BOSGAME E4

BOSGAME E4 Mini PC User Manual

Model: E4

INTRODUCTION

The BOSGAME E4 Mini PC is a compact and powerful desktop computer designed for a variety of tasks, from office productivity and home entertainment to 4K video streaming. Equipped with an AMD Ryzen 5 3550H processor, ample memory, and fast storage, it offers reliable performance in a small form factor. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your E4 Mini PC.

Product Overview

The BOSGAME E4 Mini PC, showcasing its compact design and various ports on the front and rear panels.

What's in the Box

Upon opening the package, please verify that all the following items are included:

- 1x E4 Mini PC
- 1x HDMI Cable
- 1x Power Adapter
- 1x User Guide
- 1x VESA Mount with Screws

ACCESSORY SHOWCASE + −

① E4 Mini PC

② Power adapter

③ HDMI cable

④ VESA mount with screws

⑤ User manual

An illustration of all components included in the BOSGAME E4 Mini PC package, including the mini PC, power adapter, HDMI cable, VESA mount, and user manual.

SETUP GUIDE

Initial Connection

Follow these steps to connect your Mini PC for the first time:

1. **Connect Display:** Use the provided HDMI cable to connect your monitor or TV to the HDMI port on the Mini PC. The E4 also supports DisplayPort and USB-C for video output.
2. **Connect Peripherals:** Plug in your USB keyboard and mouse into the available USB 3.2 or USB 2.0 ports.
3. **Connect Power:** Connect the power adapter to the DC-in port on the Mini PC, then plug the adapter into a power outlet.
4. **Network Connection (Optional):** For a wired connection, connect an Ethernet cable to one of the RJ45 LAN ports. For wireless, ensure your Wi-Fi network is available.

Power On

Press the power button located on the front panel of the Mini PC. The power indicator light will illuminate, and the system will begin to boot up.

OPERATING INSTRUCTIONS

Basic Operation

Once powered on, the Mini PC will load its operating system. You can then interact with it using your connected keyboard and mouse. To shut down the system, use the standard shutdown procedure within your operating system (e.g., Start Menu > Power > Shut down in Windows).

Display Configuration

The E4 Mini PC supports triple 4K display output, allowing you to connect up to three monitors simultaneously for enhanced productivity or immersive entertainment.

Support Triple Screen Display

Meet all your daily needs, working & entertaining
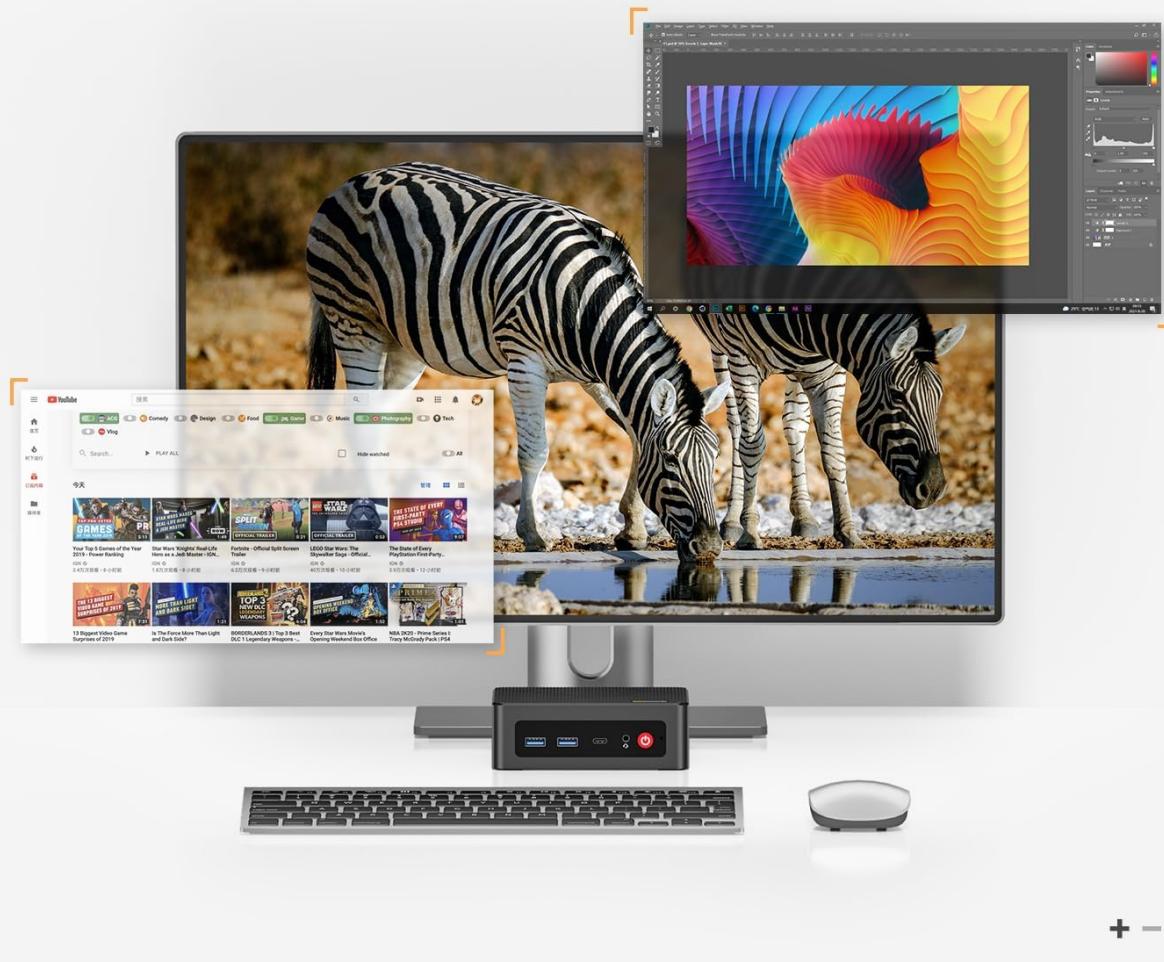
The BOSGAME E4 Mini PC connected to three external monitors, demonstrating its triple display capability for multitasking and expanded workspace.
You can configure display settings (resolution, orientation, extended/duplicate mode) within your operating system's display settings.

CONNECTIVITY

Port Overview

Wide variety of interface displays

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Power

Audio Jack

USB-C 1080P@60Hz

USB3.2 Gen2 10Gbps

USB2.0 480Mbps

USB3.2 Gen2 10Gbps

DP 4K@60Hz

HDMI2.0 4K@60Hz

DUAL RJ45 LAN

DC
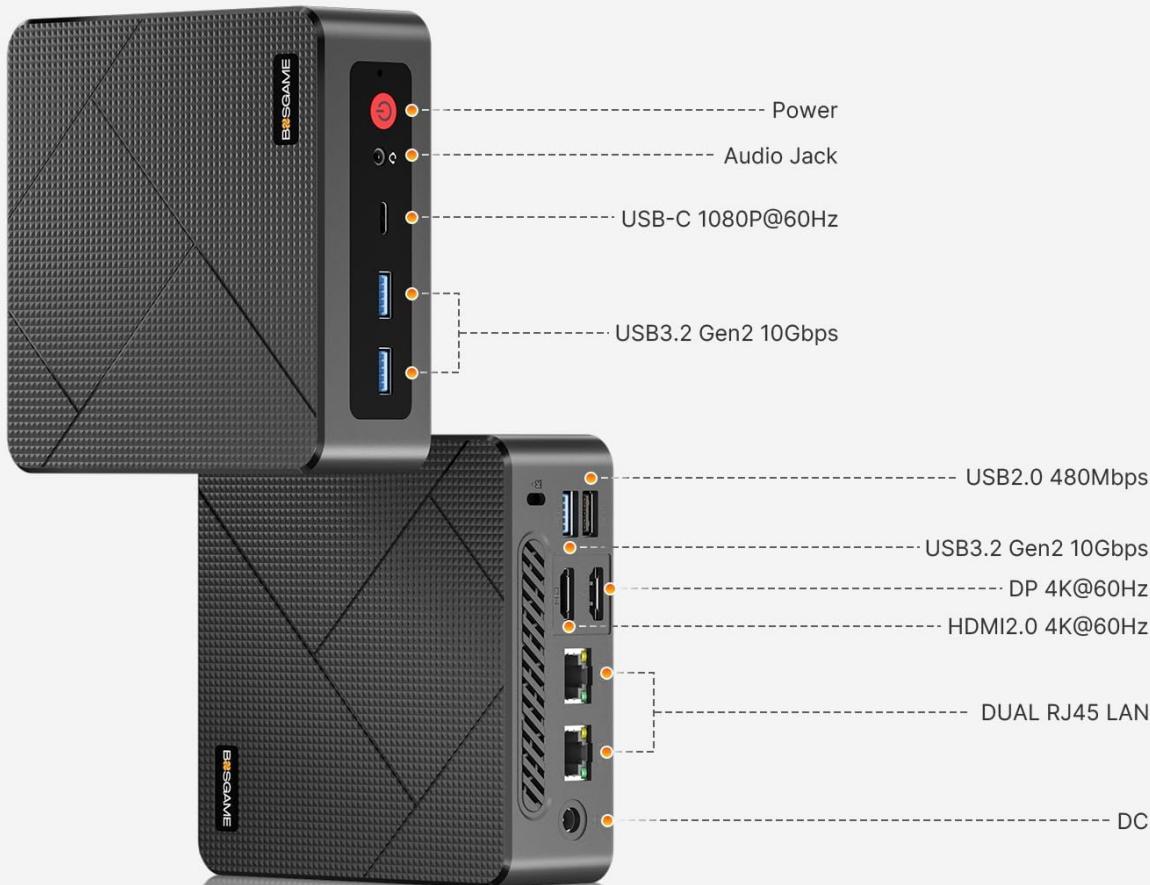
Detailed view of the BOSGAME E4 Mini PC's front and rear ports, including power, audio jack, USB-C, USB 3.2, USB 2.0, DisplayPort, HDMI, Dual RJ45 LAN, and DC input.

Wired Network (LAN)

The E4 Mini PC features dual Gigabit Ethernet (RJ45) ports, allowing for stable and high-speed wired network connections. These can be used for redundancy or to connect to different networks 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.

Close-up of the BOSGAME E4 Mini PC's dual RJ45 LAN ports with Ethernet cables connected, highlighting its robust wired networking capabilities.

Wireless Connectivity (Wi-Fi & Bluetooth)

The Mini PC is equipped with Wi-Fi 5 (802.11ac) for fast wireless internet access and Bluetooth 5.0 for connecting wireless peripherals such as keyboards, mice, headphones, and speakers.

USB-C INTERFACE

⇄ 5Gbps data transmission   ▢ Supports 1080P video output

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An illustrative diagram showing the BOSGAME E4 Mini PC providing powerful wireless connectivity (Wi-Fi 5 and Bluetooth 5.0) throughout a home environment.

PERFORMANCE AND FEATURES

Processor and Graphics

The BOSGAME E4 is powered by an AMD Ryzen 5 3550H processor (4 Cores/8 Threads, up to 3.7GHz) with integrated Radeon Vega 8 Graphics. This combination delivers robust performance for daily computing tasks, multimedia, and light gaming.

PRODUCT STRUCTURE DIAGRAM

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- Laser texture on top surface
- Plastic body
- Cooling bracket
- Heat sink
- CPU
- Motherboard
- M.2 2280 NVMe PCIe3.0 ×4 SSD
- SO-DIMM DDR4
- Metal base
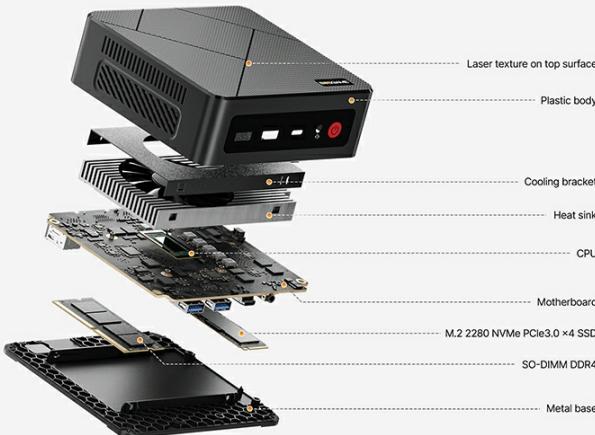
A graphic detailing the AMD Ryzen 5 3550H processor, its integrated Radeon Vega 8 Graphics, memory, storage, display support, and connectivity features.

Memory and Storage

The Mini PC comes with 16GB of DDR4 RAM and a 512GB PCIe 3.0 SSD. This configuration ensures quick application loading, smooth multitasking, and rapid file transfers.

High Capacity High Performance

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16GB
DDR4 2400MHz

512GB
M.2 2280 NVMe PCIe 3.0

An image illustrating the 16GB DDR4 RAM and 512GB M.2 NVMe PCIe 3.0 SSD, emphasizing high capacity and performance.

Internal Structure and Heat Dissipation

The E4 Mini PC is designed with an efficient cooling system, including a cooling fan and heat sink fins, to ensure stable and quiet operation even under load.

Product Structure Diagram

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Laser texture on top surface

Plastic body

Cooling bracket

Heat sink

CPU

Motherboard

M.2 2280 NVMe PCIe3.0 ×4 SSD

SO-DIMM DDR4

Metal base
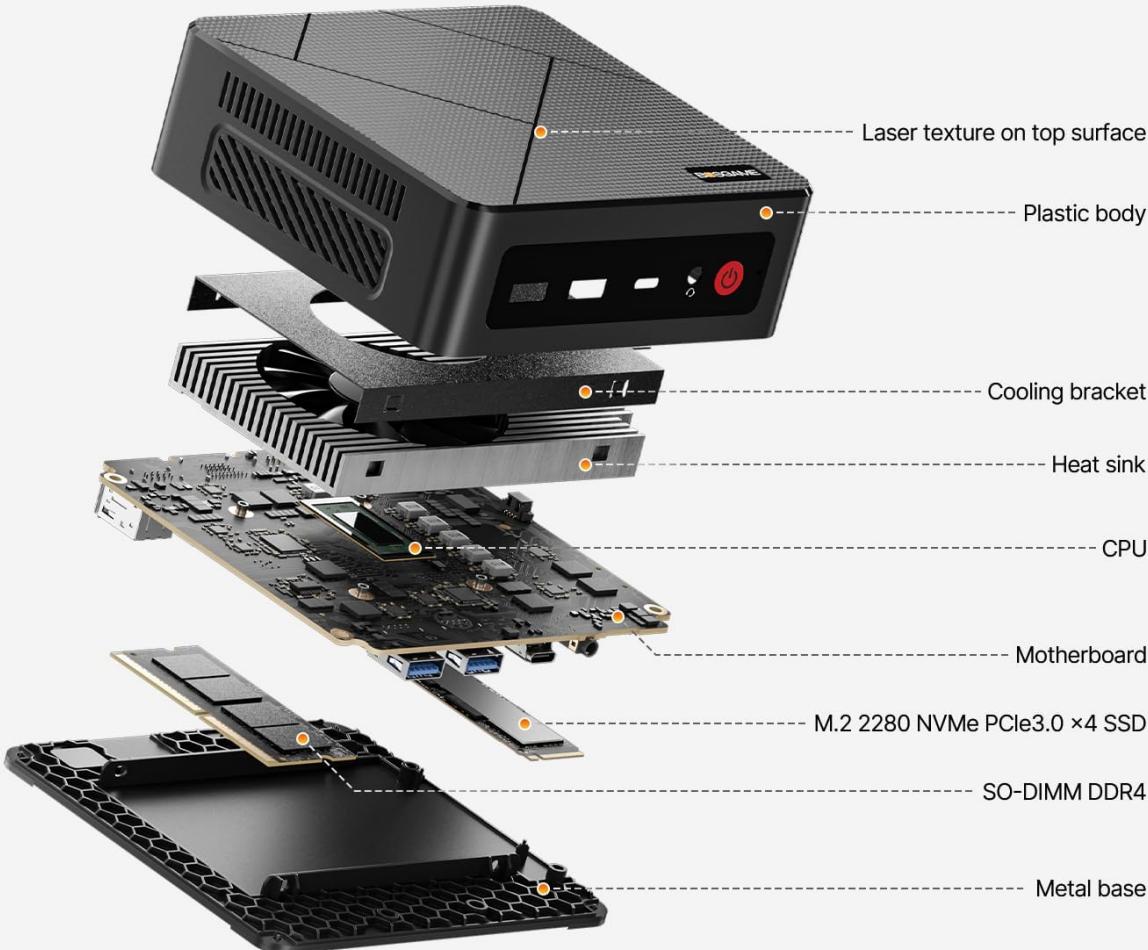
An exploded view diagram showing the internal components of the BOSGAME E4 Mini PC, including the plastic body, cooling bracket, heat sink, CPU, motherboard, SSD, and SO-DIMM DDR4.

ACCESSORY SHOWCASE

① E4 Mini PC

② Power adapter

③ HDMI cable

④ VESA mount with screws

⑤ User manual

Instruction manual

Ecolite Series

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A visual representation highlighting the cooling fan and heat sink fins, demonstrating the highly efficient heat dissipation system of

the Mini PC.

Installation (VESA Mount)

The BOSGAME E4 Mini PC can be easily mounted to the back of a VESA-compatible monitor or TV, saving desk space and creating a cleaner setup.

An image demonstrating the easy installation process of the BOSGAME E4 Mini PC using the included VESA mount, showing it attached to the back of a monitor.

1. **Attach Bracket to Mini PC:** Fix the VESA mount bracket to the Mini PC using the provided screws.
2. **Attach to Display:** Fix the bracket with the attached Mini PC to the VESA mounting holes on the back of your display using screws.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Mini PC:

- **Cleaning:** Periodically clean the exterior of the Mini PC with a soft, dry cloth. Use compressed air to gently clear dust from ventilation openings to prevent overheating. Ensure the device is powered off and unplugged before cleaning.
- **Software Updates:** Keep your operating system and drivers updated to the latest versions to ensure security, stability, and performance.
- **Storage Management:** Regularly free up disk space by deleting unnecessary files and uninstalling unused programs.
- **Environmental Conditions:** Operate the Mini PC in a well-ventilated area, away from direct sunlight, excessive heat, humidity, or dust.

TROUBLESHOOTING

If you encounter issues with your BOSGAME E4 Mini PC, refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
No display on monitor	Loose cable connection, incorrect input source, monitor off	Check HDMI/DP/USB-C cable connections. Ensure monitor is on and set to correct input. Try a different cable or monitor.
Mini PC does not power on	Power adapter not connected, faulty power outlet	Ensure power adapter is securely connected to both the PC and a working power outlet. Try a different outlet.
No internet connection (wired)	Ethernet cable loose, router issue, driver issue	Check Ethernet cable connection. Restart router/modem. Check network adapter drivers in OS.
No internet connection (wireless)	Wi-Fi disabled, incorrect password, signal interference	Ensure Wi-Fi is enabled in OS. Re-enter Wi-Fi password. Move closer to router or reduce interference.
System runs slowly	Too many applications open, low disk space, overheating	Close unnecessary applications. Free up disk space. Ensure proper ventilation and clean dust from vents.

TECHNICAL SPECIFICATIONS

Detailed specifications for the BOSGAME E4 Mini PC:

Feature	Specification
Processor	AMD Ryzen 5 3550H (4C/8T, 2.1 GHz base, up to 3.7 GHz boost)

Feature	Specification
Graphics	Integrated Radeon Vega 8 Graphics (1200MHz)
RAM	16GB DDR4 (SODIMM, 3200 MHz)
Storage	512GB M.2 2280 NVME PCIe 3.0 SSD
Display Output	HDMI 2.0 (4K@60Hz), DisplayPort (4K@60Hz), USB-C (1080P@60Hz) - Triple Display Support
USB Ports	3x USB 3.2 Gen2, 1x USB 2.0, 1x USB-C
Network	Dual RJ45 Gigabit LAN, Wi-Fi 5 (802.11ac), Bluetooth 5.0
Audio	Audio Jack
Operating System	11OS (Pre-installed)
Dimensions	5.1 x 5 x 1.8 inches (128 x 127.1 x 42.8 mm)
Weight	1.19 pounds

WARRANTY AND SUPPORT

BOSGAME is committed to providing excellent after-sales service for your E4 Mini PC.

- **Lifetime After-Sales Service:** We offer free and reliable lifetime after-sales support.
- **Certifications:** The BOSGAME Mini PC has FCC, ROHS, and CE certifications, ensuring compliance with safety and environmental standards.
- **Professional Support:** We provide 1 year of professional factory support.
- **Customer Service:** Our 24/7 online customer service is available to assist you with any inquiries or issues.

For further assistance, please refer to the contact information provided in your user guide or visit the official BOSGAME website.