GAMDIAS ATLAS M1

GAMDIAS ATLAS M1 WH Mid Tower Gaming Computer Case Instruction Manual

Model: ATLAS M1 WH

1. INTRODUCTION

Thank you for choosing the GAMDIAS ATLAS M1 WH Mid Tower Gaming Computer Case. This manual provides essential information for the proper installation, operation, and maintenance of your new PC case. Please read this manual thoroughly before beginning installation to ensure optimal performance and safety.

2. SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before installing or servicing any components inside the case.

- Handle all components with care to prevent damage from static electricity. Consider using an anti-static wrist strap.

- Avoid placing the computer case in direct sunlight, near heat sources, or in areas with high humidity.

- Ensure proper ventilation around the case to prevent overheating.

- Keep small parts and packaging materials away from children.

- Do not attempt to modify the case or its components, as this may void your warranty and pose a safety risk.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- GAMDIAS ATLAS M1 WH Mid Tower Gaming Computer Case

- 3 x 120mm ARGB PWM Fans (pre-installed)

- Accessory Box (screws, cable ties, standoffs, etc.)

- User Manual (this document)

4. PRODUCT OVERVIEW

The GAMDIAS ATLAS M1 WH is a mid-tower gaming case designed for optimal performance and aesthetics. It features a panoramic tempered glass design, integrated RGB lighting, and an optimized cooling architecture.

Figure 4.1: Front view of the GAMDIAS ATLAS M1 WH case with internal components and digital display.

4.1. Digital Display

The case features an embedded monitor that displays real-time system information, including CPU, GPU, and ambient temperatures. Users can switch between display modes via the I/O port or using the ZEUS CAST software.
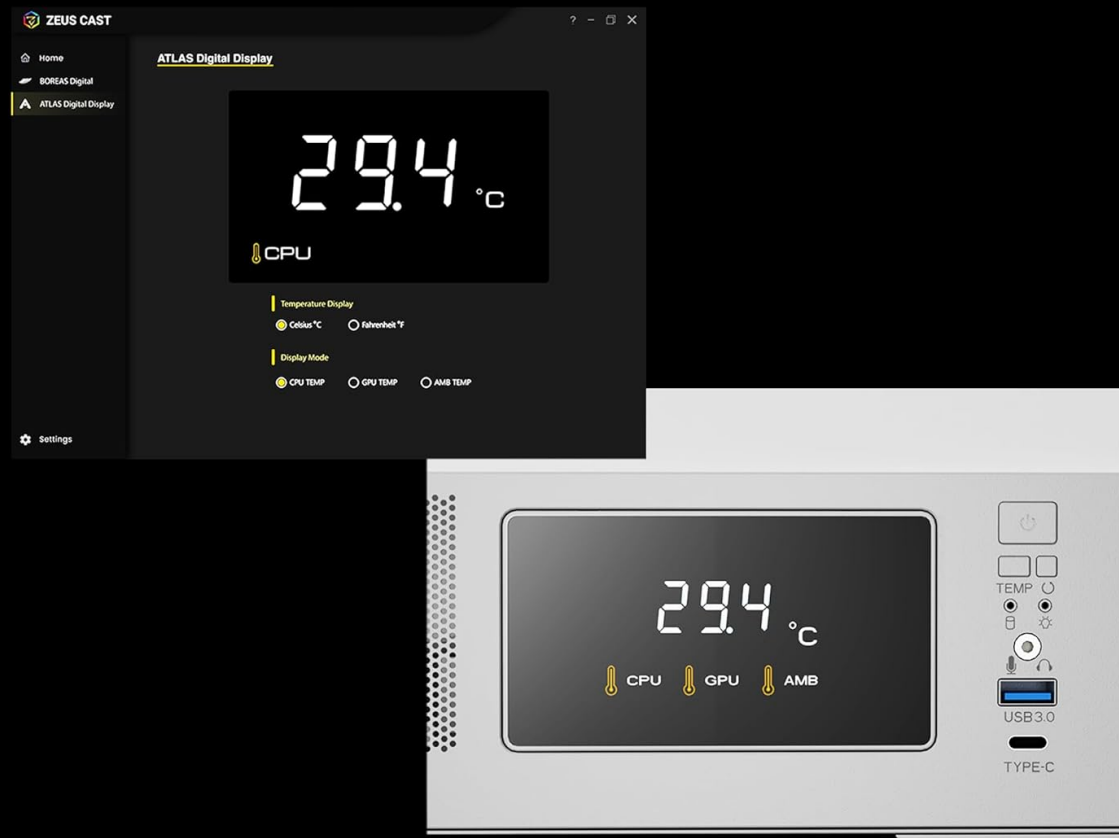

Figure 4.2: Close-up of the digital display showing temperature readings.

4.2. Concise I/O Design

The front I/O panel provides convenient access to essential ports and controls:

- 1 x USB 3.2 Gen 2 Type-C Port (up to 10 Gbps)
- 1 x USB 3.0 Port
- Fan LED Control Button
- Monitor Mode Switch
- Integrated Audio Jack

Figure 4.3: Detailed view of the front I/O panel.

4.3. Interior Accommodation

The ATLAS M1 WH case offers generous space for various components:

- Motherboard Compatibility: ATX, Micro-ATX, Mini-ITX
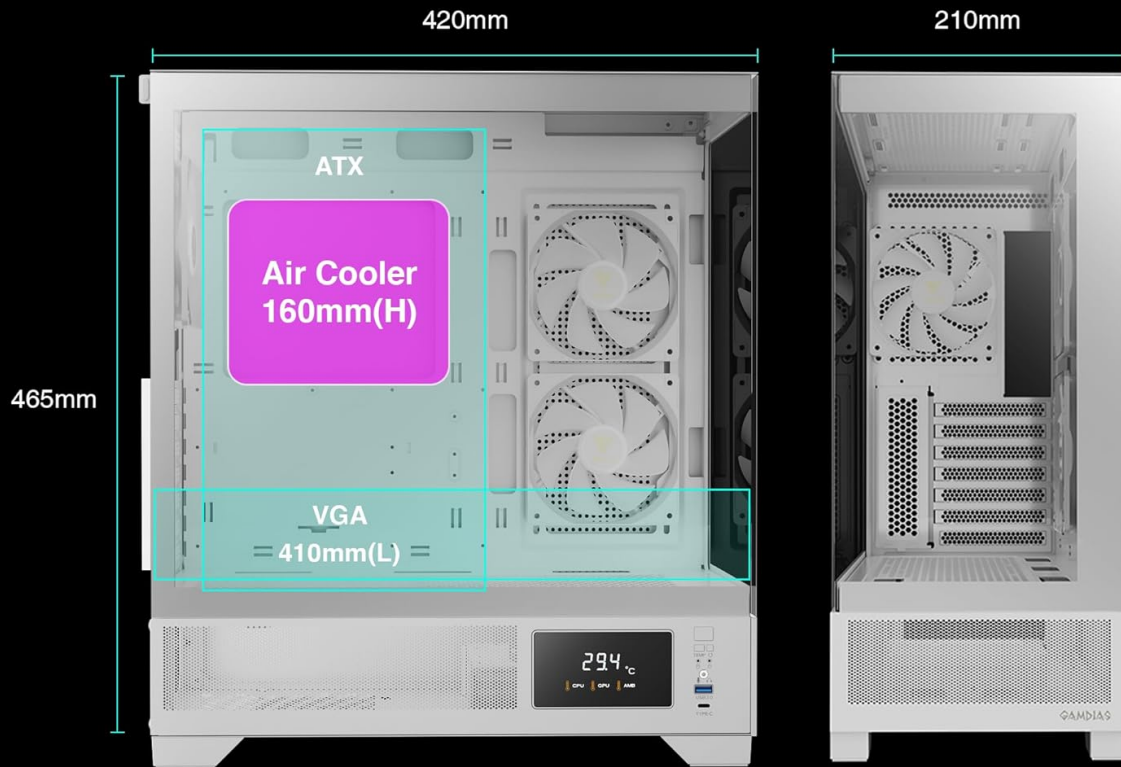- VGA Card Length: Up to 410mm
- Air Cooler Height: Up to 160mm

Figure 4.4: Diagram illustrating interior dimensions and component clearances.

4.4. Storage Compatibility

The case supports flexible storage configurations:

- Up to 4 x 2.5" SSDs
- Alternatively, 3 x 2.5" SSDs + 1 x 3.5" HDD
- PSU Length: Up to 180mm

STORAGE COMPATIBILITY

The ATLAS M1 Series supports installation of up to 4x 2.5" or 3 x 2.5"+1x 3.5" and can accommodate PSU lengths up to 180mm.

Figure 4.5: Internal view highlighting storage drive and power supply unit mounting areas.

4.5. Cooling Support

The ATLAS M1 WH is designed for efficient cooling with support for multiple fans and radiators:

- Up to 6 fans can be installed.
- Radiator Support: Top (up to 360mm/280mm), Side (up to 240mm), Rear (120mm).

Figure 4.6: Cooling configuration options for fans and radiators.

4.6. Built-in ARGB PWM Fans

The case comes with three pre-installed ARGB PWM fans: two 120mm reverse intake fans on the side and one 120mm fan on the rear exhaust. These fans provide excellent airflow and customizable ARGB visuals via the motherboard or the LED control button.

3 BUILT-IN ARGB PWM FANS

The case comes with three ARGB PWM fans, with two preinstalled 120mm reverse intake fans on the side and one 120mm fan on the rear exhaust, providing excellent airflow and stunning ARGB visuals via the motherboard, or LED control button.

Figure 4.7: View of the pre-installed ARGB PWM fans within the case.

4.7. Functionality with Seamless Visuals

The ATLAS M1 series features perforated air vents and seamless tempered glass panels, offering both optimal airflow and stunning visual presentation of your build.

Figure 4.8: The ATLAS M1 series design, highlighting seamless tempered glass panels.

4.8. Product Features Video

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Video 4.1: An overview of the GAMDIAS ATLAS series, demonstrating features such as the one-touch release mechanism for panels, support for back-connect motherboards, inclusion of an additional glass top panel, built-in ARGB fans, rotatable PCIe slots, modular magnetic digital display, and a built-in SATA-powered fan hub. It also illustrates airflow and real-time system monitoring.

5. SETUP

Follow these steps to assemble your computer system within the GAMDIAS ATLAS M1 WH case:

5.1. Preparing the Case

1. Place the case on a stable, flat surface.
2. Remove the tempered glass side panel by gently pulling it open (tool-less design).
3. Remove any internal packaging materials.

5.2. Motherboard Installation

1. Install the I/O shield (if not pre-attached to your motherboard) into the rear opening of the case.

2. Align your ATX, Micro-ATX, or Mini-ITX motherboard with the standoffs inside the case. Ensure the standoffs match your motherboard's form factor.

3. Secure the motherboard with the provided screws.

5.3. Power Supply Unit (PSU) Installation

1. Locate the PSU mounting area at the rear bottom of the case.

2. Slide your PSU into the designated bay.

3. Secure the PSU with screws from the rear of the case.

5.4. Storage Drive Installation

1. For 2.5" SSDs: Mount the drives to the designated SSD trays or mounting points.

2. For 3.5" HDDs: Install the drive into the HDD cage (if applicable) or designated 3.5" mounting points.

3. Secure all drives with the appropriate screws.

5.5. Graphics Card (GPU) Installation

1. Remove the necessary PCIe slot covers from the rear of the case.

2. Insert your GPU into the appropriate PCIe slot on the motherboard.

3. Secure the GPU with screws or the retention clip.

4. The case supports both horizontal and vertical GPU mounting (vertical mount requires a separate riser cable, not included).

5.6. Connecting Cables

1. Connect all power cables from the PSU to the motherboard, GPU, and storage drives.

2. Connect the front panel I/O cables (USB, audio, power switch, reset switch, LED indicators) to their respective headers on the motherboard.

3. Connect the pre-installed fan cables to the motherboard fan headers or the built-in SATA-powered fan hub.

4. Utilize the cable management routes and tie-downs behind the motherboard tray to keep cables organized and improve airflow.

6. OPERATING

6.1. Powering On

Once all components are installed and cables are connected, close the side panel. Connect the power cable to the PSU and a wall outlet, then press the power button on the front I/O panel.

6.2. Digital Display Control

The digital display on the front of the case shows real-time temperature data. Use the dedicated button on

the I/O panel to cycle through CPU temperature, GPU temperature, and ambient temperature displays. For advanced control and customization, install the GAMDIAS ZEUS CAST software.

6.3. ARGB Lighting Control

The pre-installed ARGB fans can be controlled in two ways:

- **Motherboard Sync:** Connect the ARGB cables to a compatible 5V 3-pin ARGB header on your motherboard and use your motherboard's RGB software for synchronization and effects.
- **Case Control:** Use the LED control button on the front I/O panel to cycle through various pre-set lighting effects and colors if not connected to a motherboard ARGB header.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your computer system.

- **Dust Filter Cleaning:** The case includes magnetic dust filters on the top and bottom. Regularly remove and clean these filters with water and mild soap, or simply brush off accumulated dust. Ensure they are completely dry before reattaching.
- **Case Cleaning:** Use a soft, damp cloth to wipe down the exterior of the case. For tempered glass panels, use a glass cleaner and a microfiber cloth to avoid streaks. Avoid abrasive cleaners or solvents.
- **Internal Dust Removal:** Periodically use compressed air to clear dust from internal components, especially fan blades and heatsinks. Ensure the system is powered off and unplugged before performing internal cleaning.

8. TROUBLESHOOTING

If you encounter issues with your GAMDIAS ATLAS M1 WH case, refer to the following common problems and solutions:

- **No Power:**
  - Ensure the PSU is properly connected to the wall outlet and the power switch on the PSU is in the 'ON' position.
  - Verify that the front panel power switch cable is correctly connected to the motherboard header.

- **Fans Not Spinning** / **RGB Not Working:**
  - Check if the fan power cables are securely connected to the motherboard or the fan hub.
  - Ensure the ARGB cables are connected to a compatible 5V 3-pin ARGB header on the motherboard or the case's internal controller.
  - If using motherboard software, ensure it is installed and configured correctly.

- **Digital Display Not Working:**
  - Verify that the display's power and data cables are correctly connected to the motherboard.
  - Ensure the ZEUS CAST software is installed and running.

- **Overheating:**
  - Ensure all case fans are spinning correctly and oriented for optimal airflow (intake/exhaust).

- Clean any dust filters and internal components to improve air circulation.
- Verify that CPU and GPU coolers are properly installed and functioning.

For further assistance, please contact GAMDIAS customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	GAMDIAS
Model Name	ATLAS M1 WH
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Dimensions (LxWxH)	16.54 x 8.27 x 18.31 inches
Item Weight	17.64 pounds
Material	Metal, Tempered Glass
Color	White
Pre-installed Fans	3 x 120mm ARGB PWM Fans
Fan Size	120 Millimeters
Cooling Method	Air
Power Supply Mounting Type	Rear Mount
Number of USB 3.0 Ports	2 (1x USB 3.0, 1x USB 3.2 Gen 2 Type-C)
Max GPU Length	410mm
Max CPU Cooler Height	160mm
Max PSU Length	180mm

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official GAMDIAS website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.
GAMDIAS Official Website: www.gamdias.com