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› BOSGAME E4 Mini PC Instruction Manual

BOSGAME E4

BOSGAME E4 Mini PC Instruction Manual

Model: E4 | Brand: BOSGAME

1. WELCOME

This manual provides essential information for setting up, operating, and maintaining your BOSGAME E4 Mini PC. The E4 Mini PC is a compact desktop computer powered by an AMD Ryzen 5 3550H processor, 16GB DDR4 RAM, and a 1TB PCIe SSD, designed for office, home, and streaming applications. Please read this manual thoroughly before using your device.

2. SETUP GUIDE

2.1 Package Contents

Verify that all items are present in the package:

- BOSGAME E4 Mini PC
- Power Adapter
- HDMI Cable
- VESA Mount with Screws
- User Manual

ACCESSORY SHOWCASE

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- ① E4 Mini PC
- ② Power adapter
- ③ HDMI cable
- ④ VESA mount with screws
- ⑤ User manual



Figure 2.1: Included Accessories for the BOSGAME E4 Mini PC.

2.2 Connecting Your Mini PC

Step 1: Connect Peripherals

Connect your keyboard, mouse, and monitor(s) to the appropriate ports on the Mini PC. The E4 supports up to three displays simultaneously.

Dual RJ45 LAN

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By combining the two ports, higher data transfer rates can be achieved while maintaining network stability and reliability.



Figure 2.2: Connecting external displays and peripherals.

Step 2: Power Connection

Connect the power adapter cable to the DC-in port on the rear of the Mini PC, then plug the adapter into a power outlet.

Step 3: Network Connection

For a stable wired internet connection, connect an Ethernet cable to one of the two RJ45 LAN ports on the back of the Mini PC. Alternatively, you can use the built-in Wi-Fi 5 for wireless connectivity.



Figure 2.3: Dual RJ45 LAN ports for network connection.

Step 4: Power On

Press the power button located on the front panel of the Mini PC to turn on the device. The power indicator light will illuminate.

3. OPERATING YOUR BOSGAME E4

3.1 Display Configuration

The BOSGAME E4 Mini PC supports triple display output, allowing you to connect up to three monitors simultaneously for enhanced productivity or immersive entertainment. Use the HDMI, DisplayPort, and USB-C ports for video output.



Figure 3.1: Triple screen display support.

3.2 Connectivity

USB Ports

The Mini PC is equipped with multiple USB ports, including USB 3.2 Gen2 for high-speed data transfer and USB 2.0 for standard peripherals. A USB-C port is also available, supporting 5Gbps data transmission and 1080P video output.

Wide variety of interface displays

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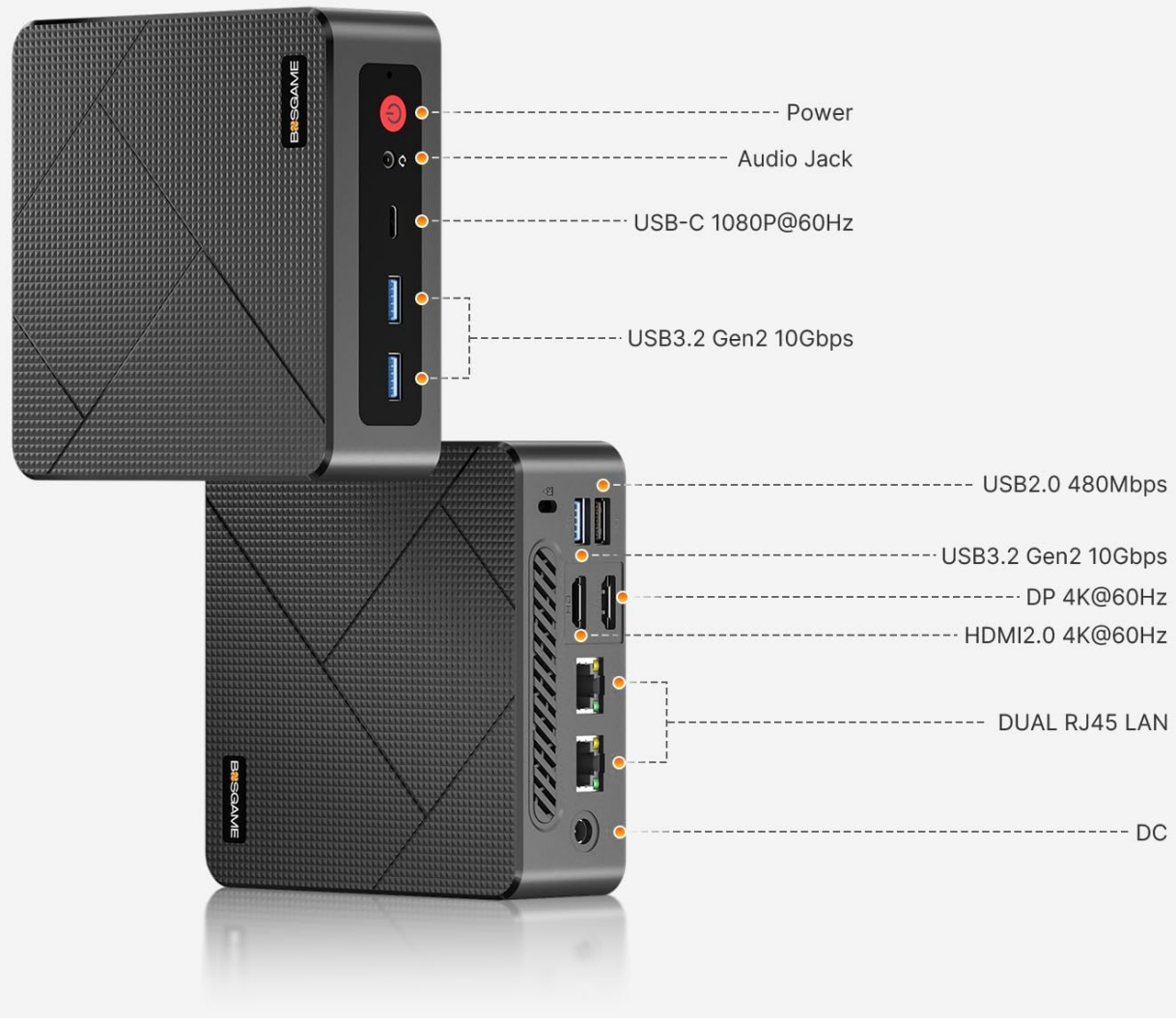


Figure 3.2: USB-C interface for data and video output.

Wireless Connectivity

The device features integrated Wi-Fi 5 (802.11ac) and Bluetooth 5.0, providing stable and high-speed wireless connections for networking and peripheral devices like keyboards, headphones, and speakers.

Video 3.1: Overview of BOSGAME E4 Mini PC features, including Wi-Fi 5 and Bluetooth 5.0 connectivity.

3.3 System Performance

The AMD Ryzen 5 3550H processor with integrated Radeon Vega 8 Graphics delivers reliable power for 4K video streaming and multitasking. The 16GB DDR4 RAM and 1TB PCIe SSD ensure quick application launches and efficient file transfers, making it suitable for office documents, media storage, and everyday computing.



Figure 3.3: Key specifications and features of the BOSGAME E4 Mini PC.

4. MAINTENANCE AND CARE

To ensure optimal performance and longevity of your BOSGAME E4 Mini PC, follow these guidelines:

- **Keep Clean:** Maintain a clean, dust-free environment for the Mini PC. Dust can accumulate in vents and affect cooling efficiency.
- **Ensure Ventilation:** Do not block the air vents on the device. Proper airflow is crucial for efficient heat dissipation.
- **Software Updates:** Regularly update your operating system, drivers, and applications to ensure system stability and security.
- **Proper Shutdown:** Always shut down the system properly through the operating system. Avoid forced shutdowns unless absolutely necessary.



Figure 4.1: Efficient heat dissipation system for stable operation.

5. TROUBLESHOOTING COMMON ISSUES

If you encounter issues with your BOSGAME E4 Mini PC, refer to the following troubleshooting tips:

5.1 No Power

- Check if the power adapter is securely connected to both the Mini PC's DC-in port and a functional power outlet.
- Ensure the power button has been pressed firmly.

5.2 No Display

- Verify that your monitor is powered on and the correct input source is selected.
- Ensure the video cable (HDMI, DisplayPort, or USB-C) is securely connected to both the Mini PC and the monitor.
- Try using a different video cable or connecting to another monitor to rule out cable or monitor issues.

5.3 Network Connectivity Issues

- **Wired Connection:** Check if the Ethernet cable is properly connected to both the Mini PC and your router/modem. Verify your router/modem is working correctly.
- **Wi-Fi Connection:** Ensure Wi-Fi is enabled in your operating system settings and you are connected to the correct network.

Restart your router/modem if necessary.

5.4 Slow Performance

- Close any unnecessary applications running in the background.
- Check for and install any pending operating system or driver updates.
- Ensure the Mini PC has adequate ventilation to prevent thermal throttling.

6. TECHNICAL SPECIFICATIONS

Detailed specifications for the BOSGAME E4 Mini PC:

Feature	Specification
Processor	AMD Ryzen 5 3550H (4 Cores/8 Threads, up to 3.7GHz)
Graphics	AMD Radeon Vega 8 Graphics
RAM	16GB DDR4 SODIMM (2400MHz)
Storage	1TB PCIe 3.0 X4 SSD (M.2 2280 NVMe)
Display Output	1x HDMI 2.0 (4K@60Hz), 1x DisplayPort (4K@60Hz), 1x USB-C (1080P@60Hz) - Triple Display Support
Network	Dual RJ45 Gigabit LAN, Wi-Fi 5 (802.11ac), Bluetooth 5.0
USB Ports	3x USB 3.2 Gen2, 1x USB 2.0, 1x USB-C
Operating System	Windows 11 (Compatible with Linux and Ubuntu)
Dimensions (LxWxH)	5 x 5 x 1.8 inches (128 x 127.1 x 42.8 mm)
Weight	2.14 pounds

7. WARRANTY AND CUSTOMER SUPPORT

BOSGAME provides reliable after-sales service for your E4 Mini PC to ensure your satisfaction.

- **Warranty:** Enjoy 1 year of professional factory support from the date of purchase.
- **Customer Service:** Access 24/7 online customer service for any inquiries or technical assistance.
- **Certifications:** The BOSGAME E4 Mini PC is FCC, ROHS, and CE certified, ensuring compliance with safety and quality standards.

For further assistance, please contact BOSGAME Official support through your purchase platform or the contact information provided in your product documentation.