BOSGAME P4

BOSGAME P4 Mini PC User Manual

Model: P4 (AMD Ryzen 7 5700U, 16GB DDR4, 512GB PCIe SSD)

1. INTRODUCTION

This manual provides instructions for setting up, operating, maintaining, and troubleshooting your BOSGAME P4 Mini PC. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

Image 1: The BOSGAME P4 Mini PC, showcasing its compact design and various ports.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- BOSGAME P4 Mini PC
- Power Adapter
- HDMI Cable
- User Manual (this document)
- VESA Mount (optional, check packaging)

3. SETUP GUIDE

3.1 Connecting Peripherals

1. **Connect Display:** Use an HDMI or DisplayPort (DP) cable to connect your monitor(s) to the corresponding ports on the Mini PC. For triple display setup, use HDMI, DP, and the full-featured USB-C port.
2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into the available USB 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 2.5G LAN ports. For wireless, the device supports Wi-Fi 6E.

Image 2: Diagram illustrating the various input/output ports on the BOSGAME P4 Mini PC, including USB, HDMI, DP, LAN, and DC power.

3.2 Initial Boot-up

After connecting all necessary peripherals and power, press the power button located on the front of the Mini PC. The system will boot up, and you may need to follow on-screen instructions for initial operating system setup (e.g., Windows 11 Pro).

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **Power On:** Press the power button once.
- **Power Off:** From the operating system, select "Shut down." Alternatively, press and hold the power button for 5-7 seconds for a forced shutdown (use only when necessary).

4.2 Network Connectivity

- **Wired (LAN):** Connect an Ethernet cable to either of the two 2.5G RJ45 LAN ports. The system should automatically detect the connection.
- **Wireless (Wi-Fi 6E):** Access your operating system's network settings, select your Wi-Fi network, and enter the password. The Mini PC supports dual-band Wi-Fi 6E for stable wireless signals.

Image 3: The rear of the Mini PC highlighting the dual 2.5G Ethernet ports, demonstrating network connectivity.

4.3 Triple Display Output

The BOSGAME P4 supports up to three independent displays simultaneously, offering 4K resolution at 60Hz. Connect displays using the HDMI, DisplayPort (DP), and the full-featured USB-C port. Configure display settings within your operating system.

Image 4: A setup showing the BOSGAME P4 Mini PC connected to three monitors, demonstrating its triple display capability for enhanced productivity.

4.4 USB-C Functionality

The full-featured USB-C port supports PD 3.0 power supply, 4K@60Hz video output, and 10Gbps data transmission. This allows for versatile connectivity with compatible devices.

Image 5: The Mini PC connected to an external display using a USB-C cable, illustrating the port's video output capability.

4.5 Storage Expansion

The Mini PC includes a 512GB M.2 NVMe PCIe 3.0x4 SSD. For additional storage, a 2.5-inch SSD (not included) can be added to expand the memory up to 2TB.

5. MAINTENANCE

5.1 Heat Dissipation

The BOSGAME P4 Mini PC features an efficient and stable heat dissipation system with a cooling fan and heat conduits, ensuring quiet operation even under load.

Highly efficient heat dissipation

Efficient and stable heat dissipation system, quiet operation

Cooling Fan

Heat Conduits

Image 6: An internal diagram of the Mini PC highlighting the cooling fan and heat conduits, which contribute to its efficient heat dissipation.

5.2 General Care

- Keep the device in a clean, dry environment.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- Do not block the ventilation openings.
- Clean the exterior with a soft, dry cloth. Avoid liquid cleaners.

6. TROUBLESHOOTING

If you encounter issues with your BOSGAME P4 Mini PC, refer to the following common solutions:

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet.
- **No Display:** Verify that the monitor is powered on and correctly connected to the Mini PC via HDMI, DP, or USB-C.

Try a different cable or monitor if possible. Ensure the correct input source is selected on your monitor.

- **No Network Connection:** For wired connections, check the Ethernet cable and router. For Wi-Fi, ensure the Wi-Fi adapter is enabled in the operating system and you are connected to the correct network with the right password.

- **System Slowdown:** Close unnecessary applications. Check for background processes that might be consuming resources. Ensure sufficient free storage space.

For further assistance, please contact BOSGAME customer support.

7. SPECIFICATIONS

Feature	Detail
Processor	AMD Ryzen 7 5700U (8C/16T, 16M Cache, up to 4.3GHz)
Graphics	Radeon Graphics (8 GPU cores, 2000MHz)
RAM	16GB DDR4 (Dual Channel)
Storage	512GB M.2 NVME PCIe 3.0x4 SSD (Expandable with 2.5" SSD up to 2TB)
Display Output	HDMI 2.0 (4K@60Hz), DisplayPort (4K@60Hz), USB-C (4K@60Hz) - Triple Display Support
Network	Dual 2.5G RJ45 LAN Ports, Wi-Fi 6E, Bluetooth 5.2
USB Ports	USB 3.2 Gen1 (front), USB 2.0 (rear), Full-featured USB-C (front)
Operating System	Supports Windows, Ubuntu, Linux
Dimensions	Approximately 9.09 x 7.2 x 2.64 inches (Package)
Weight	Approximately 2.33 pounds

Image 7: A visual summary of the BOSGAME P4 Mini PC's core features, including processor, RAM, storage, and connectivity options.
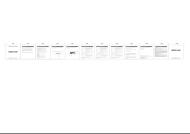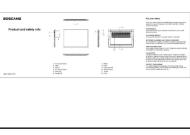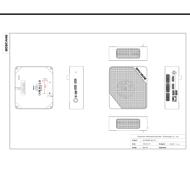
8. WARRANTY AND SUPPORT

BOSGAME offers a 1-year limited warranty for the P4 Mini PC. For technical support or warranty claims, please contact BOSGAME directly.

- **Online Support:** Log in to your Amazon account, navigate to "Your Account" -> "Your Orders," and select "Ask Product Question" for the BOSGAME P4 Mini PC.
- **Email Support:** support@bosgamepc.com
- **Lifetime Technical Support:** BOSGAME provides lifetime technical support for its products.

The seller for this product is BOSGAME (Seller ID: A2YNCWAX1WE9I4).

Related Documents -

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