## Abysm Gaming ARIAN FRAME A400

# Abysm Gaming Arian Frame A400 ATX Gaming PC Case Instruction Manual

## 1. INTRODUCTION

Thank you for choosing the Abysm Gaming Arian Frame A400 ATX Gaming PC Case. This manual provides essential information for the proper assembly, operation, and maintenance of your new PC case. Please read these instructions carefully before beginning installation to ensure optimal performance and longevity of your system.

The Arian Frame A400 is designed for high-performance gaming setups, featuring an inclined chassis for enhanced airflow, intelligent ARGB lighting, and extensive compatibility for various components.

## 2. KEY FEATURES

- **Inclined and Aerodynamic Gaming Design:** The unique inclined chassis improves airflow to the PSU and internal components, contributing to efficient cooling.

- **Superior Cooling:** Supports up to 8 x 120mm fans and liquid cooling systems up to 360mm, ensuring your system remains cool under load.

- **Intelligent ARGB Lighting:** Includes 4 ARGB PWM fans with automatic speed control (600–1600 rpm) and premium hydraulic bearings for durability and low noise.

- **Tempered Glass and Clean Cable Management:** Features a tempered glass side panel to showcase your hardware, complemented by an advanced cable management system with hidden channels for aesthetics and improved ventilation.

- **Extreme Compatibility and Modern Connectivity:** Compatible with ATX, Micro-ATX, and Mini-ITX motherboards, graphics cards up to 420mm, CPU coolers up to 182mm, and includes USB 3.0, USB Type-C 3.1, and HD Audio ports.

## 3. SETUP INSTRUCTIONS

Follow these general steps for assembling your PC within the Arian Frame A400 case. Specific component installation may vary based on your hardware.

### 3.1. Preparing the Case

1. Carefully unpack the case and remove all packaging materials.
2. Place the case on a stable, flat surface.
3. Remove the tempered glass side panel by unscrewing the thumb screws and gently pulling it away.

### 3.2. Motherboard Installation

1. Install the I/O shield into the rear opening of the case.
2. Align your ATX, Micro-ATX, or Mini-ITX motherboard with the standoffs inside the case. Ensure all standoffs are correctly positioned for your motherboard size.
3. Secure the motherboard with the provided screws.

### 3.3. Power Supply Unit (PSU) Installation

1. Mount your PSU into its designated compartment at the bottom rear of the case.
2. Secure the PSU with screws from the rear of the case.
3. Route the necessary power cables through the cable management cutouts.

### 3.4. Storage Drive Installation

The case supports both 2.5" SSDs and 3.5" HDDs.

- For 2.5" SSDs: Locate the SSD mounting points on the motherboard tray or dedicated brackets. Secure the SSDs with screws.
- For 3.5" HDDs: Utilize the drive cages typically located near the PSU shroud. Slide the HDDs into the trays and secure them.

Image: Diagram illustrating the installation locations for SSD and HDD storage drives within the PC case.

## 3.5. Graphics Card (GPU) Installation

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

2. Insert your graphics card into the appropriate PCIe slot on the motherboard.

3. Secure the GPU with screws. The case supports GPUs up to 420mm in length.

## 3.6. Cooling System Installation (Fans/Liquid Cooler)

The Arian Frame A400 comes with 4 pre-installed ARGB PWM fans. Additional fans or liquid cooling can be installed.

- **Fans:** The case supports up to 8 x 120mm fans. Install additional fans in designated mounting points (front, top, rear).

- **Liquid Cooling:** Radiators up to 360mm can be installed at the top or front of the case.
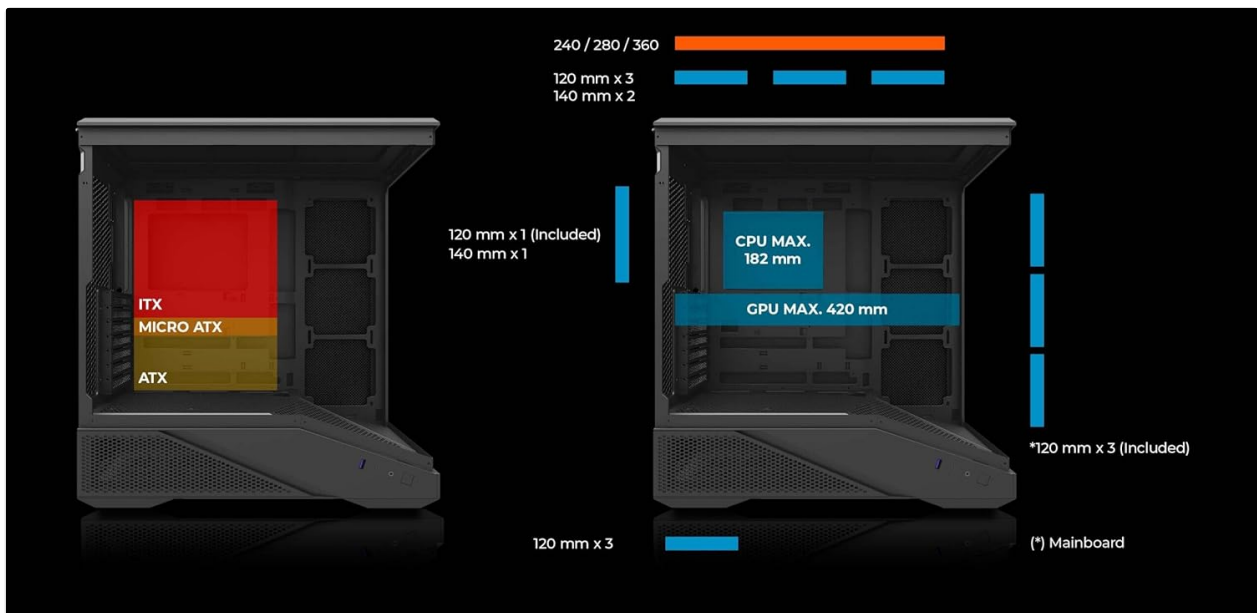
Image: Diagram detailing the maximum dimensions for CPU coolers (182mm), graphics cards (420mm), and various fan/radiator configurations supported by the case.

## 3.7. Cable Management

Utilize the cable routing channels and tie-down points behind the motherboard tray to organize cables. This improves airflow and aesthetics.
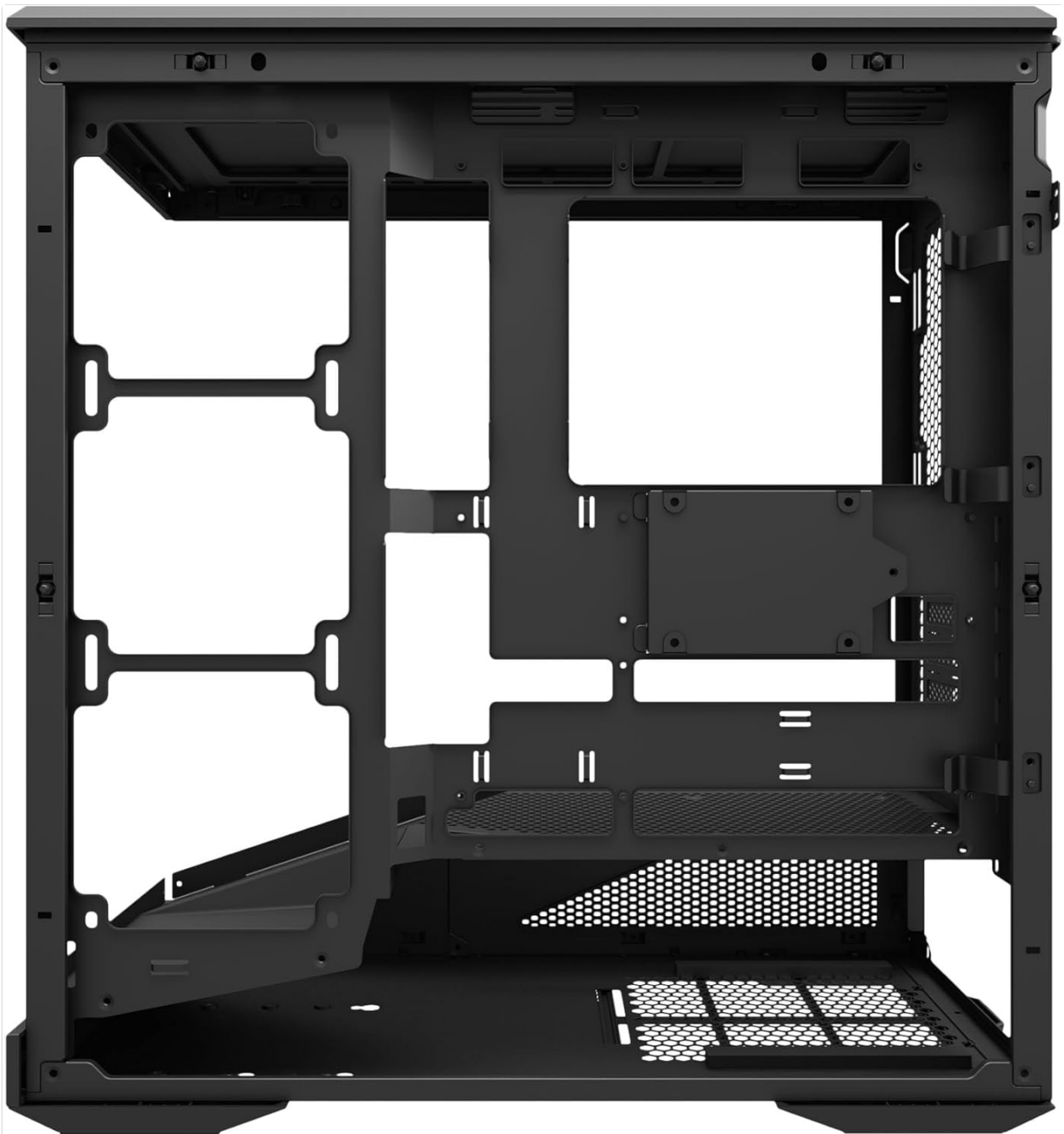
Image: Internal view of the Abysm Gaming Arian Frame A400 case, highlighting the motherboard tray and various cutouts for efficient cable routing.

## 4. OPERATING INSTRUCTIONS

### 4.1. Powering On

Once all components are installed and cables are connected, close the side panel. Connect your monitor, keyboard, mouse, and power cable to the PSU. Press the power button on the front I/O panel to start your system.

### 4.2. ARGB Lighting Control

The included ARGB fans are typically controlled via your motherboard's ARGB software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion). Connect the ARGB cables from the fans to the appropriate headers on your motherboard. Refer to your motherboard manual for specific software instructions.

### 4.3. Fan Speed Control (PWM)

The PWM fans automatically adjust their speed based on system temperature, controlled by your motherboard's fan headers. You can fine-tune fan curves through your motherboard's BIOS/UEFI settings or dedicated software.

# 5. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the lifespan of your PC components.

## 5.1. Dust Filter Cleaning

The Arian Frame A400 includes removable dust filters. Periodically remove and clean these filters to prevent dust buildup inside the case, which can hinder airflow and cooling efficiency.

- Gently slide out the filters.
- Clean them with a soft brush or rinse with water (ensure they are completely dry before reinstallation).

## 5.2. Tempered Glass Panel Cleaning

Use a microfiber cloth and a non-abrasive glass cleaner to clean the tempered glass panel. Avoid harsh chemicals that could damage the glass or coatings.

## 5.3. Internal Dust Removal

Every few months, open the case and use compressed air to gently remove dust from internal components, especially fan blades, heatsinks, and radiator fins.

# 6. TROUBLESHOOTING

If you encounter issues, consider the following common troubleshooting steps:

- **No Power:** Ensure the PSU is switched on, the power cable is securely connected, and all internal power cables (24-pin ATX, 8-pin CPU, GPU power) are properly seated.
- **Fans Not Spinning**/**ARGB Not Working:** Check fan and ARGB cable connections to the motherboard or controller. Verify that ARGB software is correctly configured.
- **Overheating:** Ensure all fans are spinning correctly and dust filters are clean. Verify proper installation of CPU cooler and thermal paste.
- **Front Panel I/O Issues:** Double-check the small front panel header connections to the motherboard (power switch, reset switch, USB, audio).

For persistent issues, consult your component manuals or contact Abysm Gaming support.

# 7. SPECIFICATIONS

| Feature | Specification |
| --- | --- |
| Brand | Abysm Gaming |
| Model Name | ARIAN FRAME A400 |
| Product Dimensions | 44.6 x 23.5 x 48.3 cm |
| Item Weight | 8.18 kg |

| Feature | Specification |
|---|---|
| Model Number | AB123533 |
| Color | Black |
| Material | 0.7 mm SPCC Steel |
| Recommended Uses | Gaming |
| Special Feature | RGB Lighting |
| Compatible Devices | CPU; Desktop Computer |
| Motherboard Support | ATX, Micro-ATX, Mini-ITX |
| Max GPU Length | 420 mm |
| Max CPU Cooler Height | 182 mm |
| Fan Support | Up to 8 x 120mm (4 ARGB PWM included) |
| Liquid Cooling Support | Up to 360mm radiator |
| Front I/O Ports | USB 3.0, USB Type-C 3.1, HD Audio |

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Abysm Gaming website or contact your retailer. Keep your proof of purchase for warranty claims.
You can visit the Abysm Gaming store for more information: Abysm Gaming Store

## Related Documents - ARIAN FRAME A400



**ABYSM Danube Sava H500 II AIR ATX Computer Case - Technical Specifications**
Detailed specifications and features of the ABYSM Danube Sava H500 II Air ATX computer case, including dimensions, cooling compatibility, I/O ports, fan details, and packaging information.



**Abysm SAVA NATURE 285C Computer Case User Manual**
User manual for the Abysm SAVA NATURE 285C computer case, detailing included accessories, dimensions, installation steps for PSU, Motherboard, GPU, SSD, HDD, and fan compatibility, along with important safety information and environmental disposal guidelines.

[ABYSM GAMING AI PRO 100 BLACK WORKSTATION CASE User Manual](#)

User manual for the ABYSM GAMING AI PRO 100 BLACK Workstation Case (Model AB125801), providing safety information, accessory lists, and detailed installation guides for PC components.



[ABYSM GAMING SAVA NATURE 285B Computer Case User Manual](#)

User manual for the ABYSM GAMING SAVA NATURE 285B computer case, detailing accessories, dimensions, installation steps for PSU, motherboard, GPU, SSD, HDD, and fan configurations, along with safety information.



[ABYSM ARIAN FRAME A400 ATX Computer Case Specifications](#)

Explore the detailed specifications of the ABYSM ARIAN FRAME A400 ATX computer case, highlighting its design, cooling capabilities, component compatibility, and build features for PC enthusiasts.



[ABYSM DANUBE SAVA NATURE 285B Black Computer Case Specifications](#)

Detailed technical specifications for the ABYSM DANUBE SAVA NATURE 285B Black computer case. Features include ATX compatibility, extensive cooling options, 410mm GPU clearance, and front I/O ports. Explore the build possibilities with this gaming PC case.