

KRUX Empero

KRUX Empero ATX PC Case User Manual

Model: Empero

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your KRUX Empero ATX PC Case. Please read this manual thoroughly before beginning assembly to ensure proper installation and safe operation. The KRUX Empero case is designed to accommodate ATX motherboards and offers extensive cooling options and component compatibility.



Figure 1: Front-side view of the KRUX Empero ATX PC Case, showcasing its glass panels and pre-installed ARGB fans.

2. PRODUCT FEATURES

- **Four 120mm ARGB PWM Fans:** Pre-installed for efficient cooling and customizable lighting.
- **ARGB Controller Splitter:** Manages fan lighting and synchronization.
- **Glass Panels:** Front and side tempered glass panels provide an unobstructed view of internal components.
- **Dual Chamber Design:** Separates the power supply and storage drives from the main components for improved airflow and aesthetics.
- **Liquid Cooler Compatibility:** Supports 120mm, 240mm, 280mm, and 360mm liquid cooling radiators.
- **Modern Front I/O:** Includes a USB-C port, USB 3.0 port, and audio jacks for convenient connectivity.
- **GPU Clearance:** Accommodates graphics cards up to 420mm in length.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- KRUX Empero ATX PC Case
- 4 x 120mm ARGB PWM Fans (pre-installed)

- ARGB Controller Splitter (pre-installed)
- Accessory Box (screws, cable ties, standoffs)
- User Manual

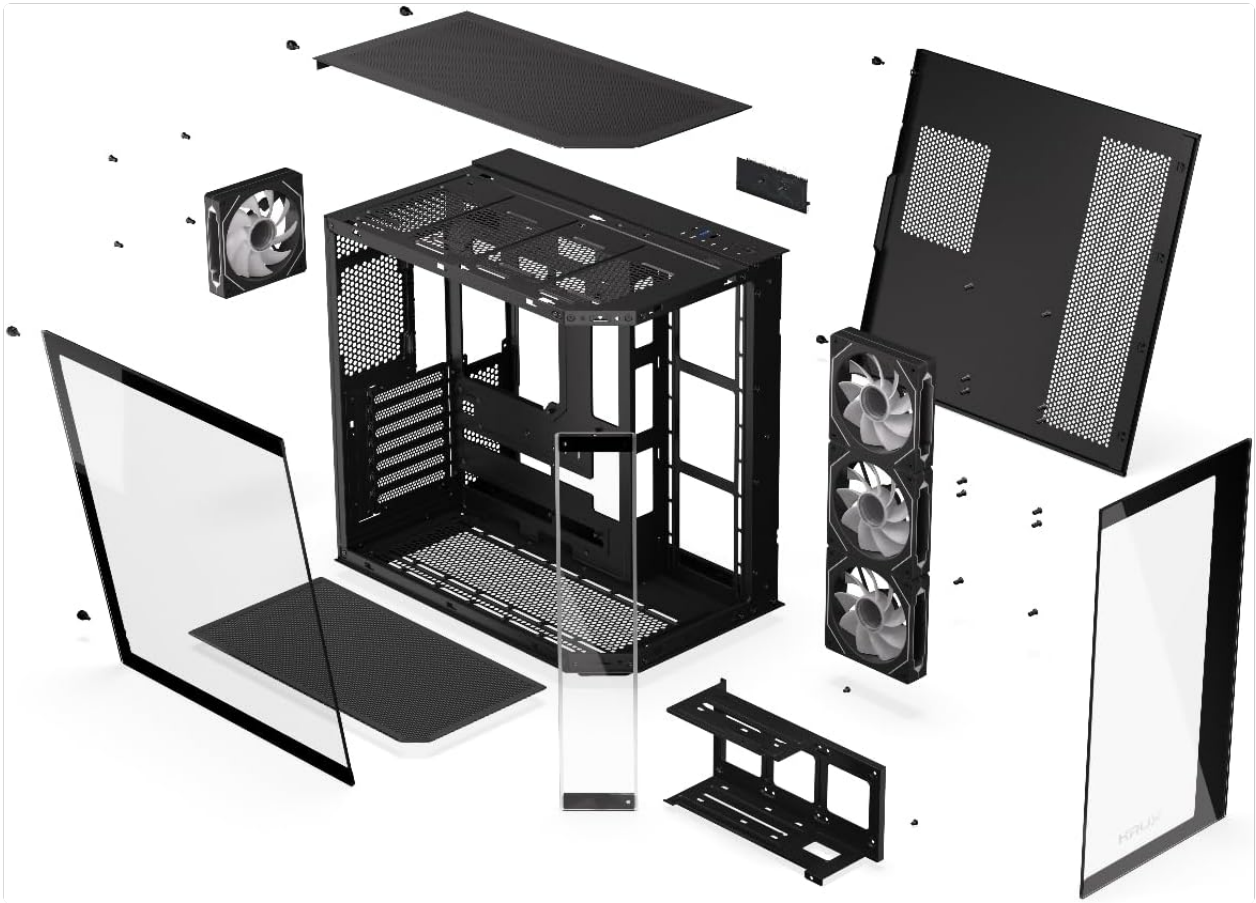


Figure 2: Exploded view illustrating the various components of the KRUX Empero PC case, including panels, frame, and fans.

4. SETUP AND INSTALLATION

Follow these steps for proper component installation.

4.1 Removing Panels

1. Carefully remove the tempered glass side panel by unscrewing the thumb screws at the rear of the case.
2. Remove the front glass panel if necessary for fan or radiator installation.

4.2 Motherboard Installation

1. Install the I/O shield into the rear opening of the case.
2. Align your ATX motherboard with the pre-installed standoffs.
3. Secure the motherboard using the provided screws.

4.3 Power Supply Unit (PSU) Installation

The KRUX Empero features a dual-chamber design. The PSU is installed in the rear chamber.

1. Mount the PSU to the PSU bracket, typically located at the rear bottom of the case.
2. Slide the PSU with its bracket into the designated compartment and secure it with screws.

4.4 Storage Drive Installation

The case supports multiple storage drives. Refer to the case interior for specific mounting points for 2.5" SSDs and 3.5" HDDs.

1. Secure 2.5" SSDs to the dedicated mounting plates, often found behind the motherboard tray.
2. Install 3.5" HDDs into the drive cages, usually located in the PSU shroud area.

4.5 Graphics Card (GPU) Installation

The case supports GPUs up to 420mm in length.

1. Remove the necessary PCIe slot covers at the rear of the case.
2. Insert the GPU into the appropriate PCIe slot on your motherboard.
3. Secure the GPU with screws.

4.6 Cooling System Installation

The case comes with four 120mm ARGB PWM fans pre-installed. Additional fans or liquid coolers can be added.

- **Fans:** The case supports various fan configurations. Ensure proper airflow direction (intake/exhaust).
- **Liquid Coolers:** Radiators up to 360mm can be mounted. Consult your liquid cooler's manual for specific installation steps.



Figure 3: Interior view of the KRUX Empero case with the side panel removed, highlighting the spacious layout for components and cooling solutions.

4.7 Front I/O Connections

Connect the front panel cables to your motherboard according to your motherboard's manual.

- **USB-C:** Connect the USB-C header cable to your motherboard's USB 3.2 Gen 2 header.
- **USB 3.0:** Connect the USB 3.0 header cable to your motherboard's USB 3.0 header.

- **USB 2.0:** Connect the USB 2.0 header cable to your motherboard's USB 2.0 header.
- **HD Audio:** Connect the HD Audio cable to your motherboard's audio header.
- **Power SW, Reset SW, HDD LED, Power LED:** Connect these small connectors to the corresponding pins on your motherboard's front panel header.
- **LED Button:** Connect the LED button cable to the ARGB controller for lighting control.



Figure 4: Close-up of the top-front I/O panel, featuring USB-C, USB 3.0, audio ports, and control buttons.

5. OPERATING INSTRUCTIONS

5.1 Powering On

Once all components are installed and cables are connected, press the power button on the front I/O panel to start your system.

5.2 ARGB Fan Control

The pre-installed ARGB fans are connected to a controller. Use the dedicated LED button on the front I/O panel to cycle through various lighting modes and colors. For advanced control, connect the controller to your motherboard's ARGB header (if available) and use the motherboard's software.

6. MAINTENANCE

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

- **Dust Filters:** The KRUX Empero case includes removable dust filters. Periodically remove and clean these filters with compressed air or water (ensure they are completely dry before reinstallation).
- **Glass Panels:** Clean tempered glass panels with a soft, lint-free cloth and a glass cleaner. Avoid abrasive materials that could scratch the surface.
- **Interior Cleaning:** Use compressed air to remove dust from internal components and fan blades. Ensure the system is powered off and unplugged before cleaning.

7. TROUBLESHOOTING

If you encounter issues during or after installation, consider the following common troubleshooting steps:

- **No Power:** Ensure the PSU is switched on, all power cables (24-pin, 8-pin CPU, GPU PCIe) are securely connected, and the front panel power switch cable is correctly attached to the motherboard.
- **Fans Not Spinning/No ARGB:** Check fan power connections to the motherboard or controller. Verify ARGB cables are properly connected to the controller and/or motherboard header.
- **No Display:** Confirm the monitor cable is connected to the graphics card (not the motherboard's integrated graphics port, unless using integrated graphics). Reseat the graphics card and RAM modules.
- **USB Ports Not Working:** Ensure the front panel USB 3.0 and USB-C cables are correctly connected to the motherboard headers.

8. SPECIFICATIONS

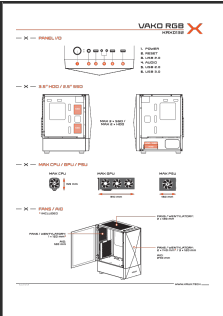
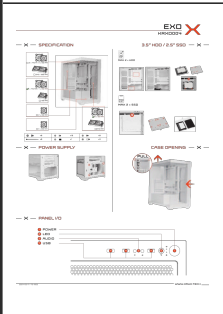
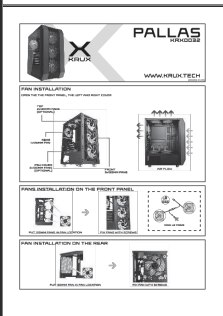
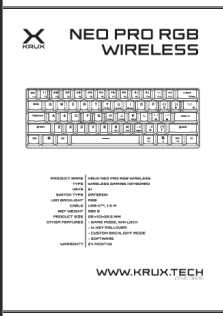


Feature	Specification
Brand	KRUX
Model Name	Empero
Motherboard Compatibility	ATX
Case Type	Tower
Colour	Black
Material	Metal, Tempered Glass
Item Weight	7.5 Kilograms
Product Dimensions (D x W x H)	42.6 x 27.7 x 44.3 cm
Pre-installed Fans	4 x 120mm ARGB PWM
Liquid Cooler Support	120/240/280/360mm
Max GPU Length	420mm
Front I/O Ports	1 x USB-C, 1 x USB 3.0, Audio In/Out

9. WARRANTY AND SUPPORT

Specific warranty information for the KRUX Empero ATX PC Case is not provided in this document. For

detailed warranty terms, technical support, or further assistance, please refer to the official KRUX website or contact your retailer.

Related Documents - Empero

	<p>Krux VAKO RGB KRX0132 PC Case - Specifications and Warranty</p> <p>Detailed specifications and warranty information for the Krux VAKO RGB KRX0132 PC case, including component compatibility, cooling options, and usage guidelines.</p>
	<p>KRUX EXO KRXD004 PC Case: Specifications, Features, and Warranty</p> <p>Detailed specifications, storage options, cooling support, and warranty information for the KRUX EXO KRXD004 PC case. Learn about its features, panel I/O, and safety guidelines.</p>
	<p>KRUX PALLAS KRX0032 PC Case Installation Guide</p> <p>Detailed installation guide for the KRUX PALLAS KRX0032 PC case, covering fan, storage, PSU, motherboard, and GPU installation, along with front panel connections.</p>
	<p>KRUX Neo Pro RGB Wireless Gaming Keyboard - User Manual and Features</p> <p>Comprehensive guide to the KRUX Neo Pro RGB Wireless gaming keyboard. Covers specifications, setup, wireless connectivity, charging, backlight customization, key functions, OS switching, and warranty information.</p>
	<p>Krux EDIS 1000 USB Microphone User Guide</p> <p>User guide for the Krux EDIS 1000 USB Microphone, including installation, technical specifications, and warranty information.</p>
	<p>Krux KX0-8400 Office Wireless Set - User Guide and Specifications</p> <p>Official user guide for the Krux KX0-8400 Office Wireless Set, detailing connections, battery information, key functions, warranty, and mouse layout. Includes technical specifications and usage guidelines.</p>
