BOSGAME P4 Plus

BOSGAME P4 Plus Mini PC User Manual

Model: P4 Plus

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your BOSGAME P4 Plus Mini PC. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.



Image 1.1: Front view of the BOSGAME P4 Plus Mini PC. The device is a compact black square unit with a textured top surface. The front panel features two USB 3.2 ports, one USB-C port, an audio jack, and a red power button.

2. Package Contents

Verify that all items listed below are included in your product package:



Image 2.1: Contents of the BOSGAME P4 Plus Mini PC package. The image displays the P4 Mini PC, a power adapter, an HDMI cable, a VESA mount with screws, and a user manual.

1. BOSGAME P4 Plus Mini PC
2. Power Adapter
3. HDMI Cable
4. VESA Mount with Screws
5. User Manual

3. Product Features and Overview

The BOSGAME P4 Plus Mini PC is equipped with advanced components and versatile connectivity options for various applications.

3.1 Key Features

- **Processor:** AMD Ryzen 7 5825U (8 Cores, 16 Threads, up to 4.5GHz)
- **Memory:** 16GB DDR4 3200MHz RAM (expandable up to 64GB)
- **Storage:** 512GB PCIe 3.0 SSD (supports additional SSD)
- **Operating System:** Windows 11 Pro (pre-installed)
- **Wireless Connectivity:** Wi-Fi 6E, Bluetooth 5.2
- **Network:** Dual 2.5G LAN ports
- **Display Output:** Triple 4K@60Hz display support via HDMI, DisplayPort, and USB-C

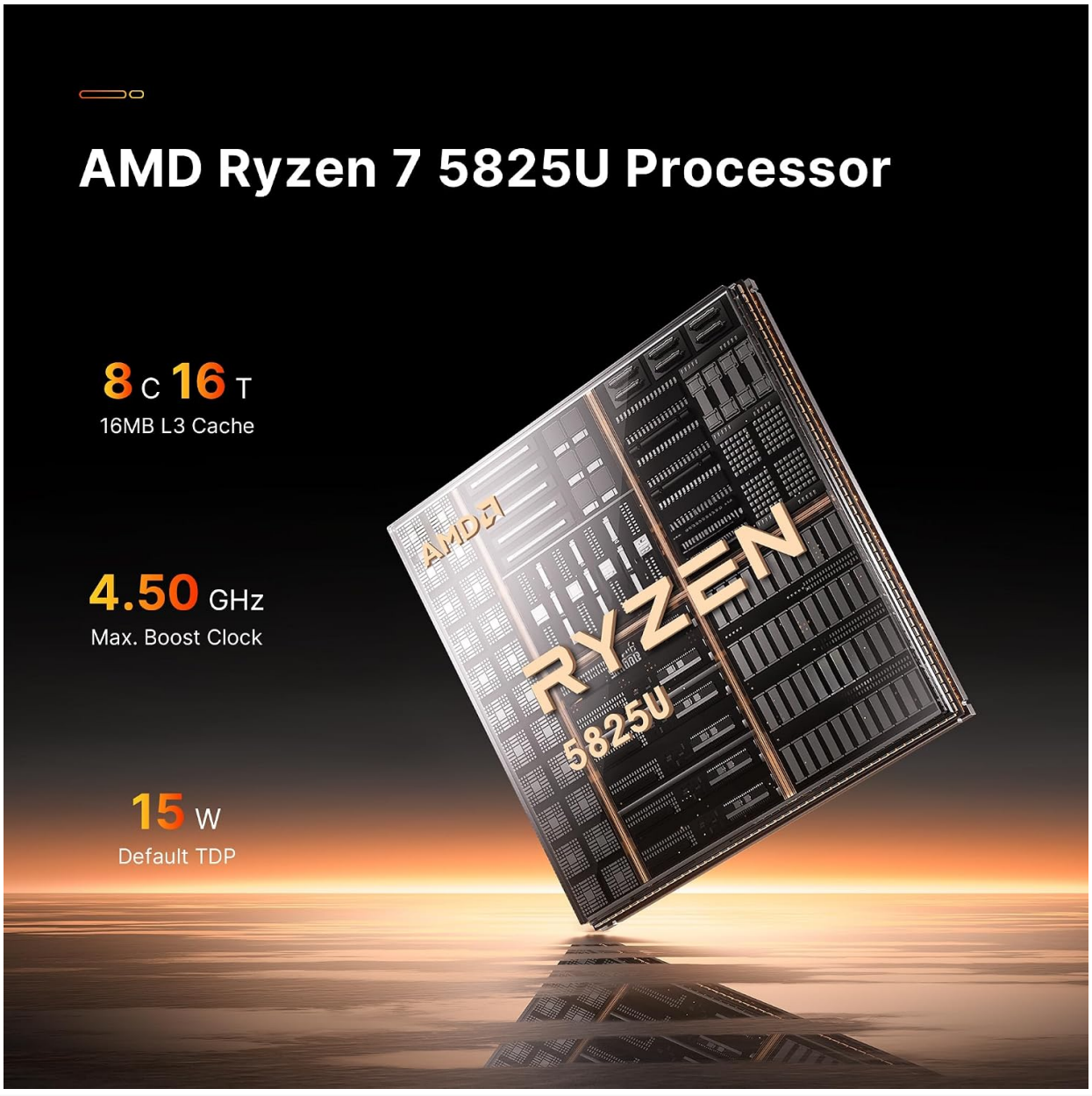


Image 3.1: Detailed view of the AMD Ryzen 7 5825U Processor. Specifications include 8 cores, 16 threads, 16MB L3 Cache, 4.50 GHz Max. Boost Clock, and 15W Default TDP.

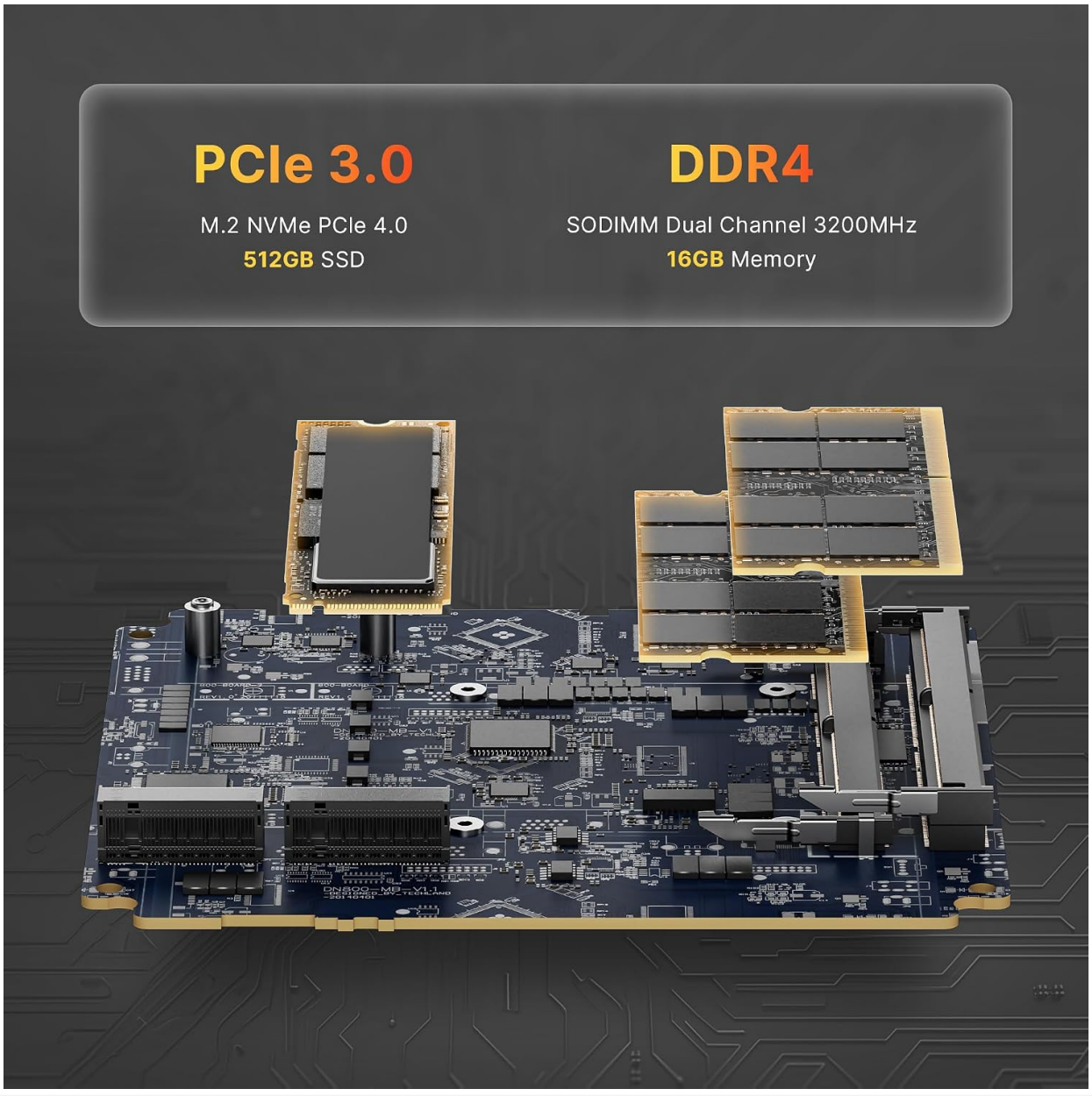


Image 3.2: Internal components showing PCIe 3.0 M.2 NVMe SSD (512GB) and SODIMM Dual Channel DDR4 3200MHz memory (16GB).

3.2 Port Layout

The Mini PC offers a variety of ports for connectivity:



Image 3.3: Overview of the Mini PC's interfaces. The front panel includes USB 3.2 ports, a USB-C port, an audio jack, and the power button. The rear panel features a DC power input, two 2.5G RJ45 LAN ports, a DisplayPort (DP), an HDMI port, and USB 2.0 ports.

- **Front Ports:**
  - 2 x USB 3.2 Type-A
  - 1 x USB-C (DisplayPort Alternate Mode supported)
  - 1 x 3.5mm Audio Jack
  - 1 x Power Button
- **Rear Ports:**
  - 1 x DC Power Input
  - 2 x 2.5G RJ45 Ethernet Ports
  - 1 x DisplayPort (DP)
  - 1 x HDMI Port
  - 2 x USB 2.0 Type-A



Image 3.4: Close-up of the dual 2.5G Ethernet ports on the rear of the Mini PC, highlighting high-speed network transmission capabilities.

4. Setup Instructions

Follow these steps for initial setup of your BOSGAME P4 Plus Mini PC:

1. **Connect to a Display:** Connect your monitor(s) to the Mini PC using the HDMI, DisplayPort, or USB-C ports. The device supports up to three 4K@60Hz displays simultaneously.
2. **Connect Peripherals:** Plug in your keyboard, mouse, and any other USB devices into the available USB ports.
3. **Connect to Network (Optional):** For a wired connection, connect an Ethernet cable to one of the 2.5G LAN ports. For wireless, the device will prompt you to connect to a Wi-Fi network during initial Windows setup.
4. **Connect Power:** Plug the power adapter into the DC power input on the Mini PC, then plug the adapter into a power outlet.

5. **Power On:** Press the red power button on the front of the Mini PC. The system will boot into Windows 11 Pro.
6. **Initial Windows Setup:** Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network connection, and user account creation.



Image 4.1: The BOSGAME P4 Plus Mini PC connected to three external monitors, demonstrating its triple 4K display output capability via USB-C, DisplayPort, and HDMI.

5. Operating Instructions

5.1 Power On/Off

- **To Power On:** Press the red power button on the front panel.
- **To Shut Down:** Click the Start button in Windows, then select Power > Shut down. Alternatively, press and hold the power button for 4 seconds to force a shutdown (use only if the system is unresponsive).
- **To Restart:** Click the Start button in Windows, then select Power > Restart.
- **To Sleep:** Click the Start button in Windows, then select Power > Sleep.

5.2 Connecting to Wi-Fi

1. Click the Wi-Fi icon in the system tray (bottom right corner of the screen).
2. Select your desired Wi-Fi network from the list.
3. Click 'Connect' and enter the network password if prompted.

5.3 Using Multiple Displays

The P4 Plus supports up to three independent displays. After connecting multiple monitors, Windows should automatically detect them. If not, right-click on the desktop, select 'Display settings', and configure your displays (e.g., extend, duplicate).

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6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Mini PC.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the Mini PC. For dust accumulation in vents, use compressed air. Do not use liquid cleaners directly on the device.
- **Ventilation:** Ensure the Mini PC is placed in a well-ventilated area. Do not block the ventilation holes.
- **Software Updates:** Regularly update Windows and drivers to ensure system stability and security.
- **Storage Management:** Periodically clean up unnecessary files and applications to maintain optimal storage performance.

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7. Troubleshooting

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

- **No Power:**
  - Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
  - Test the power outlet with another device.
- **No Display Output:**
  - Verify that the monitor is powered on and the correct input source is selected.
  - Check that the display cables (HDMI, DP, USB-C) are securely connected to both the Mini PC and the monitor.
  - Try a different display cable or port.
- **No Internet Connection:**
  - **Wired:** Ensure the Ethernet cable is properly connected and your router is functioning.
  - **Wireless:** Check Wi-Fi settings in Windows, ensure Wi-Fi is enabled, and you are connected to the correct network with the correct password. Restart your router if necessary.
- **System Slowdown:**
  - Close unnecessary applications running in the background.
  - Check for available Windows updates.
  - Ensure adequate ventilation to prevent overheating.

8. Specifications

Detailed technical specifications for the BOSGAME P4 Plus Mini PC:

Feature	Specification
Brand	BOSGAME
Model Number	P4 Plus
Processor	AMD Ryzen 7 5825U (8 Cores, 16 Threads, 16MB Cache, up to 4.5 GHz)
Graphics	AMD Radeon Graphics (8 cores, 2000 MHz Frequency)
RAM	16GB DDR4 3200MHz (Max 64GB)
Storage	512GB PCIe 3.0 NVMe SSD
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6E (802.11ax), Bluetooth 5.2
Ethernet	Dual 2.5G RJ45 LAN
Video Output	1 x HDMI, 1 x DisplayPort, 1 x USB-C (Triple 4K@60Hz display support)
USB Ports	2 x USB 3.2 Type-A, 2 x USB 2.0 Type-A, 1 x USB-C
Audio	1 x 3.5mm Audio Jack
Dimensions (L x W x H)	11 x 11 x 4 cm
Weight	900 grams

9. Warranty and Support

Your BOSGAME P4 Plus Mini PC comes with a one-year warranty from the date of purchase. This warranty covers manufacturing defects and ensures that your product is free from material and workmanship flaws under normal use.
For technical support, warranty claims, or any questions regarding your product, please contact BOSGAME customer service. Please have your purchase receipt and product model number ready when contacting support.
Customer service response is typically available within 24 hours.

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