

XPG VALORAIRPLUSMTA-WHCWW

XPG VALOR AIR PLUS Mid-Tower PC Chassis User Manual

Model: VALORAIRPLUSMTA-WHCWW

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XPG VALOR AIR PLUS Mid-Tower PC Chassis. Please read this manual thoroughly before beginning assembly to ensure proper installation and to prevent damage to your components. The XPG VALOR AIR PLUS is designed to accommodate mid- to high-end PC components, offering robust cooling and expandability.



Figure 1: XPG VALOR AIR PLUS Mid-Tower PC Chassis (White) with illuminated ARGB fans.

2. SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before installing or removing any components to prevent electric shock.
- Handle all components with care to avoid damage. Static electricity can harm sensitive electronic parts. Consider using an anti-static wrist strap.
- Keep small parts and packaging materials away from children.
- Ensure proper ventilation around the chassis to prevent overheating.
- Do not attempt to modify the chassis or its components, as this may void your warranty and pose safety risks.

3. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation:

- XPG VALOR AIR PLUS Mid-Tower PC Chassis
- Accessory Box (screws, cable ties, standoffs, etc.)
- User Manual (this document)
- Pre-installed 120mm ARGB Fans (4 units, in select models)

4. PRODUCT OVERVIEW

Familiarize yourself with the various parts of the XPG VALOR AIR PLUS chassis.

4.1 Front Panel





Figure 2: Front panel with magnetic mesh design for optimal airflow.

The front panel features a magnetic mesh design, allowing for easy removal and excellent airflow. This design also highlights the pre-installed ARGB fans.

4.2 Top I/O Panel



Figure 3: Top I/O panel with USB ports, audio jacks, and power/reset buttons.

The top I/O panel includes: Power Button, Reset Button, 2x USB 3.2 Type-A ports, Headphone Jack, and Microphone Jack.

4.3 Interior Layout



Figure 4: Internal structure highlighting motherboard compatibility and fan locations.

The spacious interior supports various motherboard form factors (Micro ATX, ATX) and offers multiple mounting points for fans and radiators. It features a dedicated PSU shroud for a clean build.

5. SETUP AND COMPONENT INSTALLATION

Follow these steps to install your PC components into the XPG VALOR AIR PLUS chassis.

5.1 Preparation

- Gather necessary tools: Phillips head screwdriver, cable ties (included), anti-static wrist strap (recommended).
- Prepare a clean, flat workspace.
- Remove the side panels. Typically, these are secured with thumbscrews at the rear of the chassis.

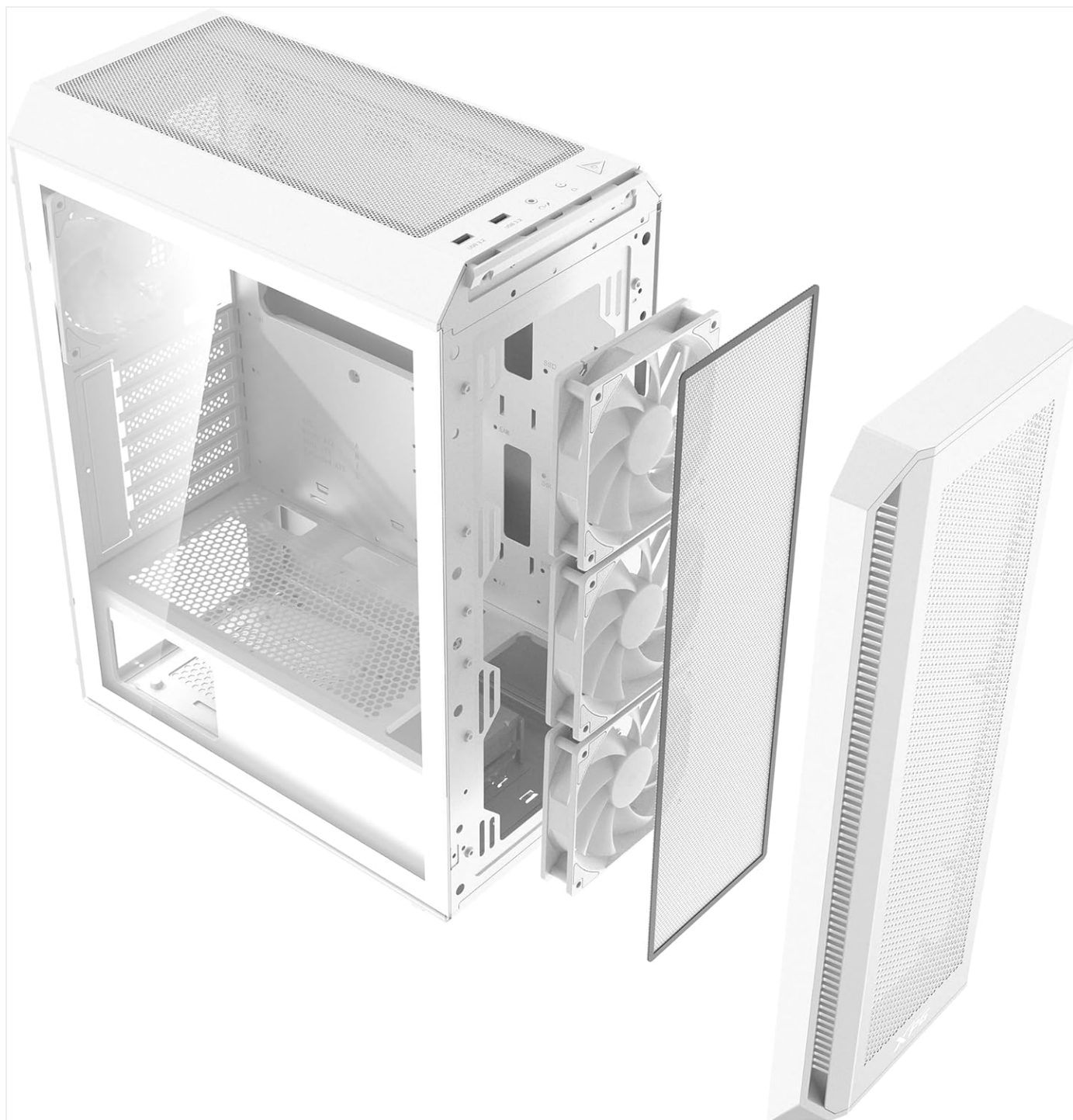


Figure 5: Exploded view demonstrating removable panels and dust filters for easy access and maintenance.

5.2 Motherboard Installation

1. Install the I/O shield into the rear opening of the chassis (if not pre-attached to your motherboard).
2. Align the motherboard with the pre-installed standoffs. Ensure the screw holes on the motherboard match the standoffs.

3. Secure the motherboard with the appropriate screws from the accessory box.

5.3 Power Supply Unit (PSU) Installation

1. Locate the PSU mounting area at the bottom rear of the chassis.
2. Slide the PSU into position from the rear.
3. Secure the PSU with screws from the accessory box.

5.4 Storage Drive Installation

The chassis supports 2.5" SSDs and 3.5" HDDs. Refer to the chassis interior for specific mounting locations (e.g., behind the motherboard tray, drive cages).

- For 2.5" SSDs: Secure with screws to designated mounting points.
- For 3.5" HDDs: Slide into drive cages and secure with screws or tool-less mechanisms.

5.5 Graphics Card (GPU) and Expansion Card Installation

1. Remove the necessary PCIe slot covers from the rear of the chassis.
2. Insert the graphics card or other expansion card into the appropriate PCIe slot on the motherboard.
3. Secure the card with the provided screw or retention clip.

5.6 Cable Management



Figure 6: Rear interior view demonstrating cable routing channels and tie-down points.

Utilize the cable routing cutouts and tie-down points behind the motherboard tray to organize cables. This improves airflow and aesthetics. Use the included cable ties to secure bundles.

5.7 Connecting Front Panel I/O

Connect the front panel cables (Power SW, Reset SW, HDD LED, Power LED, USB 3.2, HD Audio) to the corresponding headers on your motherboard. Refer to your motherboard manual for exact pin layouts.

6. OPERATING INSTRUCTIONS

6.1 First Power-On

1. Ensure all components are securely installed and all necessary cables are connected.
2. Close and secure the side panels.
3. Connect your monitor, keyboard, mouse, and power cable to the PSU.
4. Flip the power switch on the PSU to the 'ON' position.
5. Press the Power Button on the top I/O panel of the chassis.

6.2 ARGB Fan Control

The pre-installed ARGB fans can be controlled via your motherboard's ARGB software (if connected to a compatible header) or through a dedicated ARGB controller (if included with your specific model or purchased separately). Refer to your motherboard manual or ARGB controller instructions for detailed customization options.

7. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC components.

7.1 Cleaning the Chassis

- Use a soft, damp cloth to wipe down exterior surfaces. Avoid abrasive cleaners.
- For interior cleaning, use compressed air to remove dust from components and fan blades. Ensure the system is powered off and unplugged before cleaning.

7.2 Dust Filter Maintenance

The XPG VALOR AIR PLUS features removable dust filters (e.g., front, top, bottom). Regularly clean these filters to maintain optimal airflow and prevent dust buildup inside the chassis.

1. Gently remove the dust filters.
2. Clean them with water and mild soap, or use a vacuum cleaner/compressed air.
3. Ensure filters are completely dry before re-installing.

8. TROUBLESHOOTING

This section addresses common issues you might encounter.

8.1 System Does Not Power On

- **Check Power Connections:** Ensure the PSU is properly connected to the wall outlet and the PSU's power switch is ON. Verify all internal power cables (24-pin ATX, CPU, GPU, etc.) are securely connected to the motherboard and components.
- **Front Panel Connections:** Confirm that the Power SW cable from the chassis is correctly connected to the motherboard's front panel header.
- **PSU Functionality:** If possible, test the PSU with another system or use a PSU tester.

8.2 Fans Not Spinning / ARGB Not Lighting Up

- **Fan Power:** Ensure fan power cables are connected to appropriate headers on the motherboard or a fan controller.
- **ARGB Connections:** Verify ARGB cables are connected to a compatible 3-pin 5V ARGB header on the motherboard or an ARGB controller. (Note: Do not connect 5V ARGB to 12V RGB headers).
- **Software/Controller:** Check your motherboard's BIOS/UEFI settings or ARGB software for fan speed and lighting control.

8.3 Poor Airflow / High Temperatures

- **Dust Filters:** Clean all dust filters regularly.
- **Fan Orientation:** Ensure fans are oriented correctly for optimal intake and exhaust airflow.
- **Cable Management:** Improve cable management to reduce obstructions to airflow.

9. SPECIFICATIONS

| | |
|----------------------------|--|
| Model Name | VALORAIRPLUSMTA-WHCWW |
| Case Type | Mid Tower |
| Color | White |
| Material | Metal |
| Dimensions (LxWxH) | 18.98 x 7.87 x 15.75 inches (482 x 200 x 400 mm) |
| Item Weight | 13.42 pounds (6.1 kg) |
| Motherboard Compatibility | Micro ATX, ATX |
| Cooling Method | Air |
| Pre-installed Fans | 4x 120mm ARGB Fans (in select models) |
| USB 3.2 Ports | 2 |
| Power Supply Mounting Type | Bottom Rear Mount |

Note: Specifications are subject to change without prior notice.

10. WARRANTY AND SUPPORT

XPG products are backed by a limited warranty. For detailed warranty terms and conditions, please refer to the official XPG website or the warranty card included with your product.

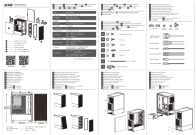
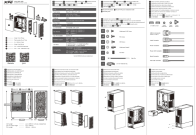


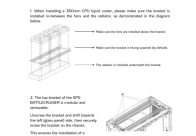

Customer Support

If you encounter any issues or have questions regarding your XPG VALOR AIR PLUS chassis, please contact XPG customer support through their official website. Have your product model number (VALORAIRPLUSMTA-WHCWW) and proof of purchase ready when contacting support.

Visit the [XPG Store on Amazon](#) for more information and products.



Related Documents - VALORAIRPLUSMTA-WHCWW

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|  | <p>XPG VALOR MESH Compact Mid-Tower PC Chassis - Specifications & Guide</p> <p>Detailed specifications, installation guide, safety instructions, and warranty information for the XPG VALOR MESH compact mid-tower PC chassis by ADATA.</p> |
|  | <p>XPG VALOR AIR Compact Mid-Tower Chassis User Manual and Specifications</p> <p>Detailed specifications, dimensions, compatibility, and installation guide for the XPG VALOR AIR compact mid-tower PC chassis. Includes cleaning and safety instructions, warranty information, and multilingual support.</p> |
|  | <p>ADATA XPG INVADER X BTF Mid-Tower PC Chassis Quick Start Guide</p> <p>Concise guide to installing and using the ADATA XPG INVADER X BTF Mid-Tower PC Chassis, covering package contents, specifications, I/O ports, and installation steps.</p> |
|  | <p>XPG BATTLECRUISER FAQ: Installing a 360mm CPU Liquid Cooler</p> <p>This FAQ provides essential guidance for installing a 360mm CPU liquid cooler in the XPG BATTLECRUISER PC chassis, covering bracket placement, modular adjustments, and DRAM clearance.</p> |
|  | <p>XPG MAGE Gaming Keyboard Quick Start Guide</p> <p>Comprehensive quick start guide for the XPG MAGE gaming keyboard, detailing features like Gaming Mode, profile management, customizable LED lighting, N-Key Rollover, and compatibility with XPG PRIME software.</p> |
|  | <p>XPG Sorcerer Mini Gaming Keyboard - Quick Start Guide</p> <p>Comprehensive guide to the XPG Sorcerer Mini Gaming Keyboard, detailing its features, lighting controls, function keys, game profiles, media controls, and software integration for an enhanced gaming experience.</p> |