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## BOSGAME E4

# BOSGAME E4 Mini PC User Manual

Model: E4

## 1. INTRODUCTION

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Thank you for choosing the BOSGAME E4 Mini PC. This compact desktop computer is designed for efficiency and versatility, powered by an AMD Ryzen 5 3550H processor, 16GB DDR4 RAM, and a 1TB NVMe SSD. It supports triple display output and offers robust connectivity options, making it ideal for business, office, and home use. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Image: Front view of the BOSGAME E4 Mini PC, showcasing its compact design and front ports.

## 2. PRODUCT OVERVIEW

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### Key Features:

- **High-Performance Processor:** Equipped with an AMD Ryzen 5 3550H processor (4 cores, 8 threads, up to 3.7GHz) and integrated Radeon Vega 8 Graphics (1200MHz max) for smooth 4K video playback and multitasking.
- **Dual Gigabit LAN:** Features two RJ45 Ethernet ports, providing up to 2Gbps total bandwidth for stable and high-speed wired network connections, suitable for server applications.
- **Ample Memory & Storage:** Comes with 16GB DDR4 SO-DIMM RAM (expandable to 32GB) and a 1TB M.2 NVMe PCIe 3.0 X4 SSD for fast boot times and efficient application handling.
- **Triple Display Support:** Connect up to three displays simultaneously via 1x USB-C, 1x HDMI 2.0, and 1x DisplayPort, all supporting 4K resolution at 60Hz for enhanced productivity.
- **Flexible Operating System:** Supports Windows 11 Pro (pre-installed), Linux, and Ubuntu, allowing users to choose their preferred environment.
- **Wireless Connectivity:** Integrated Wi-Fi 5 (802.11ac) and Bluetooth 5.0 for convenient wireless connections.

### Ports and Interfaces:

The BOSGAME E4 Mini PC offers a comprehensive set of ports for various peripherals and display connections.

# High Capacity High Performance

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 **16GB**

DDR4 2400MHz

 **1TB**

M.2 2280 NVMe PCIe 3.0

Image: Diagram illustrating the front and rear ports of the BOSGAME E4 Mini PC, including USB, HDMI, DisplayPort, USB-C, and LAN ports.

## • Front Ports:

- 1x Power Button
- 1x Audio Jack
- 1x USB-C (1080P@60Hz video output, 5Gbps data transfer)
- 2x USB 3.2 Gen2 (10Gbps)

## • Rear Ports:

- 1x DC Power Input
- 2x RJ45 Gigabit LAN Ports
- 1x HDMI 2.0 (4K@60Hz)
- 1x DisplayPort (4K@60Hz)
- 2x USB 3.0
- 1x USB 2.0

- 1x Kensington Lock Slot
- **Wireless:** Wi-Fi 5 (802.11ac), Bluetooth 5.0

### 3. WHAT'S IN THE BOX

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Upon opening the package, please ensure all the following items are present:



Image: Contents of the BOSGAME E4 Mini PC package, including the PC unit, power adapter, HDMI cable, VESA mount, and user manual.

- 1 x BOSGAME E4 Mini PC
- 1 x Power Adapter
- 1 x HDMI Cable
- 1 x VESA Mount & Screws (Mounting Bracket)
- 1 x User Guide

### 4. SETUP INSTRUCTIONS

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#### 4.1 Connecting Peripherals

1. **Connect Display:** Connect your monitor(s) to the Mini PC using the HDMI, DisplayPort, or USB-C ports. The Mini PC supports up to three displays simultaneously.
2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into the available USB ports on the Mini PC.
3. **Connect Power:** Connect the power adapter to the DC input port on the Mini PC, then plug the adapter into a power outlet.
4. **Connect Network (Optional):** For a wired connection, connect an Ethernet cable from your router or modem to one of the RJ45 LAN ports. For wireless, ensure your Wi-Fi network is available during setup.

#### 4.2 Initial Boot and Windows 11 Pro Setup

After connecting all peripherals, press the power button on the front of the Mini PC. The system will boot up, and if it's the first time, it will guide you through the Windows 11 Pro setup process.

1. **Language and Region:** Select your preferred language, country or region, and keyboard layout.
2. **Network Connection:** Connect to your Wi-Fi network or ensure your wired Ethernet connection is active. If you wish to proceed with a limited setup without internet, select the appropriate option.
3. **License Agreement:** Review and accept the Microsoft Software License Terms.
4. **User Account:** Create a user name and password for your device.
5. **Privacy Settings:** Configure your privacy settings according to your preferences.
6. **Completion:** The system will finalize the setup, which may take a few minutes. Do not turn off the PC during this process.

Your browser does not support the video tag.

Video: A step-by-step guide on the initial user setup process for Windows 11 Pro on the BOSGAME E4 Mini PC.

#### 4.3 VESA Mount Installation (Optional)

The included VESA mount allows you to attach the Mini PC to the back of a compatible monitor or to a wall, saving desk space.

# EASY INSTALLATION

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Bosgame E4



Wall-Mounted bracket



1. Fix bracket on MINI PC with screws.
2. Fix the bracket on the back of display with screws.

Image: Diagram showing the easy installation steps for mounting the BOSGAME E4 Mini PC using the VESA bracket and screws.

1. Fix the VESA bracket to the Mini PC with the provided screws.
2. Fix the bracket to the back of your display or desired surface with screws.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off

- **Power On:** Press the red power button on the front of the Mini PC.
- **Power Off:** From the operating system, select "Shut down" or "Restart." Alternatively, press and hold the power button for a few seconds to force a shutdown (not recommended for regular use).

### 5.2 Display Configuration

The BOSGAME E4 supports connecting up to three independent displays. Once connected, you can configure display settings within your operating system (e.g., Windows Display Settings) to extend, duplicate, or use only one screen.

## SUPPORT TRIPLE SCREEN DISPLAY

Meet all your daily needs, working & entertaining



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Image: A BOSGAME E4 Mini PC connected to three monitors, demonstrating its triple display capability for enhanced productivity.

### 5.3 Network Connectivity

- **Wired Connection:** Plug an Ethernet cable into either of the two RJ45 LAN ports for a stable and high-speed internet connection.

- **Wireless Connection:** Enable Wi-Fi in your operating system settings and connect to your desired wireless network.

Your browser does not support the video tag.

Video: An overview of the BOSGAME E4 Mini PC, highlighting its features including the AMD Ryzen 5 3550H processor and dual LAN ports, suitable for office use.

## 6. MAINTENANCE

### 6.1 Cleaning

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

### 6.2 Storage and RAM Upgrades

The BOSGAME E4 Mini PC allows for storage and RAM upgrades to enhance performance or capacity.



Image: Close-up of the DDR4 SO-DIMM RAM and M.2 NVMe SSD components, illustrating the internal hardware of the BOSGAME E4 Mini PC.

- **SSD Upgrade:** The device supports an expandable M.2 2280 NVMe PCIe 3.0 SSD up to 2TB.
- **RAM Upgrade:** The Mini PC features dual-channel RAM support and can be upgraded to a maximum of 32GB DDR4 SO-DIMM (2400MHz).
- *Note:* Always power off the device and disconnect the power adapter before performing any internal upgrades. Refer to the detailed instructions in the included User Guide for safe installation.

## 7. TROUBLESHOOTING

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

- **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 the display cable (HDMI, DisplayPort, or USB-C) is 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 or using a different cable to rule out display or cable issues.

- **Network Connectivity Issues:**

- For wired connections, check the Ethernet cable and ensure your router/modem is working correctly.
- For wireless connections, verify that Wi-Fi is enabled and you are connected to the correct network with the right password.
- Restart your router/modem and the Mini PC.

- **System Slowdown:**

- Close unnecessary applications running in the background.
- Check for available operating system updates and install them.
- Ensure there is sufficient free space on your SSD.
- Consider upgrading RAM if you frequently run memory-intensive applications.

For further assistance, please contact BOSGAME customer support.

## 8. SPECIFICATIONS

Component	Detail
Processor	AMD Ryzen 5 3550H (4 Cores, 8 Threads, up to 3.7 GHz, 4MB Cache)
Graphics	Integrated Radeon Vega 8 Graphics
RAM	16GB DDR4 SO-DIMM (2400 MHz), expandable to 32GB
Storage	1TB M.2 NVMe PCIe 3.0 SSD, expandable up to 2TB
Max Screen Resolution	3840 x 2160 (4K)
Video Output	1x HDMI 2.0, 1x DisplayPort, 1x USB-C (all 4K@60Hz)
USB Ports	2x USB 3.2 Gen2 (front), 2x USB 3.0 (rear), 1x USB 2.0 (rear), 1x USB-C (front)
Network	Dual RJ45 Gigabit LAN, Wi-Fi 5 (802.11ac), Bluetooth 5.0
Operating System	Windows 11 Pro (pre-installed), supports Linux/Ubuntu
Dimensions (L x W x H)	128 x 127.1 x 42.8 mm
Item Weight	2.18 pounds

## 9. WARRANTY AND SUPPORT

The BOSGAME E4 Mini PC comes with a **1-year limited warranty** covering defects in design and workmanship. For any product-related inquiries, technical support, or warranty claims, please contact BOSGAME customer support. You may also visit the official BOSGAME website for updated drivers, FAQs, and additional support resources.

**Contact Information:** Please refer to the contact details provided on the BOSGAME official website or in your purchase documentation.

