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BOSGAME E2

BOSGAME E2 Mini PC User Manual

Model: E2

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your BOSGAME E2 Mini PC. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize its lifespan. Keep this manual for future reference.

2. WHAT'S IN THE Box

Verify that all items are present upon unboxing:

- 1x BOSGAME E2 Mini PC
- 1x HDMI Cable
- 1x VESA Mount & Screws
- 1x Power Adapter
- 1x User Manual (this document)



Figure 2.1: BOSGAME E2 Mini PC and its standard accessories.

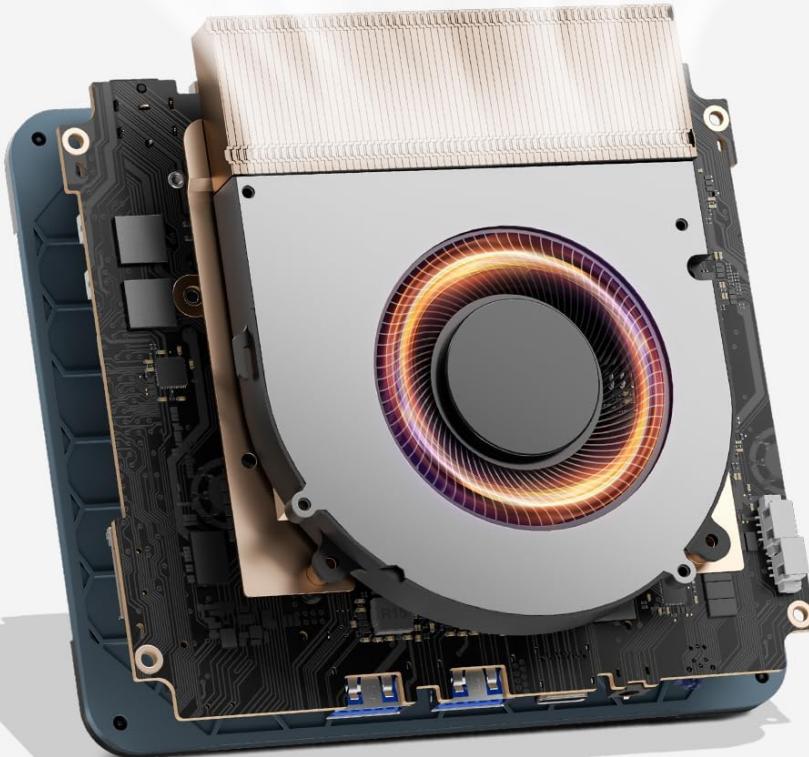
3. PRODUCT OVERVIEW

The BOSGAME E2 Mini PC is a compact desktop computer designed for various applications, including office work, home entertainment, and streaming. It features a robust AMD Ryzen 5 3550H processor and integrated Radeon Vega 8 Graphics.

3.1 Front Panel

Highly efficient heat dissipation

Efficient and stable heat dissipation system, quiet operation



Cooling Fan



Heat Conduits

Figure 3.1: Front panel of the BOSGAME E2 Mini PC.

- **Power Button:** Press to turn on/off the device.
- **USB 3.2 Gen1 Ports (x2):** For connecting USB devices (e.g., keyboard, mouse, external drives).
- **USB-C Port:** Supports data transmission and 1080P@60Hz video output.
- **Audio Jack:** For connecting headphones or speakers.

3.2 Rear Panel



1000M RJ45 LAN

The main advantages of Gigabit Ethernet ports are speed, stability and relatively low cost, with widely available devices and network cables.

Figure 3.2: Rear panel of the BOSGAME E2 Mini PC.

- **DC Power Input:** Connect the included power adapter here.
- **HDMI 2.0 Ports (x2):** Supports 4K@60Hz video output.
- **USB 3.2 Gen1 Port (x1):** For connecting USB devices.
- **USB 2.0 Port (x1):** For connecting USB devices.
- **RJ45 LAN Port:** Gigabit Ethernet connection for wired network access.

4. SETUP GUIDE

Follow these steps for initial setup of your Mini PC:

1. **Connect Display:** Connect your monitor(s) to the Mini PC using the HDMI ports or the USB-C port. The device supports up to three 4K displays.
2. **Connect Peripherals:** Plug in your USB keyboard and mouse to the available USB ports.
3. **Connect Network (Optional):** For a wired internet connection, connect an Ethernet cable to the RJ45 LAN port. For

wireless, Wi-Fi 5 is built-in.

4. **Connect Power:** Plug the power adapter into the DC power input on the Mini PC, then plug the adapter into a power outlet.
5. **Power On:** Press the power button on the front panel to turn on the Mini PC.
6. **Initial Configuration:** Follow the on-screen instructions to complete the operating system setup (e.g., Windows 11 Pro).

E C O L I T E E 2

High Capacity High Performance



 **16GB**

DDR4 2400MHz

 **512GB**

M.2 2280 NVMe PCIe 3.0

Figure 4.1: Example setup with the BOSGAME E2 Mini PC connected to multiple displays and peripherals.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **To Power On:** Press the power button once.
- **To Power Off:** Access the operating system's shutdown menu or press and hold the power button for 5 seconds.

5.2 Connecting to a Network

- **Wired Connection:** Connect an Ethernet cable to the RJ45 port. The system will automatically detect the connection.
- **Wireless Connection (Wi-Fi 5):**
 - a. Navigate to the network settings in your operating system.
 - b. Select your desired Wi-Fi network from the list.
 - c. Enter the network password if prompted.



Figure 5.1: Connecting an Ethernet cable to the Mini PC for a wired network connection.

5.3 Bluetooth Connectivity (BT 5.0)

To connect Bluetooth devices:

1. Ensure your Bluetooth device is in pairing mode.
2. Open Bluetooth settings in your operating system.

3. Select "Add Bluetooth or other device" and choose "Bluetooth".
4. Select your device from the list and follow any on-screen prompts to complete pairing.

5.4 Triple Display Setup

The BOSGAME E2 supports connecting up to three displays simultaneously for extended desktop or mirrored display modes.

- Connect displays using the two HDMI 2.0 ports and the USB-C port.
- Once connected, access your operating system's display settings to configure display arrangement, resolution, and orientation.

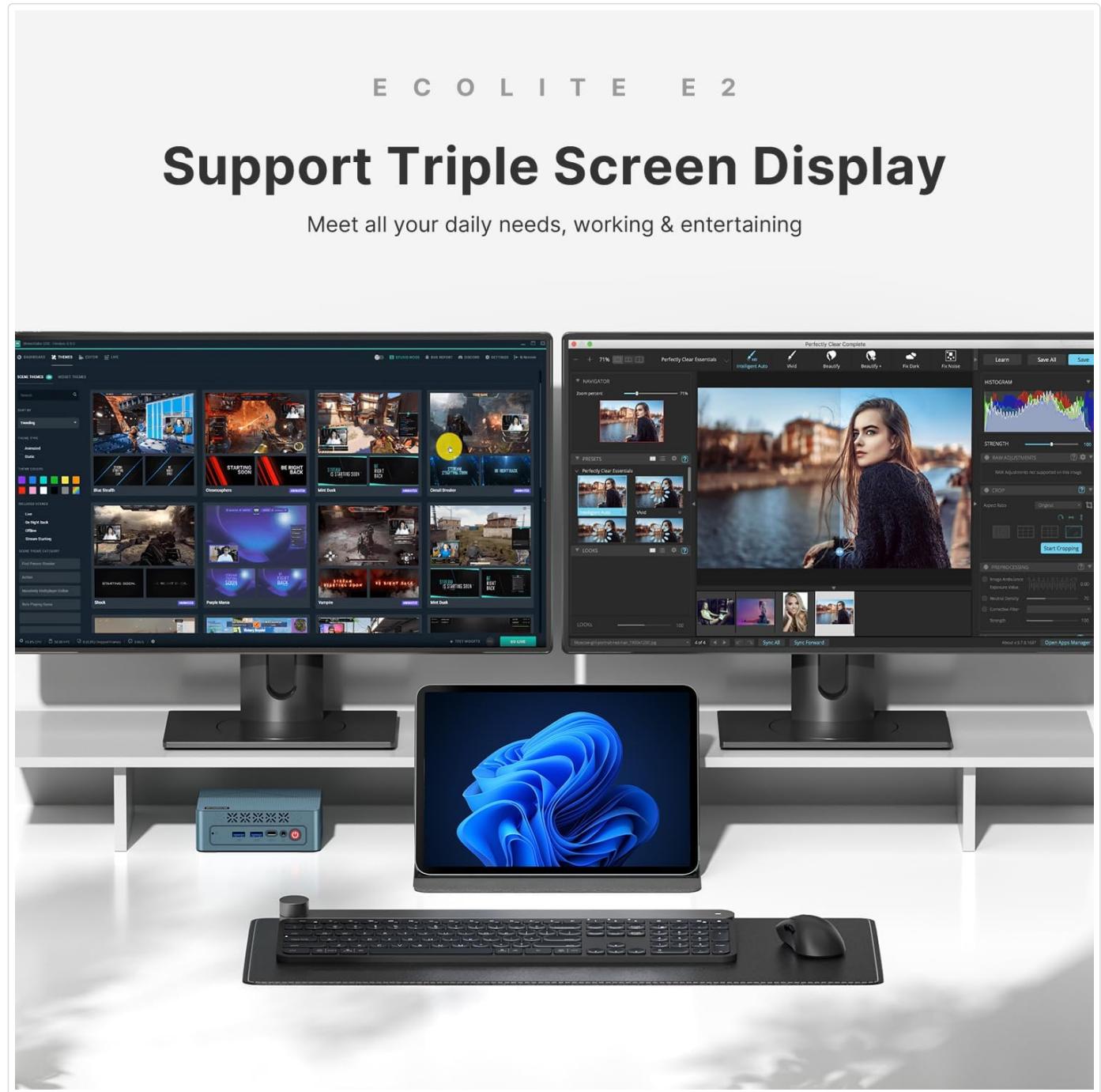


Figure 5.2: Triple display setup for enhanced productivity and entertainment.

6. MAINTENANCE

6.1 General Care

- Keep the Mini PC in a well-ventilated area to prevent overheating.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not place heavy objects on top of the Mini PC.

6.2 Cleaning

- Disconnect the power adapter before cleaning.
- Use a soft, dry cloth to wipe the exterior of the device.
- For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- Use compressed air to gently clear dust from ventilation openings.

E C O L I T E E 2

Wide variety of interface displays

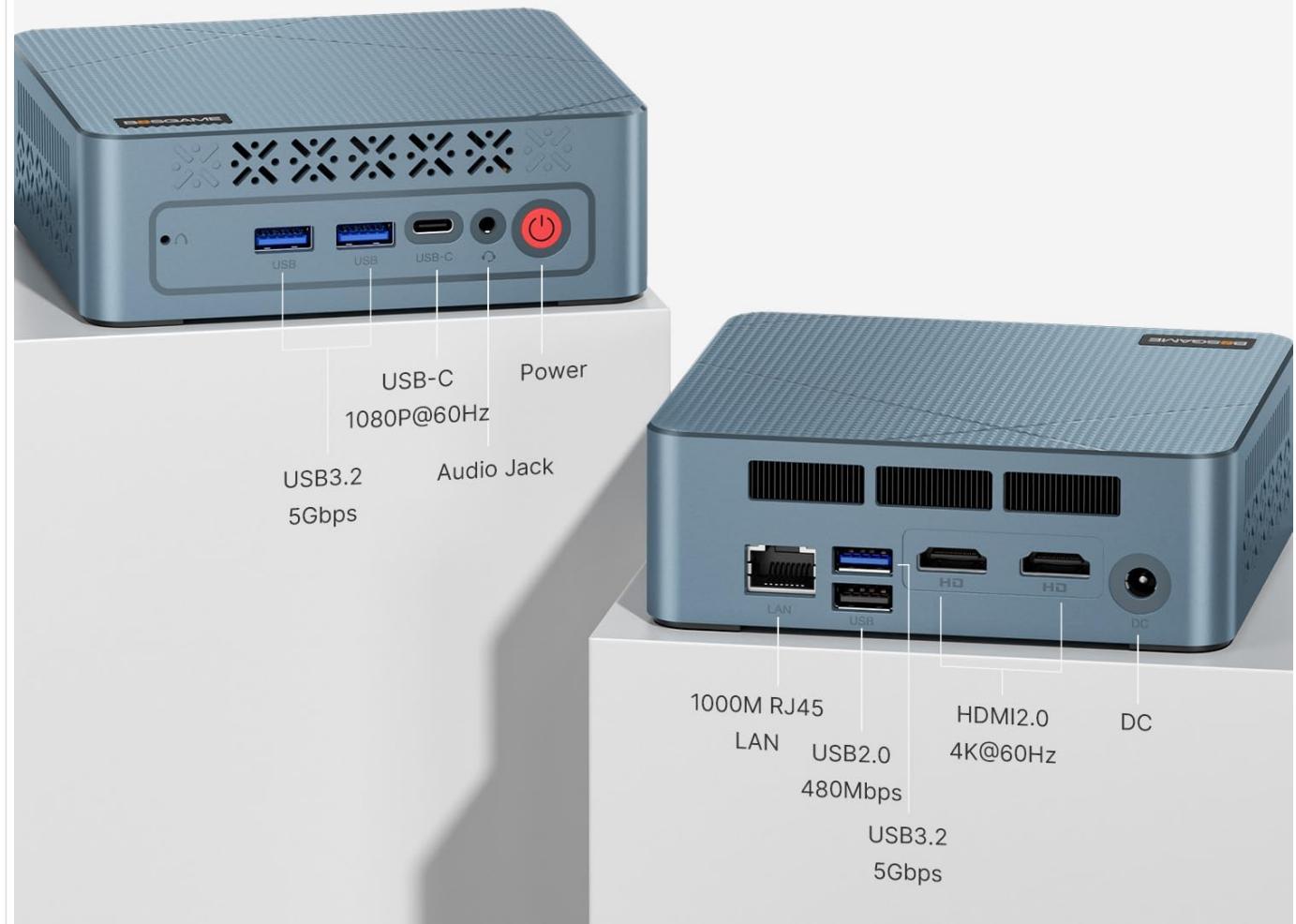


Figure 6.1: The internal cooling system of the Mini PC, featuring a cooling fan and heat conduits for efficient heat dissipation.

6.3 Storage Expansion

The BOSGAME E2 Mini PC supports M.2 2280 NVMe PCIe 3.0 SSDs for storage expansion and dual-channel DDR4 RAM for memory upgrades. Refer to the product specifications for maximum supported capacities. Consult a qualified

technician for internal component upgrades.



Figure 6.2: Internal components of the Mini PC, highlighting the M.2 SSD slot and DDR4 RAM modules.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty.	Ensure the power adapter is securely connected to the Mini PC and a working power outlet. Test with another outlet if possible.
No display output	Incorrect display cable connection or monitor input.	Check HDMI/USB-C cable connections. Ensure the monitor is set to the correct input source. Try a different cable or monitor.
No internet connection (wired)	Ethernet cable disconnected or network driver issue.	Verify the Ethernet cable is securely connected. Check network settings in the operating system. Reinstall or update network drivers if necessary.

Problem	Possible Cause	Solution
No internet connection (wireless)	Wi-Fi disabled or incorrect password.	Ensure Wi-Fi is enabled in the operating system. Verify the Wi-Fi password. Restart the router/modem.
Slow performance	Too many applications running or insufficient RAM/storage.	Close unnecessary applications. Check system resource usage. Consider upgrading RAM or SSD if performance issues persist.

If you encounter issues not listed here or require further assistance, please contact BOSGAME customer support.

8. SPECIFICATIONS

Feature	Detail
Processor	AMD Ryzen 5 3550H (4-core/8-thread, up to 3.7GHz)
Graphics	Integrated Radeon Vega 8 Graphics
RAM	16GB DDR4 DIMM (2400MHz)
Storage	512GB M.2 2280 NVMe PCIe 3.0 SSD
Display Output	2x HDMI 2.0 (4K@60Hz), 1x USB-C (1080P@60Hz) - Supports Triple Display
USB Ports	3x USB 3.2 Gen1, 1x USB 2.0, 1x USB-C
Network	RJ45 Gigabit Ethernet, Wi-Fi 5
Wireless	Bluetooth 5.0
Audio	1x Audio Jack
Operating System	Supports Windows/Ubuntu/Linux (Pre-installed with Windows 11 Pro)
Dimensions	6.57 x 6.5 x 4.1 inches (Package)
Weight	1.98 pounds (Item)

9. WARRANTY AND SUPPORT

BOSGAME provides comprehensive support for your E2 Mini PC.

- Warranty:** The product includes a 12-month service period.
- Technical Support:** Lifetime technical support is available.
- Contact Support:**
 - Email:** support@bosgamepc.com
 - Online:** Log in to Amazon, go to "Your Account" -> "Your orders" -> "Ask Product Question".



Figure 9.1: BOSGAME brand logo.

10. PRODUCT VIDEO OVERVIEW

Your browser does not support the video tag.

Video 10.1: An overview of the BOSGAME E2 Mini PC, showcasing its design, internal components, and various connectivity options. This video highlights the AMD Ryzen 5 3550H processor, M.2 NVMe SSD, DDR4 RAM, efficient heat dissipation system, Wi-Fi 5, RJ45 LAN, and triple display support.

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