BOSGAME P4

BOSGAME P4 Mini PC User Manual

Model: P4 (R7 5825U 32GB+1TB)

Brand: BOSGAME

1. Product Overview

The BOSGAME P4 Mini PC is a compact and powerful desktop computer designed for a variety of uses, from light gaming and multimedia consumption to business and everyday computing. It features an AMD Ryzen 7 5825U processor, ample memory, and fast storage, along with extensive connectivity options.

What's in the Box

- 1x BOSGAME P4 Plus Mini PC
- 1x HDMI Cable
- 1x User Manual
- 1x Power Adapter
- 1x Wall Mount



Image: Contents of the BOSGAME P4 Mini PC package, including the mini PC, power adapter, HDMI cable, VESA mount with screws, and user manual.

2. Setup Guide

Initial Setup

1. **Connect to Power:** Plug the power adapter into the DC-in port on the rear of the mini PC, then connect it to a power outlet.
2. **Connect to Display:** Use the included HDMI cable to connect the mini PC to your monitor or TV. The device also supports DisplayPort (DP1.4) and USB 4.0 (Type-C) for triple display output.
3. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB 3.2 or USB 2.0 ports.
4. **Network Connection:** For internet access, connect an Ethernet cable to one of the dual 2.5G LAN ports or connect wirelessly via WiFi 6E.
5. **Power On:** Press the power button on the front of the mini PC.



Image: Front view of the BOSGAME P4 Mini PC, highlighting the USB 3.2 ports, USB-C port, audio jack, and power button.



Image: Rear view of the BOSGAME P4 Mini PC, showing the DC power input, dual 2.5G LAN ports, HDMI 2.0 port, DisplayPort 1.4, and USB 2.0 ports.

VESA Mount Installation

The BOSGAME P4 Mini PC includes a VESA mount for attaching the device to the back of a compatible monitor or TV, saving desk space.

1. Attach the VESA bracket to the mini PC using the provided screws.
2. Fix the bracket to the back of your display using the remaining screws, aligning with the VESA mounting holes.

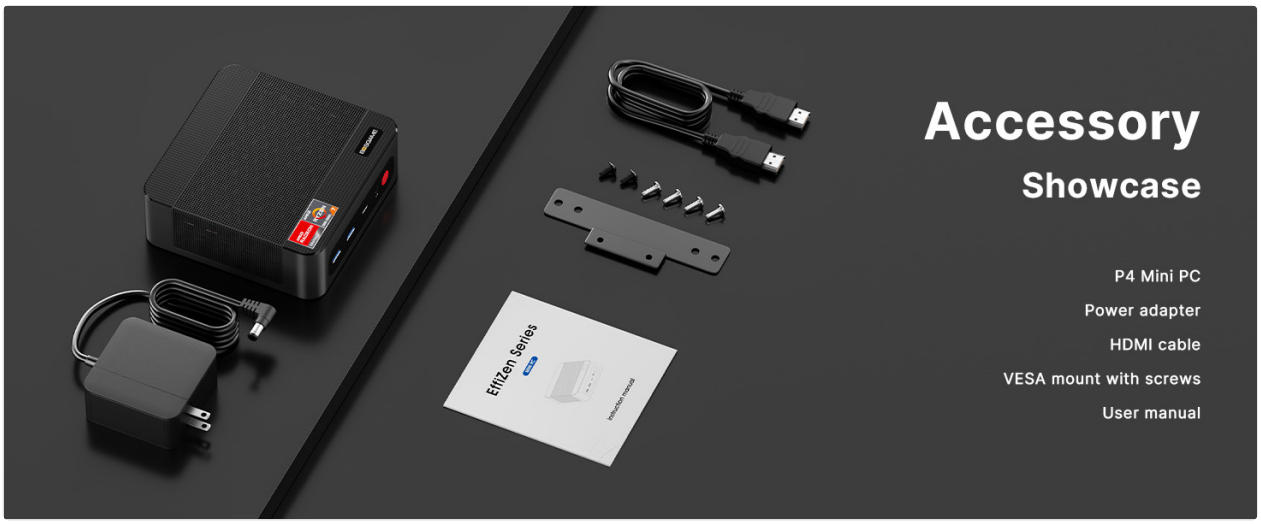


Image: Diagram illustrating the easy installation of the BOSGAME P4 Mini PC using the VESA mount on the back of a monitor.

3. Operating Instructions

Operating System

The BOSGAME P4 Mini PC comes pre-installed with Windows 11 Pro. It also supports other operating systems such as Ubuntu, allowing for flexible user choice.



Image: The BOSGAME P4 Mini PC demonstrating compatibility with various operating systems, including Windows, Linux, and Ubuntu.

Triple Display Output

The mini PC supports up to three 4K 60Hz displays simultaneously via HDMI 2.0, DisplayPort 1.4, and USB 4.0 (Type-C). This feature enhances productivity for multitasking and complex multi-screen applications.



Image: The BOSGAME P4 Mini PC connected to and displaying content across three external monitors, showcasing its triple display output capability.

Storage Expansion

The BOSGAME P4 Mini PC is equipped with 32GB DDR4 dual-channel memory and a 1TB M.2 NVMe PCIe 3.0 x4 2280 SSD. It supports maximum expansion of 64GB DDR4 RAM and 2TB SSD, allowing for significant upgrades to meet demanding storage and performance needs.



Image: Internal view of the BOSGAME P4 Mini PC, highlighting the SODIMM DDR4 memory slots and the M.2 NVMe PCIe 3.0 SSD slot for storage expansion.

Unboxing and Upgrade Video

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Video: An official BOSGAME P4 Unboxing Video, demonstrating the contents of the package and providing a visual guide for potential upgrades to RAM and SSD.

4. Maintenance

To ensure the longevity and optimal performance of your BOSGAME P4 Mini PC, regular maintenance is recommended:

- **Cleaning:** Regularly clean the exterior of the mini PC with a soft, dry cloth. Use compressed air to clear dust from the ventilation grilles and fan to prevent overheating. Ensure the device is powered off and unplugged before cleaning.
- **Software Updates:** Keep your operating system and drivers updated to ensure security and performance improvements.
- **Ventilation:** Ensure the mini PC is placed in a well-ventilated area, away from direct sunlight or heat

sources, to allow for proper airflow and prevent thermal throttling.

- **Cable Management:** Organize cables to prevent tangles and ensure they do not obstruct airflow around the device.

5. Troubleshooting

If you encounter issues with your BOSGAME P4 Mini PC, try the following common troubleshooting steps:

- **No Display:**
  - Check all display cable connections (HDMI, DisplayPort, USB-C) at both the PC and monitor ends.
  - Ensure the monitor is powered on and set to the correct input source.
  - Try a different display cable or monitor if available.
- **No Power:**
  - Verify the power adapter is securely connected to the mini PC and the power outlet.
  - Test the power outlet with another device to ensure it is functional.
  - Ensure the power button is fully pressed.
- **Slow Performance:**
  - Close unnecessary applications running in the background.
  - Check for and install any pending operating system updates.
  - Ensure adequate ventilation to prevent thermal throttling.
  - Consider upgrading RAM or SSD if performance issues persist during demanding tasks.
- **No Network Connection:**
  - For wired connections, check the Ethernet cable and router status.
  - For wireless connections, ensure Wi-Fi is enabled and you are connected to the correct network with the correct password.
  - Restart your router/modem and the mini PC.

6. Specifications

Feature	Specification
Processor	AMD Ryzen 7 5825U (8 Cores, 16 Threads, up to 4.5 GHz)
Graphics	Radeon RX Vega 8 Integrated Graphics
RAM	32GB DDR4 SODIMM (3200MHz, Dual-Channel, expandable to 64GB)
Storage	1TB M.2 NVMe PCIe 3.0 x4 2280 SSD (expandable to 2TB)
Operating System	Windows 11 Pro (supports Ubuntu)
Video Output	HDMI 2.0, DisplayPort 1.4, USB 4.0 (Type-C) - Triple 4K@60Hz Display
USB Ports	2x USB 3.2, 2x USB 2.0, 1x USB 4.0 (Type-C)
Network	Dual 2.5G Ethernet Ports, WiFi 6E

Bluetooth	Bluetooth 5.2
Dimensions	Approximately 5.12 x 5.08 x 1.81 inches
Weight	Approximately 2.46 pounds

7. Warranty and Support

BOSGAME products typically come with a limited manufacturer's warranty. For specific warranty terms, technical support, or service inquiries, please refer to the official BOSGAME website or contact their customer support directly.

Official Support Contact:

- Email: support@bosgamepc.com
- Official Website: https://www.bosgamepc.com/

When contacting support, please have your product model (P4) and purchase information readily available.