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BOSGAME E2

BOSGAME E2 Mini PC User Manual

Model: E2 with AMD Ryzen 5 3550H, 16GB RAM, 512GB NVMe SSD

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your BOSGAME E2 Mini PC. The BOSGAME E2 is a compact desktop computer featuring an AMD Ryzen 5 3550H processor, 16GB DDR4 RAM, and a 512GB NVMe SSD, designed for business, office, and school applications. It supports triple display output and offers robust connectivity options.

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Video: Introduction to the BOSGAME Ryzen 5 Mini PC E2. This video provides a visual overview of the product's features and design.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x BOSGAME Mini PC E2
- 1x HDMI Cable
- 1x Wall Mount (Vesa mount with screws)
- 1x User Manual
- 1x Power Adapter (DC 19V/3.42A, AC 100~240V, 50/60Hz)

E C O L I T E E 2

ACCESSORY SHOWCASE

E2 Mini PC

Power adapter

VESA mount with screws

HDMI cable

User manual



Image: Contents of the BOSGAME E2 Mini PC package, showing the mini PC, HDMI cable, power adapter, and VESA mount.

3. PRODUCT OVERVIEW

3.1 Front Panel

AMD Ryzen 5 3550H

4Cores 8Threads,

Max. Boost Clock Up to 3.7GHz



AMD Radeon Vega 8

Graphics Frequency: 1200 MHz



M.2 NVMe 2280
PCIe 3.0 SSD



Dual DDR4
2400MHz



Wi-Fi 5



Bluetooth 5.0



1000M RJ45 LAN



Support Triple Screen Display

HDMI2.0 *2 (4K@60Hz)+USB-C *1 (1080P@60Hz)

Image: Front panel of the BOSGAME E2 Mini PC, highlighting the USB 3.2 ports, USB-C port, audio jack, and power button.

- **Power Button:** Press to power on/off the device.
- **USB 3.2 Ports (x2):** For connecting USB devices with 5Gbps data transfer.
- **USB-C Port:** Supports 1080P@60Hz video output and 10Gbps data transmission.
- **Audio Jack:** For connecting headphones or speakers.

3.2 Rear Panel

AMD RYZEN 5 3550H

4 C 8 T

4MB L3 Cache

3.70 GHz

Max. Boost Clock

25 W

TDP

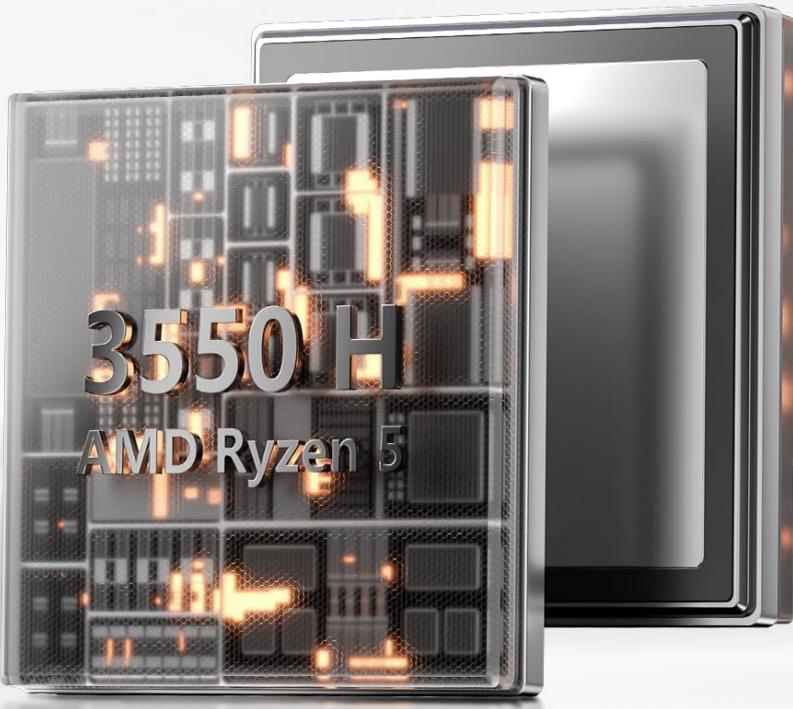


Image: Rear panel of the BOSGAME E2 Mini PC, showing the Gigabit LAN ports, dual HDMI 2.0 ports, USB 3.2 ports, USB 2.0 port, and DC power input.

- Gigabit LAN (x2):** RJ45 ports for wired network connection (1000Mbps).
- HDMI 2.0 Ports (x2):** Supports 4K@60Hz video output.
- USB 3.2 Ports (x1):** For connecting USB devices with 5Gbps data transfer.
- USB 2.0 Port (x1):** For connecting USB devices.
- DC Power Input:** Connect the provided power adapter here.

4. SETUP INSTRUCTIONS

4.1 Initial Connection

1. Connect your monitor(s) to the HDMI or USB-C ports using appropriate cables.
2. Connect a keyboard and mouse to the USB ports.
3. For wired internet, connect an Ethernet cable to one of the LAN ports. For wireless, ensure Wi-Fi is enabled during

OS setup.

4. Connect the power adapter to the DC input port on the mini PC, then plug it into a power outlet.
5. Press the power button on the front panel to turn on the mini PC.

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Video: Guide on how to set up the Windows system. This video demonstrates the initial setup process for the operating system.

4.2 Operating System Setup

Upon first boot, the mini PC will guide you through the operating system (Windows 11/10, Linux, or Ubuntu) setup process. Follow the on-screen prompts to configure language, region, network, and user accounts.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on, press the power button.
- To power off, use the operating system's shutdown function or press and hold the power button for 5 seconds.

5.2 Display Configuration

The BOSGAME E2 supports up to three displays simultaneously via two HDMI 2.0 ports and one USB-C port. Ensure your monitors are connected and configured through your operating system's display settings.

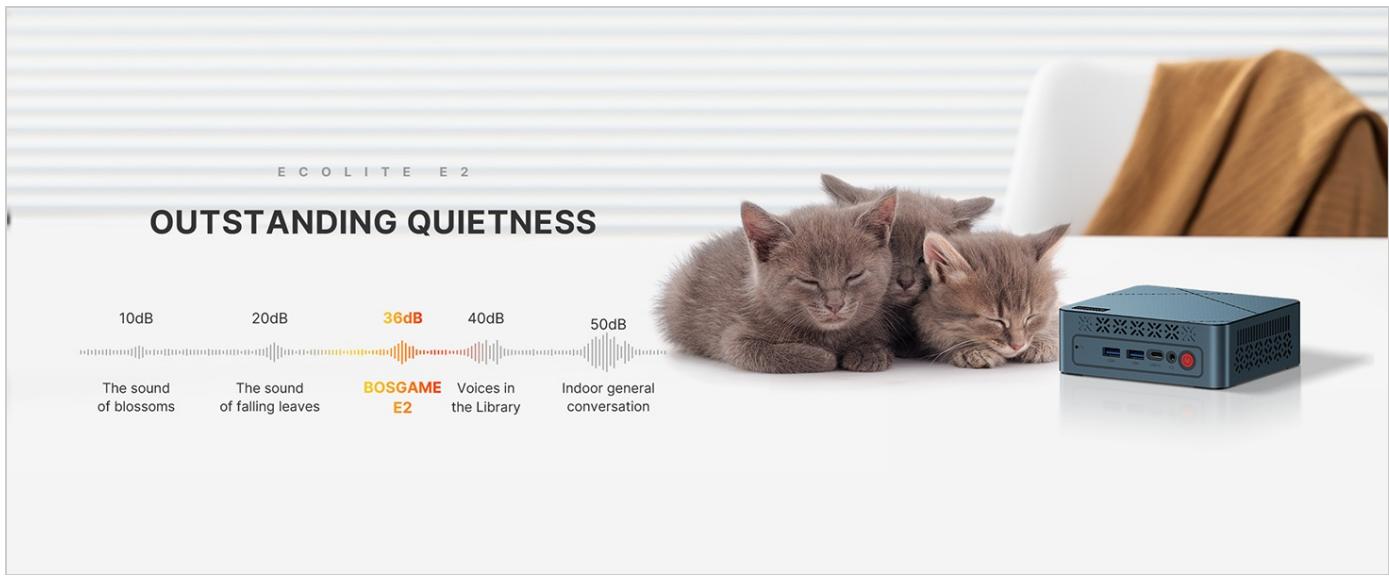


Image: A visual representation of the BOSGAME E2 Mini PC supporting a triple screen display setup for enhanced productivity.

5.3 Network and Bluetooth

- **Wi-Fi:** The device supports Dual-Band Wi-Fi 5 (802.11ac). Connect to your preferred wireless network through the operating system settings.
- **Ethernet:** For a stable wired connection, plug an Ethernet cable into one of the 1000M RJ45 LAN ports.
- **Bluetooth:** Bluetooth 5.0 is integrated for connecting wireless peripherals like keyboards, mice, and headphones. Pair devices via the operating system's Bluetooth settings.

5.4 Wake On LAN and Auto Power On

The BOSGAME E2 supports Wake On LAN (WOL) and Auto Power On features, which can be configured in the BIOS settings. These features allow you to remotely power on the device or set it to power on automatically at a scheduled time.

Your browser does not support the video tag.

Video: Demonstrates how to enable Wake On LAN in the BIOS settings. This feature allows the mini PC to be powered on remotely via a network signal.

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Video: Shows how to enable Auto Power On in the BIOS settings. This feature allows the mini PC to automatically power on at a set time.

6. SPECIFICATIONS

Feature	Detail
Processor	AMD Ryzen 5 3550H (4 Cores, 8 Threads, up to 3.7 GHz Turbo)
Graphics	AMD Radeon Vega 8 Graphics (1200 MHz)
RAM	16GB DDR4 SO-DIMM (2400MHz, Dual-Channel, expandable to 32GB)
Storage	512GB M.2 NVMe PCIe 3.0 X4 SSD (expandable)
Operating System	Supports Windows 11/10, Linux, Ubuntu
Video Output	2x HDMI 2.0 (4K@60Hz), 1x USB-C (1080P@60Hz) - Triple Display Support
Wireless Connectivity	Wi-Fi 5 (802.11ac Dual-Band 2.4GHz/5GHz), Bluetooth 5.0
Wired Connectivity	2x 1000M RJ45 Gigabit Ethernet LAN
USB Ports	3x USB 3.2 (5Gbps), 1x USB 2.0
Audio	1x 3.5mm Audio Jack
Dimensions	Approx. 4.5 x 4.5 x 2 inches (11.4 x 11.4 x 5.1 cm)
Weight	Approx. 2.05 pounds (0.93 kg)

7. MAINTENANCE

7.1 Cleaning

Regularly clean the exterior of the mini PC with a soft, dry cloth. Use compressed air to clear dust from ventilation grilles to ensure optimal airflow and prevent overheating. Do not use liquid cleaners directly on the device.

 802.11ac <p>Compared to its predecessor, WiFi 5 offers higher data rates, better signal coverage, and greater immunity to interference.</p>	 Wake on LAN Auto power on <p>Setup your computer to auto power on. (For more details, log on https://www.bosgamepc.com/)</p>	 Triple Screen Display <p>Supports three different screen displays and 4K resolution of 4096x2160, four times the resolution of 1920x1080 HD, for more detailed and lifelike images.</p>	 1000M RJ45 LAN <p>The main advantages of Gigabit Ethernet ports are speed, stability and relatively low cost, with widely available devices and network cables.</p>	 Wall Mount <p>Wall mounting allows the computer to be mounted on the back of the monitor as well as on the wall or under the table, freeing up more space.</p>
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Image: Illustration of the BOSGAME E2's efficient cooling system and low noise operation, crucial for long-term performance.

7.2 Storage and Memory Expansion

The BOSGAME E2 allows for expansion of its M.2 NVMe SSD and DDR4 RAM. Refer to the detailed instructions in the included user manual for safe installation procedures. Ensure the device is powered off and unplugged before performing any internal upgrades.

8. TROUBLESHOOTING

• 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 that display cables (HDMI, USB-C) are securely connected to both the mini PC and the monitor.
- Ensure the monitor is powered on and set to the correct input source.
- Try connecting to a different display port or monitor to isolate the issue.

• No Internet Connection:

- For wired connection, check the Ethernet cable and router/modem status.
- For Wi-Fi, ensure Wi-Fi is enabled in the operating system and you are connected to the correct network with the correct password.

• Slow Performance:

- Close unnecessary applications running in the background.
- Check for available operating system updates.
- Ensure adequate ventilation to prevent thermal throttling.

For further technical assistance, please contact BOSGAME customer support.

9. WARRANTY AND SUPPORT

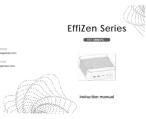
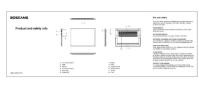
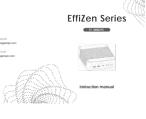
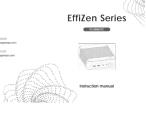
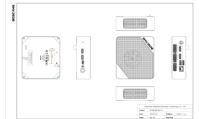
BOSGAME offers a **1-Year Full Warranty** on all PCs from the date of purchase. Additionally, **Lifetime Technical**

Support is provided for your BOSGAME E2 Mini PC. If you encounter any issues or require assistance, please contact the seller or BOSGAME customer support for prompt technical support.

Contact information for support can typically be found on the official BOSGAME website or through your purchase platform.

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Related Documents - E2

	<p><u>Bosgame EffiZen Series AS1 Mini PC Instruction Manual</u></p> <p>Official instruction manual for the Bosgame EffiZen Series AS1 Mini PC, detailing setup, hardware installation (SSD, RAM), VESA mounting, usage guidelines, and support resources.</p>
	<p><u>BOSGAME MGI i5 12500H PRO Product and Safety Information</u></p> <p>Comprehensive product and safety information for the BOSGAME MGI i5 12500H PRO mini PC, including setup, connectivity, safety guidelines, and FCC compliance details.</p>
	<p><u>BOSGAME H66/H68/H77 Mini PC User Manual and Technical Specifications</u></p> <p>Official user manual for BOSGAME H66, H68, and H77 mini PCs, detailing technical specifications, safety precautions, connection steps, warranty, and FCC compliance.</p>
	<p><u>Bosgame EffiZen Series C1 Mini PC Instruction Manual</u></p> <p>Comprehensive instruction manual for the Bosgame EffiZen Series C1 Mini PC, covering setup, usage, maintenance, and support.</p>
	<p><u>EffiZen Series P2 Mini PC Instruction Manual - Bosgame</u></p> <p>Official instruction manual for the Bosgame EffiZen Series P2 Mini PC. Learn about setup, usage, maintenance, compliance, and warranty information.</p>
	<p><u>BOSGAME PTX20 Mini PC Technical Specifications and Overview</u></p> <p>Detailed technical specifications, dimensions, and operational notes for the BOSGAME PTX20 Mini PC manufactured by Shenzhen Weikesen Electronic Technology Co., Ltd.</p>