C (Data&Video)
Audio	1x 3.5mm Audio Jack (HP&MIC)
Power Input	DC Jack (19V-3.42A, 65W)
Dimensions	126 x 113 x 42 mm (4.9 x 4.4 x 1.6 inches)
Weight	Approx. 1.94 pounds
Other Features	Wake On LAN, Auto Power On, CLR CMOS

Beelink SER5 MAX Desktop Computer Specifications

CPU	AMD Ryzen 7 6800U 2.7-4.7GHz 8C/16T L2 4MB L3 16MB/ 15-28W TDP/ 6nm	GPU	AMD Radeon 680M 12core(2200MHz)
RAM	24GB LPDDR5, 6300MHz(Non-replaceable)	ROM	500GB M.2 PCIe4.0x4 2280 SSD, Max 5000MB/S
Internal slot	LPDDR5 Slot x2, M.2 PCIe4.0 X4 2280 SSD Slot x2	Connectivity	WiFi 6(802.11ax), Bluetooth 5.2, RJ45 1000Mbps LAN
Interface	2*USB3.2 Gen2, 1*USB-C (Data&Video), 1*HDMI2.0, 1*DP1.4, 2*USB2.0 1* 1000Mbps LAN, 1*3.5mm Audio Jack(HP&MIC), 1*DC Jack, 1*CLR CMOS Reset	Package	1 x Beelink SER5 Max 6800U Mini PC, 1 x HDMI Cables(100CM), 1 x 19V-3.42A 65W Power Adapter, 1 x User Manual
Power	Input: 100-240V AC, 50/60Hz , Output: 19V 3.42A	Other Functions	Wake ON Lan, Auto Power ON
Working Temperature	-10°C--45°C 30%--85% Humidity	Storage Temperature	-20°C~60C,10%~90% Humidity Environment

Image: A detailed table summarizing the technical specifications of the Beelink SER5 MAX Mini PC.

9. WARRANTY AND SUPPORT

Beelink provides comprehensive support for your Mini PC:

- Lifetime Technical Support:** Access to technical assistance for the lifespan of your product.
- Customer Service:** 7/24 hours customer service available.
- Warranty:** Please refer to your purchase documentation for specific warranty period details.

How to Contact Support:

1. Log in to your Amazon account.
2. Go to "Your Account".
3. Navigate to "Your Orders".
4. Select the Beelink SER5 MAX Mini PC and choose "Ask Product Question" to contact Beelink USA directly.

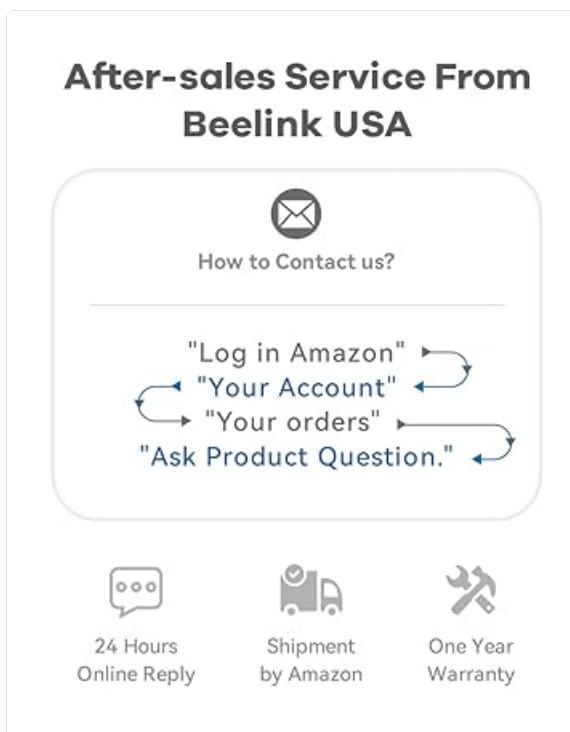


Image: Information on how to contact Beelink USA for after-sales service and support.

