ENDORFY Arx 500 ARGB

ENDORFY Arx 500 ARGB ATX Computer Case (EY2A011) User Manual

Model: Arx 500 ARGB | Model Number: EY2A011

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your ENDORFY Arx 500 ARGB ATX Computer Case. Please read this manual thoroughly before beginning installation to ensure optimal performance and safety.

The ENDORFY Arx 500 ARGB is a high-performance ATX computer case designed for efficient cooling and spacious component compatibility. Key features include:

- Tempered glass side panel for showcasing internal components.
- Spacious interior for easy component installation and cable management.
- Compatibility with various radiator sizes for advanced cooling solutions.
- Airy and easily accessible front panel for optimal airflow.
- Efficient cooling design to maintain low component temperatures.
- Convenient cable management features for a clean build.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the product or injury to yourself.

- **Power Disconnection:** Always disconnect the power supply from the wall outlet before installing or removing any components inside the computer case.
- **Static Electricity:** Wear an anti-static wrist strap or frequently touch a grounded metal object to discharge static electricity before handling internal components.
- **Sharp Edges:** Be cautious of sharp edges inside the case during installation.
- **Tempered Glass:** Handle the tempered glass side panel with care. It is fragile and can break if dropped or subjected to impact. Place it on a soft, flat surface when removed.
- **Ventilation:** Ensure adequate ventilation around the case to prevent overheating. Do not block air vents.
- **Liquid Contact:** Keep the computer case away from liquids and moisture.

3. PACKAGE CONTENTS

Verify that all items are present in your package. If any items are missing or damaged, contact your retailer.

- ENDORFY Arx 500 ARGB ATX Computer Case
- 4 x 140 mm ARGB Fans (pre-installed)
- Accessory Box (containing screws, cable ties, and other mounting hardware)
- User Manual (this document)

Figure 3.1: Exploded view showing the computer case, fans, and various panels.

4. SETUP AND INSTALLATION

Follow these steps to install your components into the ENDORFY Arx 500 ARGB case.

4.1 Preparing the Case

1. **Remove Side Panels:** Carefully remove the tempered glass side panel and the solid metal side panel. Place them on a soft, non-abrasive surface to prevent scratches.

2. **Accessory Box:** Locate the accessory box inside the case, which contains all necessary screws and mounting hardware.

Change your style!
Use the *built-in* controller to easily switch between the backlight modes.

Figure 4.1: The tempered glass side panel allows for a clear view of internal components.

4.2 Motherboard Installation

1. **Install Standoffs:** Ensure the correct standoffs are installed for your ATX motherboard. The case supports ATX motherboards.

2. **Mount Motherboard:** Carefully place your motherboard onto the standoffs and secure it with the provided screws.

Spacious interior

The roomy interior with dedicated cable management space allows for easy *and aesthetic* component installation.

Figure 4.2: The spacious interior provides ample room for motherboard and other component installation.

4.3 Power Supply and Storage Installation

1. **Power Supply:** Install your power supply unit (PSU) into the dedicated bottom mount area. Secure it with screws from the rear of the case.

2. **Storage Drives:** Install your 2.5" SSDs or 3.5" HDDs into the designated drive bays. Refer to the case's internal structure for specific mounting points.

4.4 Graphics Card and Expansion Cards

1. **Remove Slot Covers:** Remove the necessary PCI-E slot covers from the rear of the case.

2. **Install Cards:** Insert your graphics card and other expansion cards into the motherboard's PCI-E slots and secure them with screws.

4.5 Cooling System (Fans and Radiators)

The case comes with 4 pre-installed 140mm ARGB fans. Additional fans or radiators can be installed for enhanced cooling.

- **Fan Capacity:** The case accommodates up to 7 fans.
- **Radiator Compatibility:** The design supports various radiator sizes for liquid cooling solutions.

Top-notch fans
The case accommodates up to 7 fans, including 4 pre-installed Stratus 140 PWM co-designed with Synergy Cooling.

Figure 4.3: The case features pre-installed 140mm ARGB fans for optimal airflow.
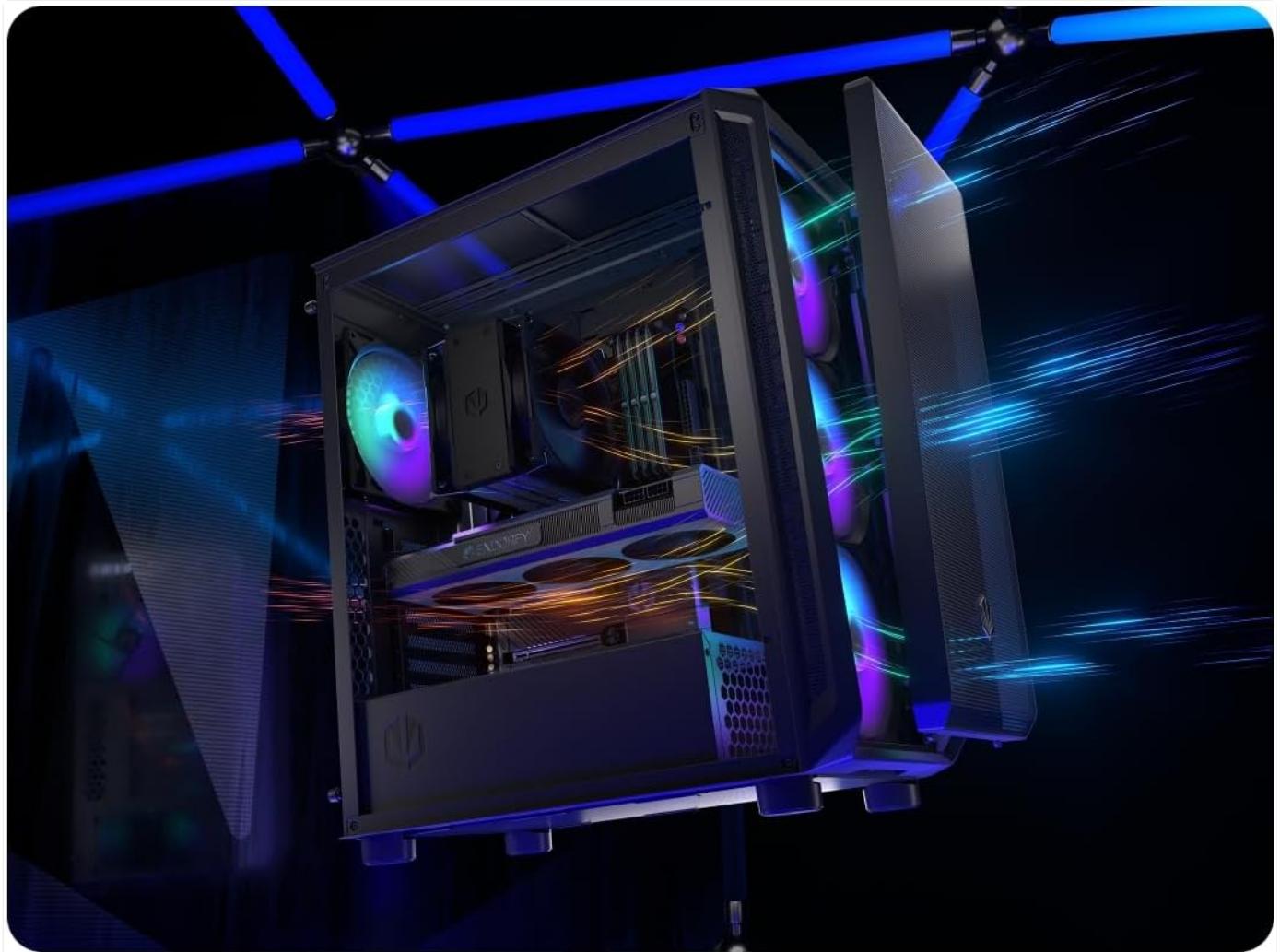
Maximum airflow

Perforated front and top ensure maximum airflow and dust protection.

Figure 4.4: Perforated front and top panels ensure maximum airflow and dust protection.

4.6 Cable Management

Utilize the dedicated cable management space and tie-down points behind the motherboard tray to route and secure cables for a clean build and improved airflow.

4.7 Front I/O Panel Connections

Connect the front panel cables (USB, audio, power, reset, LEDs) to the corresponding headers on your motherboard. Refer to your motherboard manual for header locations.
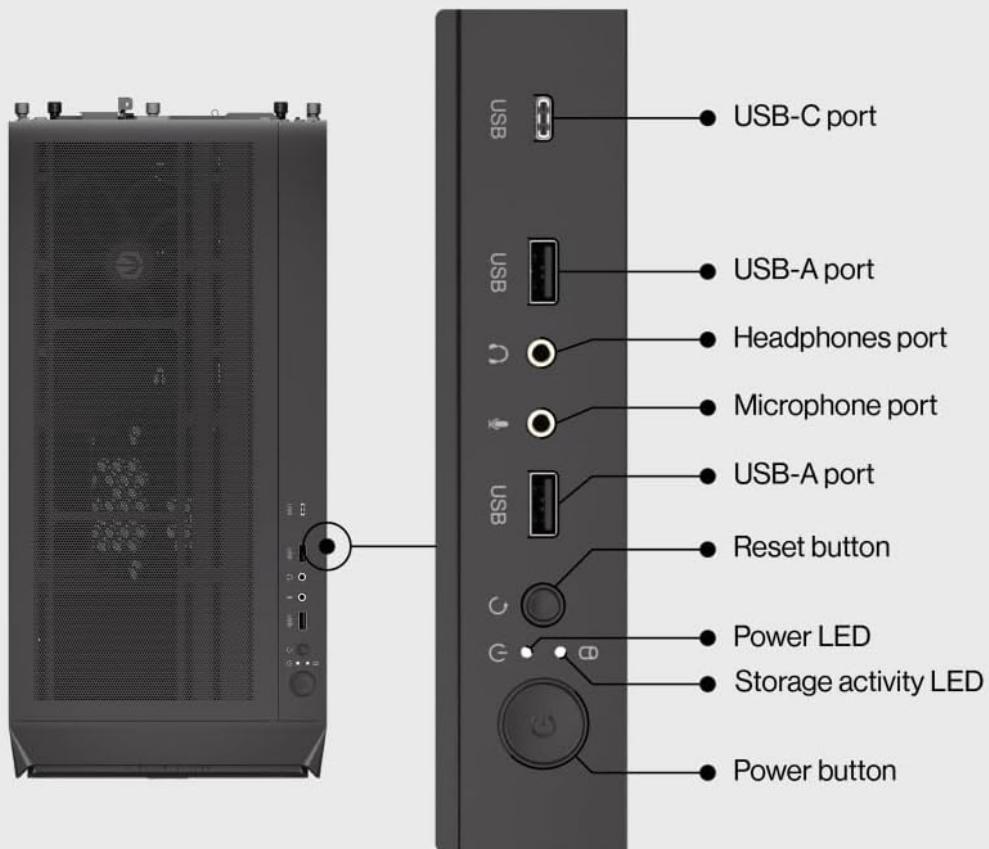
Designed for your convenience

Essentials close at hand – two USB-A ports, one USB-C port, a headphone jack, and a microphone output.

Figure 4.5: Front I/O panel with USB-C, USB-A, headphone, microphone, reset, and power buttons/LEDs.

- **USB-C Port:** Connects to a USB 3.x Type-C header on your motherboard.
- **USB-A Ports:** Connects to USB 3.x and USB 2.0 headers on your motherboard.
- **Headphones Port:** Connects to the audio header on your motherboard.
- **Microphone Port:** Connects to the audio header on your motherboard.
- **Reset Button:** Connects to the reset header on your motherboard.
- **Power LED:** Connects to the power LED header on your motherboard.
- **Storage Activity LED:** Connects to the HDD LED header on your motherboard.
- **Power Button:** Connects to the power switch header on your motherboard.

5. OPERATING INSTRUCTIONS

Once all components are installed and connected, you can power on your system.

1. **Power On:** Press the Power Button on the front I/O panel to turn on your computer. The Power LED will illuminate.

2. **ARGB Fan Control:** The pre-installed ARGB fans can be controlled via a built-in controller or synchronized with compatible motherboard software. Use the built-in controller to switch between various backlight modes.

Figure 5.1: The ARGB fans offer customizable lighting effects, controlled via the built-in controller.

6. MAINTENANCE

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

- **Dust Filters:** Periodically remove and clean the dust filters located on the front, top, and bottom of the case. Use compressed air or a soft brush to remove accumulated dust.
- **Exterior Cleaning:** Wipe the exterior surfaces of the case with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Interior Cleaning:** With the system powered off and unplugged, use compressed air to gently remove dust from internal components and fan blades.
- **Tempered Glass:** Clean the tempered glass panel with a microfiber cloth and a glass cleaner designed for electronics.

7. TROUBLESHOOTING

If you encounter issues with your computer case, refer to the following common troubleshooting steps.

- **System Not Powering On:**
  - Ensure the power supply is properly connected to the wall outlet and switched on.
  - Verify all power cables from the PSU are correctly connected to the motherboard and components.
  - Check that the front panel power button cable is correctly connected to the motherboard's power header.

- **Fans Not Spinning/ARGB Not Lighting Up:**
  - Ensure fan power cables are securely connected to the fan hub or motherboard headers.

- Verify ARGB cables are connected to the built-in controller or motherboard ARGB header.
- Check the built-in controller or motherboard software for fan speed and lighting settings.

- **Front USB/Audio Ports Not Working:**
  - Confirm that the front panel USB and audio cables are correctly connected to the corresponding headers on your motherboard.
  - Ensure motherboard drivers for USB and audio are installed.

If problems persist, consult your motherboard manual or contact ENDORFY customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	ENDORFY
Series	Arx 500 ARGB
Model Number	EY2A011
Case Type	Midi Tower
Motherboard Compatibility	ATX
Dimensions (LxWxH)	16.89 x 8.98 x 19.13 inches (429 x 228 x 486 mm)
Item Weight	16.5 pounds
Material	Tempered Glass (side panel)
Cooling Method	Air
Included Fans	4 x 140 mm ARGB fans
Fan Size	140 Millimeters
Power Supply Mounting Type	Bottom Mount
Front I/O Ports	2x USB 2.0, 1x USB-C, 1x Headphone, 1x Microphone, Reset Button, Power Button

Figure 8.1: Front dimensions (228 mm width).

Tempered glass panel
The eye-catching tempered glass side panel
beautifully showcases the components.

Figure 8.2: Side dimensions (429 mm depth, 486 mm height).

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please visit the official ENDORFY website or contact your local retailer.

Visit the ENDORFY Store on Amazon