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› [ZEBRONICS](#) /

› ZEBRONICS ICEBERG Premium Gaming Chassis User Manual

## ZEBRONICS Zeb-Iceberg

# ZEBRONICS ICEBERG Premium Gaming Chassis User Manual

Model: Zeb-Iceberg Black

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your ZEBRONICS ICEBERG Premium Gaming Chassis. Please read this manual thoroughly before beginning assembly to ensure proper setup and safe usage. This chassis is designed to support mATX and Mini ITX motherboards and features a wraparound tempered glass design with pre-installed multicolor LED ring fans for optimal cooling and aesthetics.

## 2. PRODUCT FEATURES

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- **Wraparound Tempered Glass:** Front and side panels feature tempered glass for enhanced visual appeal and component visibility.
- **Motherboard Compatibility:** Supports mATX and Mini ITX motherboard form factors.
- **Pre-installed Cooling:** Equipped with 5 pre-installed 120mm multicolor LED ring fans (one at the rear, two at the bottom, and two at the top) for efficient airflow.
- **Front Panel Connectivity:** Includes 1x USB 3.0 port, 2x USB 2.0 ports, and dedicated microphone and headphone jacks for convenient peripheral access.
- **Expansion Slots:** Features 4 expansion slots for add-on cards.
- **Component Support:** Accommodates graphics cards up to 255mm in length and CPU coolers up to 165mm in height.
- **Bottom-Mounted PSU:** Power supply unit installs at the bottom of the chassis.
- **Dust Filtration:** Includes a top magnetic dust filter and a detachable bottom dust filter for easy maintenance.
- **Cable Management:** Designed for effective cable organization to maintain a clean interior and improve airflow.

## 3. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- ZEBRONICS ICEBERG Gaming Chassis
- 5 x 120mm Multicolor LED Ring Fans (pre-installed)

- Accessory Kit (screws, standoffs, cable ties)
- User Manual (this document)

## 4. SAFETY INFORMATION

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Observe the following safety precautions during installation and operation:

- Always disconnect the power supply from the wall outlet before installing or removing any components.
- Handle tempered glass panels with care to prevent breakage.
- Avoid touching internal components unnecessarily to prevent electrostatic discharge (ESD) damage. Use an anti-static wrist strap if available.
- Ensure proper ventilation around the chassis to prevent overheating.
- Keep the chassis away from liquids and excessive humidity.
- Do not attempt to modify the chassis or its components, as this may void your warranty and pose safety risks.

## 5. SETUP AND INSTALLATION

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Follow these steps to assemble your computer system within the chassis.

### 5.1 Preparing the Chassis

1. Carefully remove the tempered glass side panel by unscrewing the thumb screws at the rear.
2. Lay the chassis on its side on a stable, flat surface.

## 5 Pre-installed multicolor LED ring fans 5 x 120mm fan (Top & Rear)



Image: Front and side view of the ZEBRONICS ICEBERG Gaming Chassis, showcasing the tempered glass design and pre-installed fans.

### 5.2 Motherboard Installation

1. Install the I/O shield (if applicable) into the rear opening of the chassis.
2. Align your mATX or Mini ITX motherboard with the standoffs inside the chassis.
3. Secure the motherboard using the provided screws. Ensure not to overtighten.

# Supports mATX/Mini ITX



Image: Internal view of the chassis highlighting motherboard compatibility for mATX and Mini ITX form factors.

## 5.3 Power Supply Unit (PSU) Installation

1. Position the PSU into the dedicated compartment at the bottom rear of the chassis.
2. Secure the PSU with screws from the rear of the chassis.

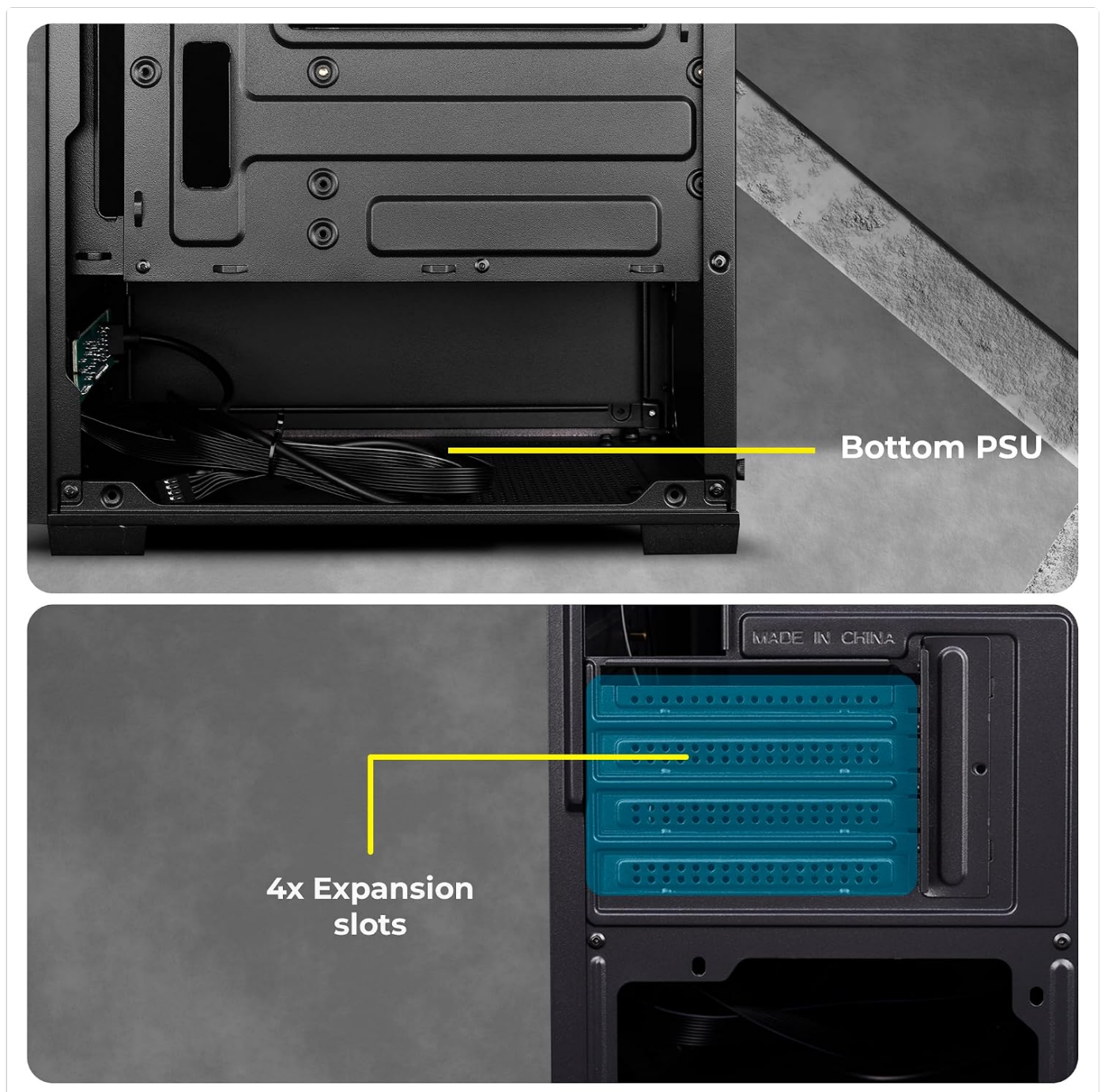


Image: Detailed view of the bottom-mounted PSU area and the 4 expansion slots at the rear of the chassis.

## 5.4 Graphics Card and Expansion Card Installation

1. Remove the necessary expansion slot covers from the rear of the chassis.
2. Insert your graphics card or other expansion cards into the appropriate PCIe slots on your motherboard.
3. Secure the cards with screws. The chassis supports graphics cards up to 255mm in length.

## 5.5 CPU Cooler Installation

Install your CPU cooler according to its manufacturer's instructions. The chassis supports CPU coolers up to 165mm in height.

## 5.6 Connecting Front Panel I/O

Connect the front panel cables (USB 3.0, USB 2.0, HD Audio, Power Switch, Reset Switch, Power LED, HDD LED, RGB LED Control Switch) to the corresponding headers on your motherboard. Refer to your motherboard manual for header locations.

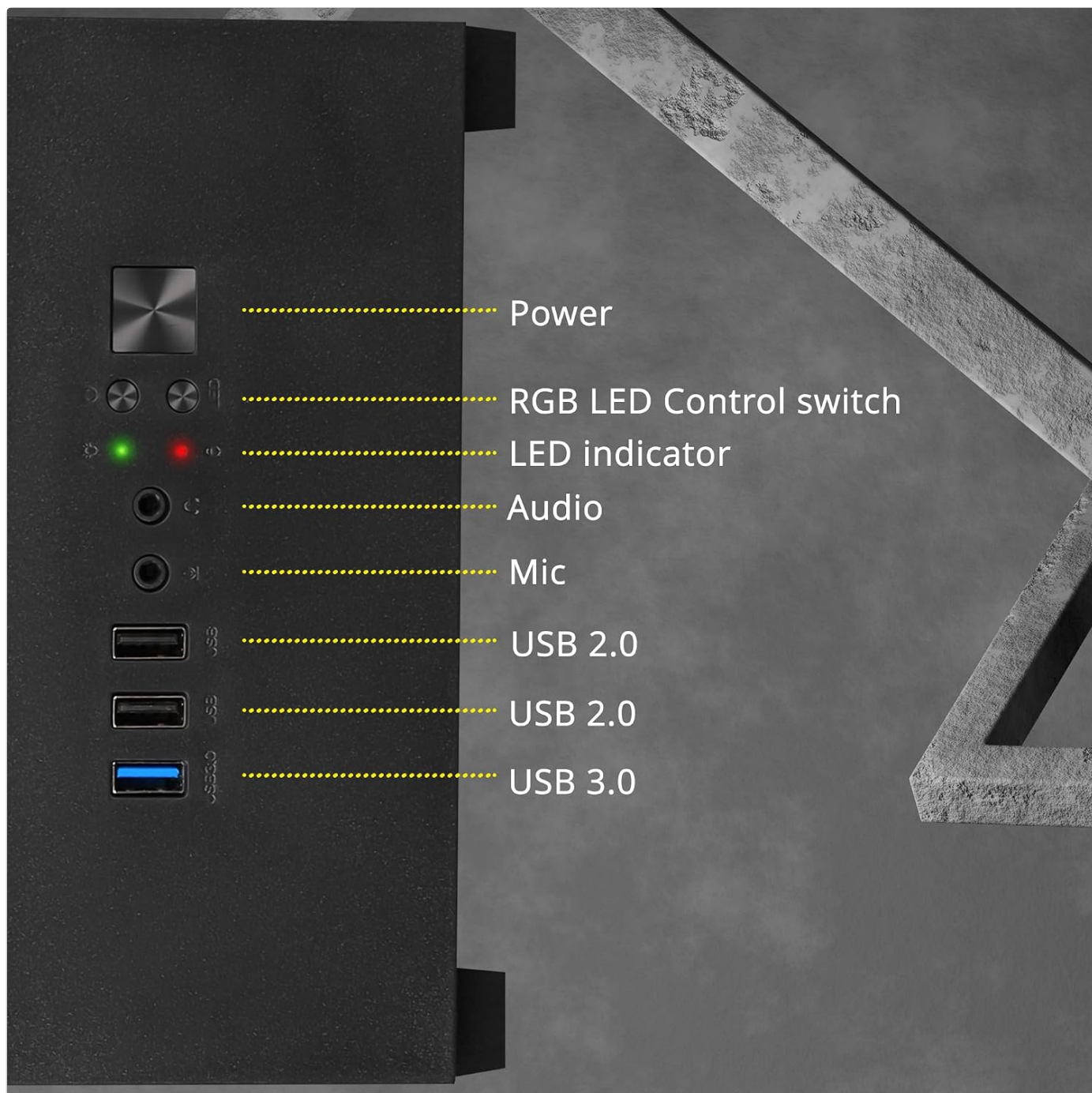


Image: Close-up view of the front panel connectivity, including Power button, RGB LED Control switch, LED indicators, Audio, Mic, USB 2.0, and USB 3.0 ports.

## 5.7 Fan Connections

The 5 pre-installed 120mm multicolor LED ring fans are typically pre-wired. Ensure they are connected to appropriate fan headers or directly to the power supply if they use Molex connectors. The chassis is designed for optimal airflow with these fans.

# Optimized design for airflow



Image: Diagram illustrating the optimized airflow design within the chassis, with intake and exhaust fan positions.



## Multicolor LED ring fans



Image: The multicolor LED ring fans illuminated, showcasing the aesthetic lighting effect within the chassis.

### 5.8 Cable Management

Utilize the cable routing cutouts and tie-down points behind the motherboard tray to organize cables. This improves airflow and maintains a clean interior appearance.

### 5.9 Final Assembly

Once all components are installed and cables are managed, reattach the tempered glass side panel and secure it with the thumb screws.

## 6. OPERATING INSTRUCTIONS

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After completing the setup, connect your monitor, keyboard, mouse, and power cable to the system. Press the power button on the front panel to turn on your computer. The pre-installed LED fans will illuminate, providing both cooling and visual effects.

Use the RGB LED Control switch on the front panel to cycle through available lighting modes or turn off the fan LEDs, if

supported by the fan controller.

## 7. MAINTENANCE

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Regular maintenance helps ensure optimal performance and longevity of your chassis.

- **Dust Filters:** The chassis includes a top magnetic dust filter and a detachable bottom dust filter. Regularly remove and clean these filters to prevent dust buildup and maintain airflow.
- **Interior Cleaning:** Periodically open the chassis and use compressed air to remove dust from internal components and fan blades. Ensure the system is powered off and unplugged before cleaning.
- **Exterior Cleaning:** Wipe the exterior surfaces, including tempered glass panels, with a soft, damp cloth. Avoid abrasive cleaners.

Front & Side wraparound tempered glass

Heavy duty structure

Top magnetic dust filter



Image: View of the top magnetic dust filter, designed for easy removal and cleaning.

## 8. TROUBLESHOOTING

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If you encounter issues, refer to the following common troubleshooting tips:

- **System Not Powering On:**
  - Ensure the power cable is securely connected to both the PSU and the wall outlet.
  - Verify that the PSU switch is in the 'ON' position.
  - Check all front panel header connections to the motherboard, especially the power switch pins.
  - Confirm the motherboard 24-pin and CPU 4/8-pin power connectors are securely seated.
- **Fans Not Spinning/LEDs Not Lighting Up:**
  - Check fan power connections. Ensure they are properly connected to the motherboard fan headers or directly to the PSU.
  - Verify the RGB LED Control switch connection to the motherboard (if applicable).
  - Some fans may have specific power requirements; ensure adequate power delivery.
- **Limited Space for Components:**
  - The chassis is compact. Ensure your components (e.g., CPU cooler, graphics card) adhere to the maximum supported dimensions (CPU cooler height: 165mm, GPU length: 255mm).
  - For larger components, careful planning and component selection are necessary.
- **Poor Airflow/Overheating:**
  - Ensure all 5 pre-installed fans are operational and correctly oriented for optimal intake and exhaust.
  - Clean dust filters regularly.
  - Verify that cables are managed to avoid obstructing airflow.

## 9. SPECIFICATIONS

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| Feature                   | Detail                                                                |
|---------------------------|-----------------------------------------------------------------------|
| Brand                     | ZEBRONICS                                                             |
| Model Number              | Zeb-Iceberg Black                                                     |
| Motherboard Compatibility | mATX, Mini ITX                                                        |
| Case Type                 | Mid Tower                                                             |
| Dimensions (LxWxH)        | 24 x 44 x 35 cm                                                       |
| Item Weight               | 3.2 kg                                                                |
| Pre-installed Fans        | 5 x 120mm Multicolor LED Ring Fans (1 rear, 2 bottom, 2 top)          |
| Front I/O Ports           | 1x USB 3.0, 2x USB 2.0, Mic, Headphone, Power, RGB LED Control Switch |
| Expansion Slots           | 4                                                                     |
| Max GPU Length            | 255mm                                                                 |
| Max CPU Cooler Height     | 165mm                                                                 |

|              |                                      |
|--------------|--------------------------------------|
| Dust Filters | Top Magnetic, Bottom Detachable      |
| Material     | Tempered Glass (front & side), Metal |

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ZEBRONICS website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.  
**ZEBRONICS Official Website:** [www.zebronics.com](http://www.zebronics.com)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question