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BOSGAME P3 Lite

BOSGAME P3 Lite Mini PC Instruction Manual

Model: P3 Lite

1. Product Overview

The BOSGAME P3 Lite Mini PC is a compact yet powerful computing solution designed for a wide range of applications, from gaming and multimedia to office productivity and creative work. Featuring an AMD Ryzen 7 6800H processor, 24GB DDR5 memory, and a 1TB NVMe SSD, it delivers high performance in a small form factor. Its versatile connectivity options and support for multiple displays make it an ideal choice for diverse user needs.



BOSGAME P3 Lite Mini PC with a view of its compact design and various ports.

Key Features:

- **Powerful Multi-core Performance:** Equipped with AMD Ryzen 7 6800H processor (8 cores, 16 threads, up to 4.7 GHz) for efficient multitasking and demanding applications.
- **Excellent Gaming Performance:** Integrated RDNA 2 graphics (AMD Radeon 680M) provides significant graphics performance for light gaming and graphic design tasks.
- **High-Speed Memory & Storage:** Comes with 24GB DDR5 4800MHz memory and a 1TB NVMe PCIe 4.0 SSD for faster data processing and ample storage.
- **Versatile Connectivity:** Features USB4 (40Gbps, PD 100W, DP1.4), USB 3.2 Gen2, HDMI 2.0, dual 2.5G Ethernet, Wi-Fi 6E, and Bluetooth 5.2.
- **Multiple Operating System Support:** Pre-installed with Windows 11 Pro, also compatible with Ubuntu and Linux.
- **Enhanced User Convenience:** Supports auto power-on, Wake-on-LAN, TPM 2.0 security, and real-time clock functionality.
- **Energy-Efficient and Quiet:** Advanced thermal management ensures powerful performance with minimal energy consumption and noise.

Product Presentation Video:

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This video provides a general overview and presentation of the BOSGAME P3 Lite Mini PC, highlighting its design and key features.

2. Getting Started

2.1. What's in the Box

- 1 x BOSGAME Mini PC P3 Lite
- 1 x Power Adapter
- 1 x VESA Mount with Screws
- 1 x HDMI cable
- 1 x User Manual



All accessories included with your BOSGAME P3 Lite Mini PC.

2.2. Hardware Connection

Follow these steps to connect your Mini PC to a display and peripherals:

1. Connect the power adapter to the DC-in port on the Mini PC and plug it into a power outlet.
2. Connect your monitor(s) to the HDMI or DisplayPort (DP) outputs on the Mini PC using the provided HDMI cable or your own DP cable.
3. Connect your keyboard and mouse to the available USB ports.

4. For wired network access, connect an Ethernet cable to one of the 2.5G RJ45 LAN ports.
5. Press the power button on the front of the Mini PC to turn it on.



Detailed view of the rich interfaces for various connections.

2.3. Initial Operating System Setup (Windows 11 Pro)

Upon the first boot, you will be guided through the Windows 11 Pro setup process. This includes selecting your language, region, keyboard layout, connecting to a network, and creating a user account.

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This video demonstrates the user setup process for Windows 11 Pro on the Mini PC, guiding you through initial configuration steps.

3. Operation

3.1. Multi-Display Configuration

The BOSGAME P3 Lite supports triple display output, allowing for an expanded workspace or immersive multimedia experience. Connect up to three monitors using the available HDMI, DisplayPort, and USB4 ports.

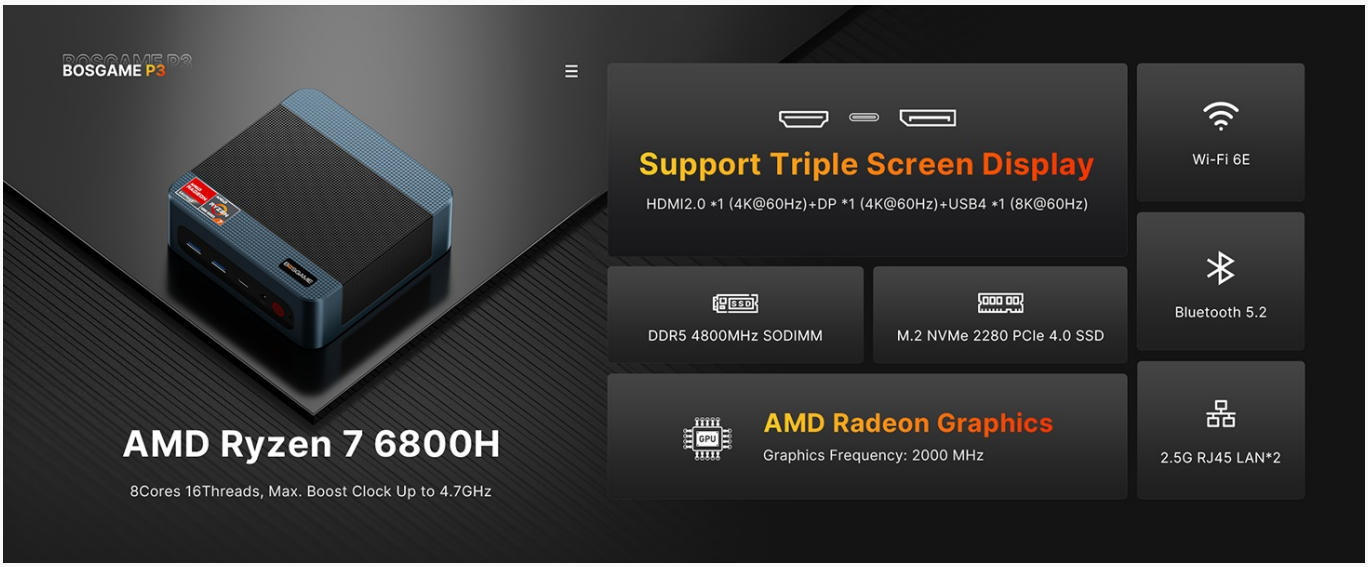


Achieve an expansive workspace with triple screen display support.

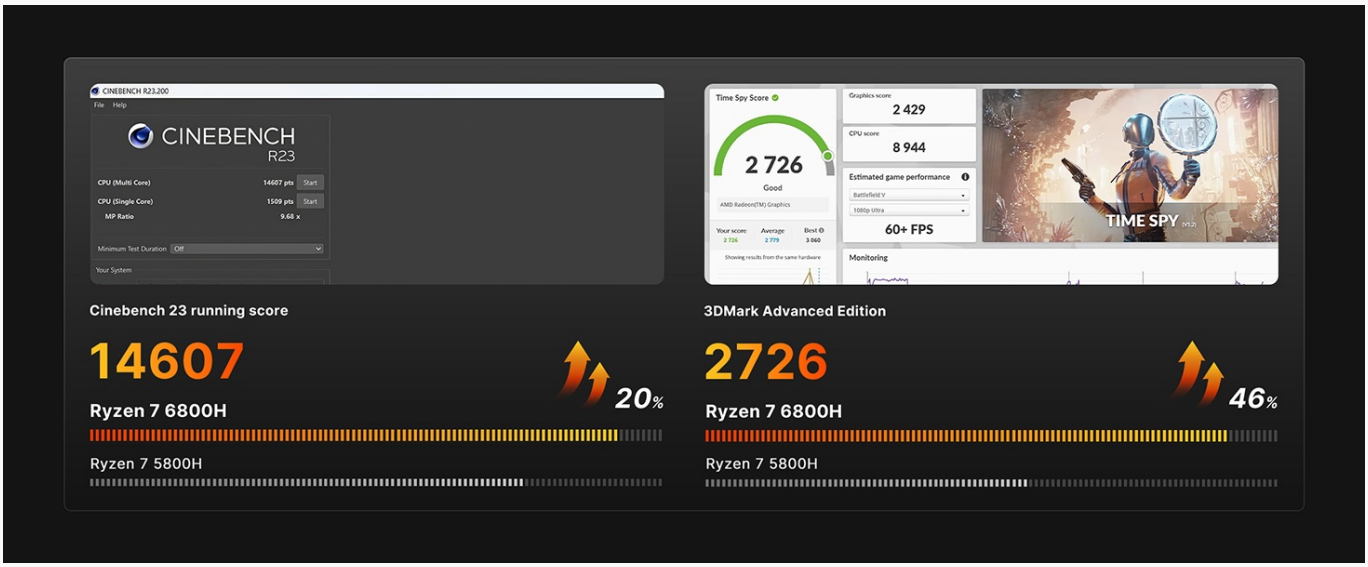
3.2. Advanced Connectivity Features

Leverage the advanced connectivity options of your Mini PC for high-speed networking and versatile data transfer:

- **Dual 2.5G Ethernet:** Provides network transmission rates up to 2.5Gbps for fast and stable internet connections.
- **Full-featured USB4 Port:** Supports 40Gbps data transfer, 100W Power Delivery (PD 3.0), and DisplayPort 1.4 for 8K@60Hz video output.
- **Wi-Fi 6E & Bluetooth 5.2:** Ensures robust and high-speed wireless connectivity for all your devices.



Dual 2.5G Ethernet ports for high-speed network transmission.



Full-featured USB4 port offering PD 3.0 power supply, 8K@60Hz video output, and 10Gbps data transmission.

4. Maintenance and Upgrades

4.1. Memory (RAM) and Storage (SSD) Expansion

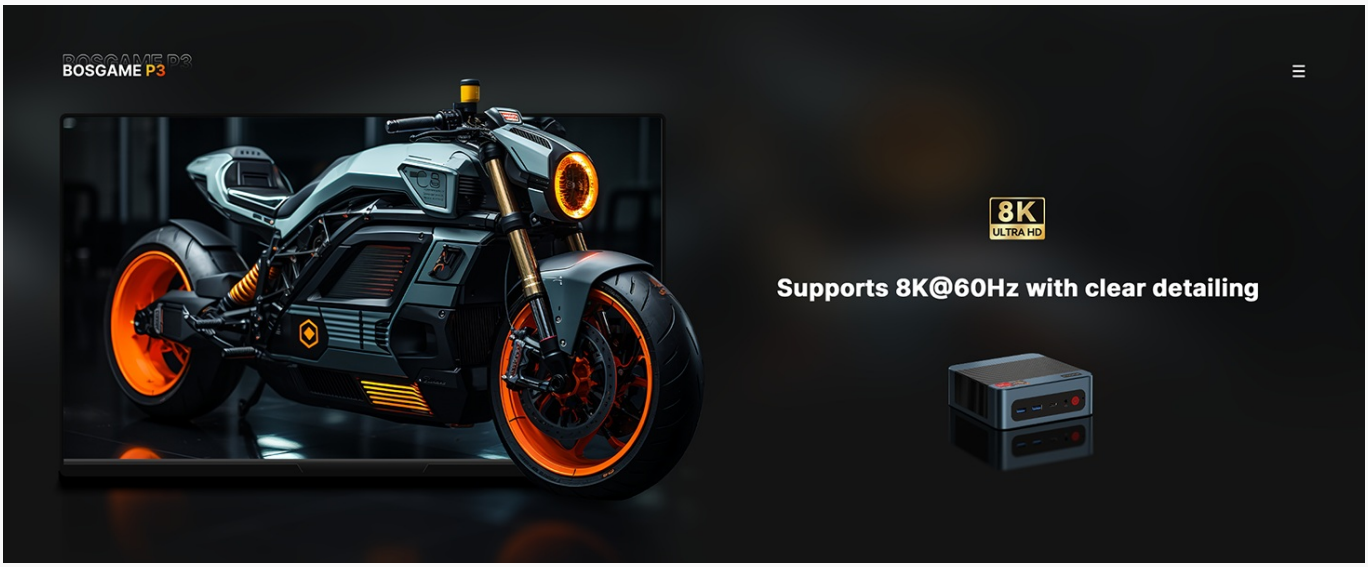
The BOSGAME P3 Lite Mini PC allows for easy upgrades of its DDR5 memory and NVMe SSD. This can enhance overall system performance and storage capacity.

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This video provides a step-by-step guide on how to install DDR memory and SSD storage in your BOSGAME P Series Mini PC.

4.2. Thermal Management and Noise

The P3 Lite is designed with an efficient heat dissipation system, including a dual fan setup, to maintain optimal operating temperatures and ensure quiet performance even under load.



Highly efficient heat dissipation system for stable and quiet operation.



Experience outstanding quietness with the P3 Lite's low decibel noise output.

5. Troubleshooting Common Issues

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Check if the power button illuminates.
- **No Display:** Verify that the HDMI/DisplayPort cables are firmly connected to both the Mini PC and the monitor. Try a different port or cable. Ensure the monitor is set to the correct input source.
- **Operating System Not Loading:** If the OS fails to boot, you may need to reinstall it. Refer to the "Initial Operating System Setup" section for guidance.
- **Slow Performance:** Check for excessive background applications. Ensure all drivers (especially graphics drivers) are up to date. Consider upgrading RAM or SSD if performance issues persist.
- **Network Connectivity Issues:** For wired connections, check the Ethernet cable and router. For Wi-Fi, ensure the correct network is selected and the password is entered correctly. Restarting the router and Mini PC can often resolve temporary issues.
- **Overheating:** Ensure the Mini PC's vents are not obstructed. Operate the device in a well-ventilated area. If issues persist, contact support.

6. Technical Specifications

Feature	Specification
Processor	AMD Ryzen 7 6800H (8 Cores, 16 Threads, 3.2 GHz Base, 4.7 GHz Max Boost)
Graphics	AMD Radeon 680M (Integrated)
RAM	24GB DDR5 4800MHz SODIMM (Expandable up to 64GB)
Storage	1TB NVMe PCIe 4.0 SSD (Two NVMe SSD Slots)
Operating System	Windows 11 Pro (Supports Win/Ubuntu/Linux)
Video Output	1x HDMI 2.0 (4K@60Hz), 1x DisplayPort (4K@60Hz), 1x USB4 (8K@60Hz) - Triple Display Support
USB Ports	1x USB4 (40Gbps, PD 100W), 4x USB 3.2 Gen2, 2x USB 2.0
Network	Dual 2.5G RJ45 LAN, Wi-Fi 6E, Bluetooth 5.2
Dimensions (LxWxH)	4.96 x 4.41 x 1.61 inches (126 x 112 x 41 mm)
Weight	2.64 pounds (1.2 kg)
Color	Black



Comprehensive product specifications for the BOSGAME P3 Lite.

7. Warranty and Support

BOSGAME is committed to providing high-quality products and excellent customer service. For any questions, technical support, or warranty claims, please refer to the following options:

- **Contact via Amazon:** Log in to your Amazon buyer account, find your order, click "Get Help," and then "Ask a question."
- **Email Support:** You can also reach out to BOSGAME directly via email at support@bosgamepc.com. We aim to reply as soon as possible on working days.



BOSGAME customer support contact information.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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