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BOSGAME P2

BOSGAME P2 Mini PC User Manual

Model: P2

1. Introduction

Thank you for choosing the BOSGAME P2 Mini PC. This compact yet powerful desktop computer is designed for a wide range of applications, from office work and multimedia consumption to light gaming and professional tasks. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance and longevity.



Image: The BOSGAME P2 Mini PC, a compact desktop computer with a sleek design.

2. Setup Guide

2.1 Unboxing and Initial Inspection

Carefully unpack all components from the box. Ensure all items listed below are present and undamaged.

- 1x Intel i5 12450H Mini PC
- 1x HDMI Cable
- 1x Power Adapter
- 1x User Guide
- 1x VESA Mount with Screws



Image: All accessories included with the BOSGAME P2 Mini PC, including the power adapter, HDMI cable, user manual, and VESA mount.

2.2 Connecting Your Mini PC

1. **Connect to Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. The device also supports DisplayPort (DP) and USB-C for video output, allowing for a triple display setup.
2. **Connect Peripherals:** Plug in your USB keyboard and mouse into the available USB 3.2 ports.

3. **Connect to 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 internet connection, connect an Ethernet cable to one of the two 2.5 Gigabit Ethernet ports. Alternatively, use the built-in WiFi 6E for wireless connectivity.



Image: Detailed view of the BOSGAME P2 Mini PC's rich interface ports, including USB-C, USB 3.2, HDMI, DisplayPort, and dual LAN ports.



Image: The BOSGAME P2 Mini PC connected to three monitors, demonstrating its triple display support for enhanced productivity and entertainment.

3. Operating Instructions

3.1 Powering On/Off

- **Power On:** Press the power button located on the front of the Mini PC. The power indicator light will illuminate.
- **Power Off:** To safely shut down the system, use the operating system's shutdown function. Avoid direct power disconnection to prevent data loss.

3.2 Operating System

The BOSGAME P2 Mini PC comes with Windows 11 OS pre-installed. It is also compatible with Linux and Ubuntu operating systems, offering flexibility for advanced users.

3.3 Storage Expansion

The Mini PC features dual M.2 slots supporting up to 4TB of M.2 PCIe 3.0x4 SSD storage. This allows for significant expansion beyond the pre-installed 512GB SSD.

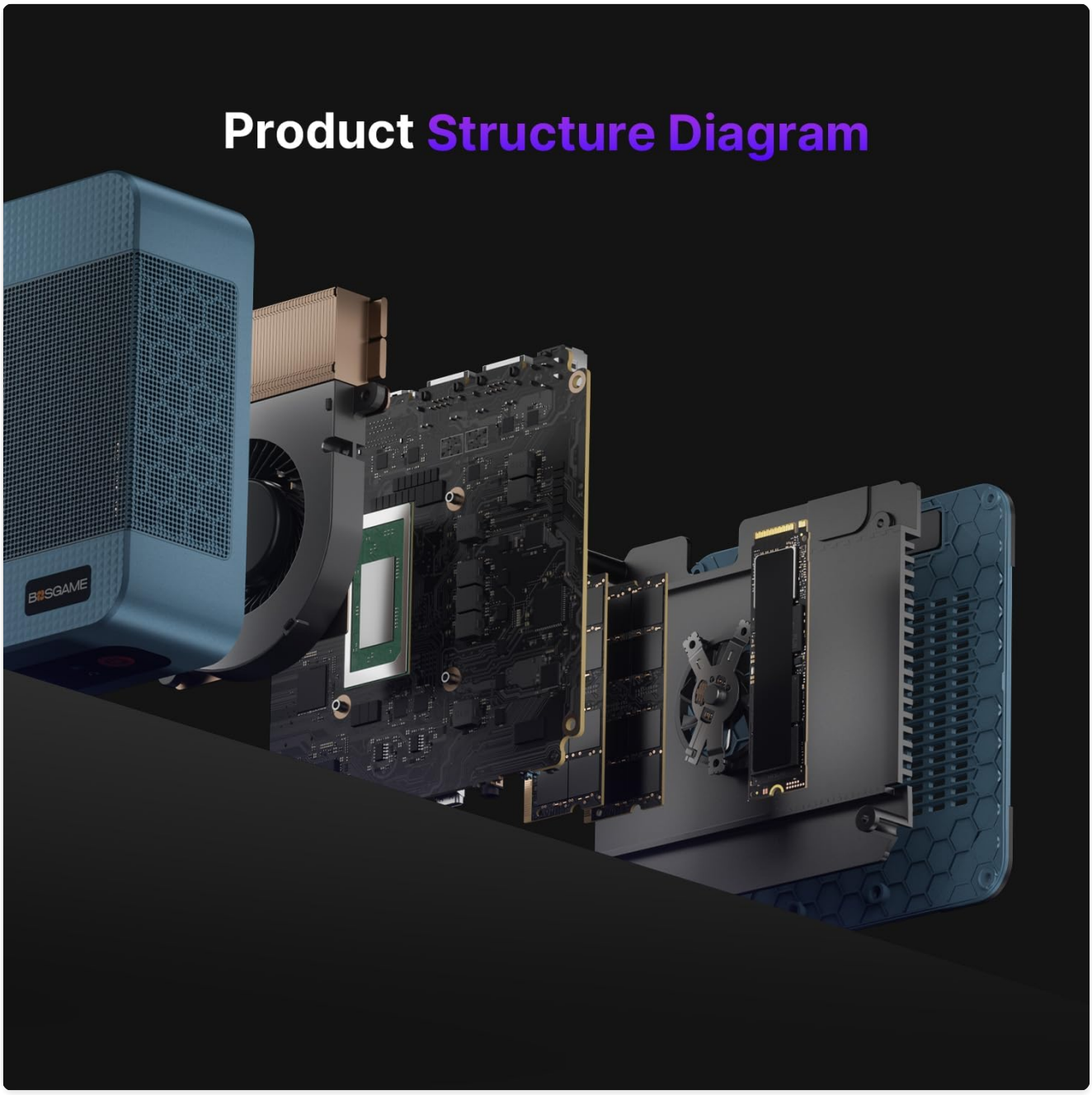


Image: An exploded view of the BOSGAME P2 Mini PC, illustrating its internal components including the motherboard, cooling system, and M.2 SSD slot.

3.4 Connectivity

The Mini PC offers robust connectivity options:

- **Wireless:** Integrated WiFi 6E for high-speed wireless internet and Bluetooth 5.2 for connecting wireless peripherals.
- **Wired:** Two 2.5 Gigabit Ethernet ports for stable and fast wired network connections.
- **USB Ports:** Multiple USB 3.2 ports (10Gbps) and a versatile USB-C port.

4. Maintenance

4.1 Cleaning

Regularly clean the exterior of the Mini PC with a soft, dry cloth. For ventilation grilles, use compressed air to remove dust buildup, ensuring proper airflow and cooling.

4.2 Software Updates

Keep your operating system and drivers updated to the latest versions. This ensures optimal performance, security, and compatibility with new software and hardware.

5. Troubleshooting

This section addresses common issues you might encounter with your BOSGAME P2 Mini PC.

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet if necessary.
- **No Display:** Verify that the HDMI/DP/USB-C cable is firmly connected to both the Mini PC and the monitor. Check the monitor's input source settings.
- **Slow Performance:** Close unnecessary applications. Check for background processes consuming high CPU or RAM. Ensure sufficient free storage space. Consider upgrading RAM or SSD if performance issues persist.
- **Network Connectivity Issues:** For wired connections, check the Ethernet cable and router status. For wireless, ensure Wi-Fi is enabled, the correct network is selected, and the password is correct. Restart your router if needed.
- **Persistent Power Light After Shutdown:** Some Mini PCs may have a residual power light even after shutdown. If this is concerning, ensure the system is fully shut down via the OS, then disconnect the power adapter from the wall outlet.

6. Technical Specifications

Feature	Specification
Processor	Intel Core i5-12450H (8C/12T, up to 4.4GHz)
Graphics	Intel Iris Xe Graphics (80 EUs, up to 1.4GHz)
RAM	16GB DDR4 3200MHz (Expandable to 64GB)
Storage	512GB M.2 PCIe 3.0x4 SSD (Dual M.2 slots, up to 4TB)
Operating System	Windows 11 OS (Compatible with Linux, Ubuntu)
Video Output	1x HDMI 2.0 (4K@60Hz), 1x DisplayPort (4K@60Hz), 1x USB-C (4K@60Hz) - Triple Display Support
USB Ports	4x USB 3.2 (10Gbps), 1x USB-C
Network	2x 2.5 Gigabit Ethernet, WiFi 6E, Bluetooth 5.2
Audio	3.5mm Audio Jack
Dimensions	5.09 x 5 x 1.8 inches
Weight	1.19 pounds



Image: Key features of the BOSGAME P2 Mini PC, highlighting Intel UHD Graphics, DDR4 3200MHz RAM, M.2 NVMe SSD, Wi-Fi 6, Bluetooth 5.2, and 1G RJ45 LAN.



Image: Visual representation of the Intel Core i5-12450H processor, detailing its 8 cores, 12 threads, 4.40 GHz max boost clock, and 45W TDP.

7. Warranty and Support

BOSGAME products are designed for reliability and performance. For specific warranty details and terms, please refer to the warranty card included with your product or visit the official BOSGAME website. For technical support, troubleshooting assistance, or service inquiries, please contact BOSGAME customer support through their official channels.

You can find more information and support resources on theBOSGAME Store on Amazon.

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