

## KEDIERS K4

# KEDIERS K4 ATX Mid Tower PC Case

## Instruction Manual

### 1. INTRODUCTION

The KEDIERS K4 ATX Mid Tower PC Case is designed to provide a robust and aesthetically pleasing enclosure for your computer components. Featuring a panoramic design with 270° wide-angle tempered glass panels, it offers a clear view of your internal hardware. This case comes with four pre-installed 120mm fans for optimized airflow, including three intake fans and one exhaust fan. It supports a wide range of motherboard sizes and offers ample space for various components, ensuring both performance and visual appeal for your office or gaming environment.



Figure 1.1: KEDIERS K4 PC Case with internal components and vibrant RGB lighting.

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Video 1.1: An overview of the KEDIERS K4 PC Case, showcasing its design, internal layout, and pre-installed fans with RGB lighting.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the PC case. Failure to do so may result in personal injury or damage to the product or other components.

- **Electrical Safety:** Always disconnect power from all components before installing or removing any parts from

the PC case.

- **Handling Tempered Glass:** The case features tempered glass panels. Handle them with care to prevent breakage. Avoid impacts or dropping the glass.
- **Sharp Edges:** Be cautious of sharp edges inside the case during installation to avoid cuts.
- **Ventilation:** Ensure proper ventilation around the PC case to prevent overheating. Do not block air vents.
- **Static Electricity:** Discharge static electricity from your body before handling sensitive electronic components by touching a grounded metal object.

### 3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact KEDIERS customer support.

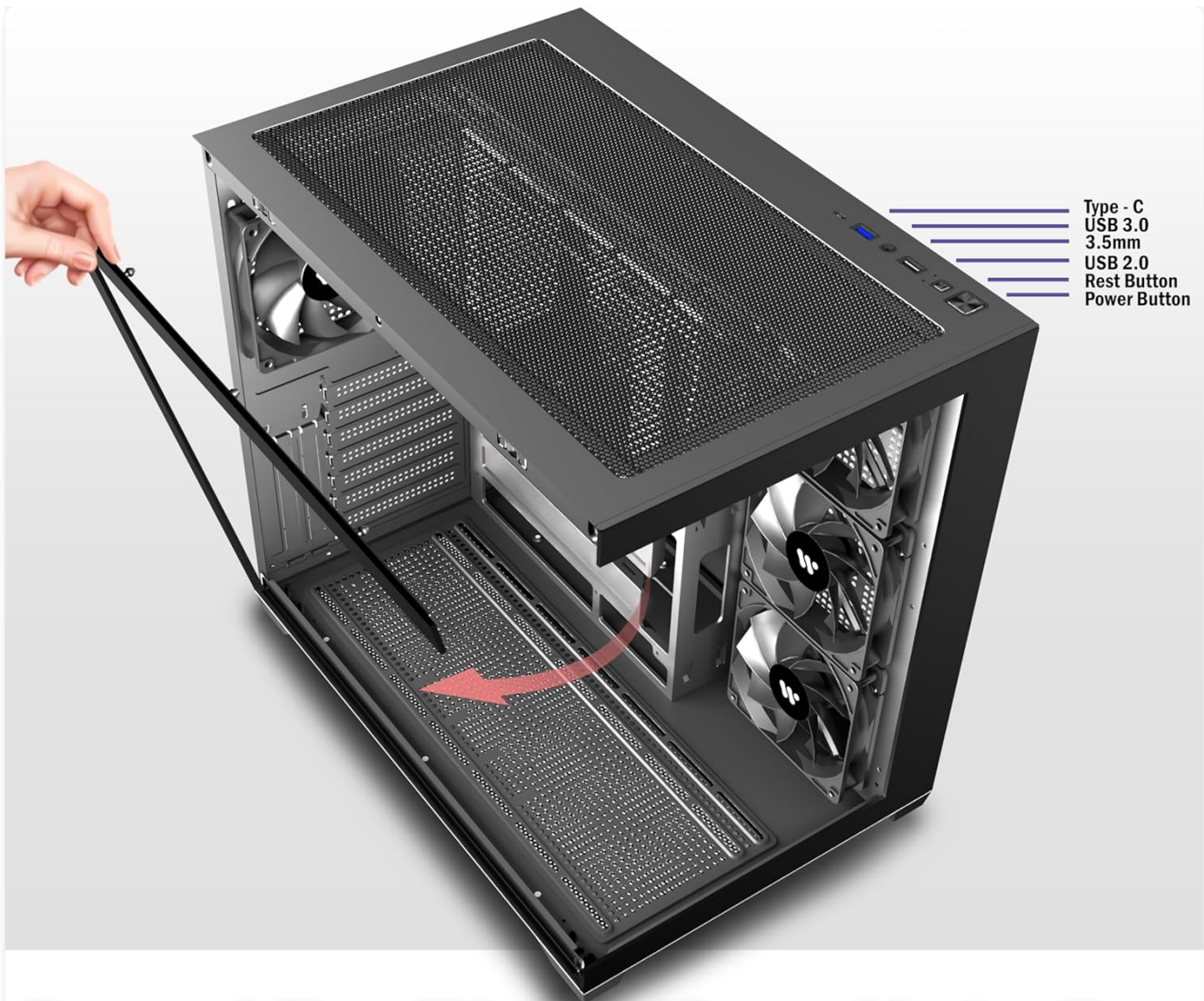
- KEDIERS K4 ATX Mid Tower PC Case (x1)
- Pre-installed 120mm Case Fans (x4)
- Instruction Manual (x1)
- Screw Accessories Kit (x1)
- Zip Ties for Cable Management (included in accessories kit)

### 4. SETUP AND COMPONENT INSTALLATION

Follow these steps for proper setup and installation of your PC components within the KEDIERS K4 case.

#### 4.1. Removing Tempered Glass Side Panel

To access the interior of the case, the tempered glass side panel must be removed. Locate the thumb screws securing the panel. Carefully unscrew them and gently pull the panel outwards in the direction indicated by the arrow on the panel's edge. Support the panel as it detaches to prevent it from falling.



## Tempered Glass Side Panel Removal Instructions

The tempered glass side panel can be removed by pushing it outward in the direction indicated by the arrow.

Figure 4.1: Tempered glass side panel removal instructions. Gently push outwards to detach.

### 4.2. Motherboard Installation

The KEDIERS K4 case supports ATX, Micro-ATX, and Mini-ITX motherboards. Align your motherboard with the standoffs inside the case. Secure it using the appropriate screws from the accessories kit. The case is designed to adapt to new innovative motherboard installation needs, including back-plug motherboard configurations.



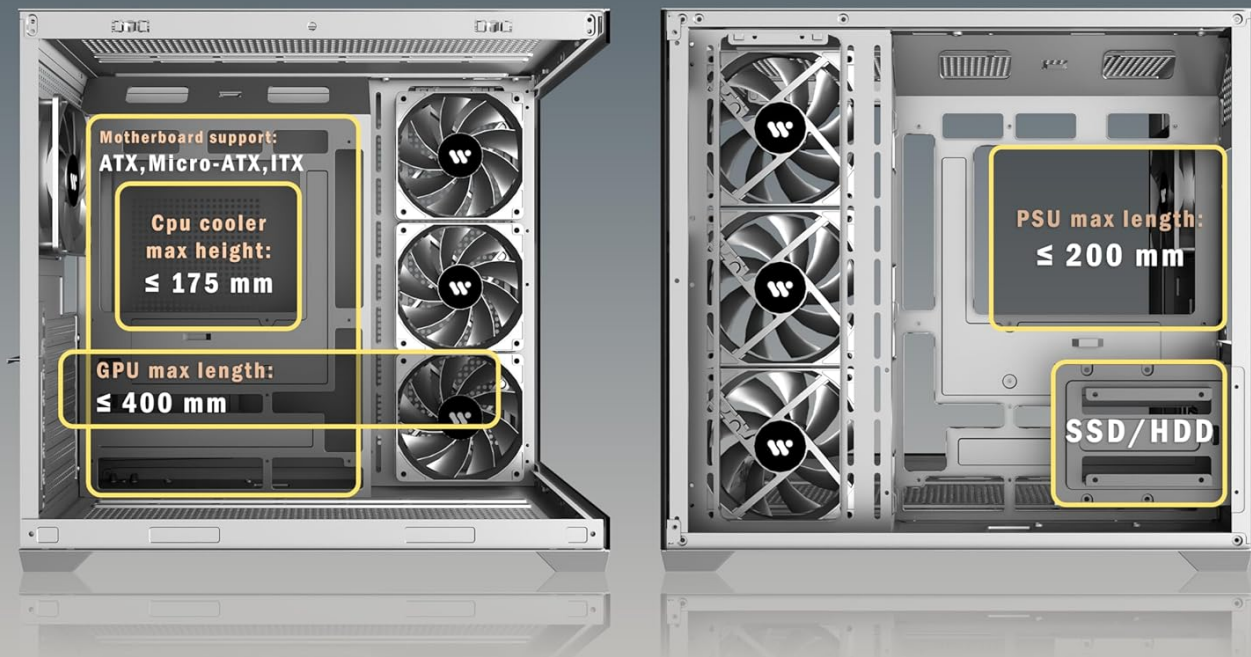
Figure 4.2: Internal layout showing motherboard compatibility and cable management features.

### 4.3. Drive Installation

The case is equipped with dedicated trays for 2.5-inch SSDs and 3.5-inch HDDs. Locate the drive bays and secure your storage devices using the provided screws. The large back space facilitates easy storage of drives and cable management.

# FITS UP TO THREE DRIVES

Comes with 2.5in SSD mounts and 3.5in HDD trays for the storage you need.



## Size

420mm(D) \* 285mm(W) \* 400mm(H)  
16.54"(D) \* 11.22"(W) \* 15.75"(H)

Figure 4.3: Drive bay locations for SSDs and HDDs.

#### 4.4. Cooling System and Component Clearance

The KEDIERS K4 case supports extensive cooling configurations. It can accommodate CPU coolers up to 175mm in height and GPUs up to 400mm in length. It supports up to 10 x 120mm case fans and 2 simultaneous radiators, including 360mm radiators. The case comes with four pre-installed 120mm fans (three intake, one exhaust) for immediate cooling performance.

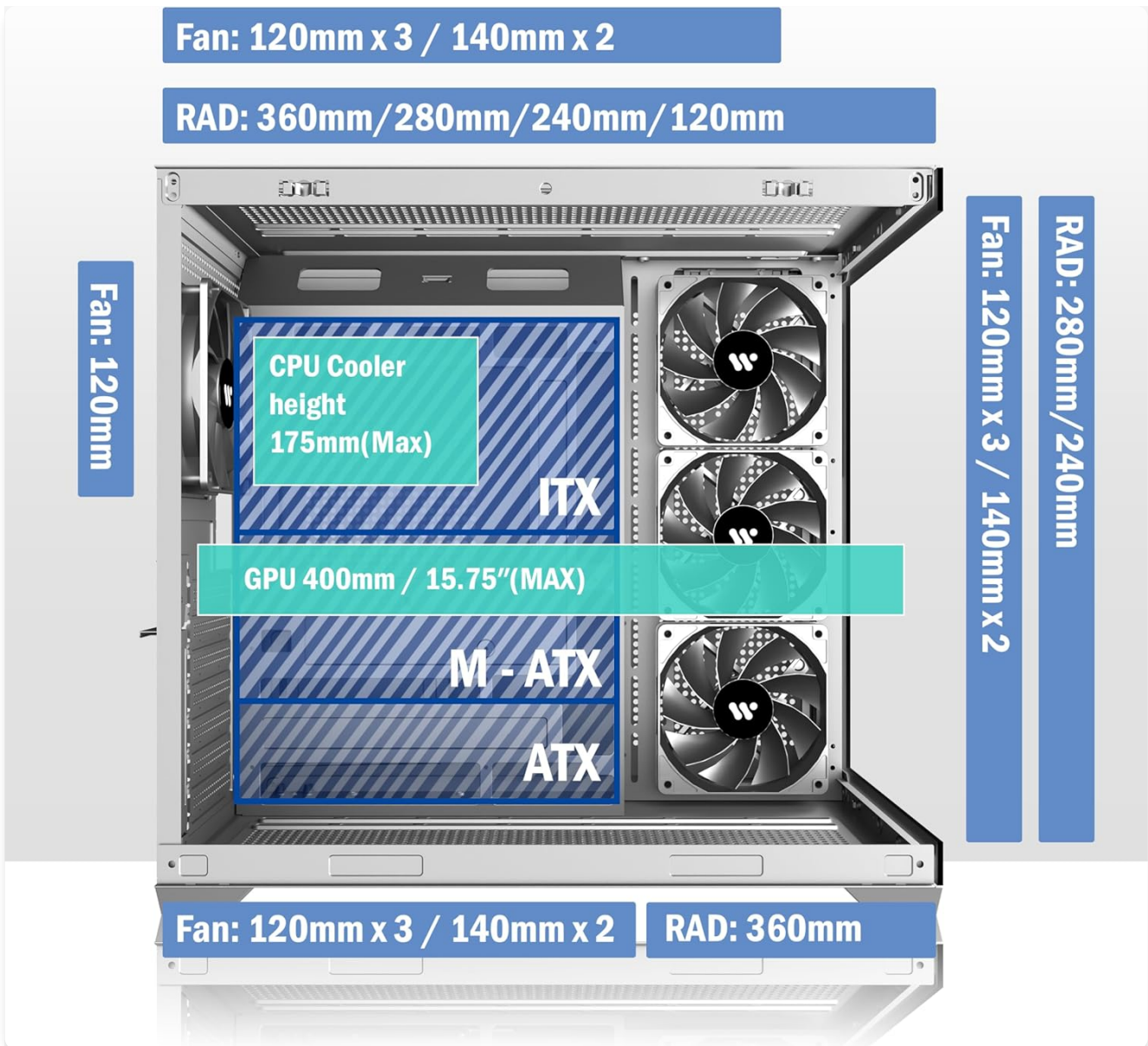


Figure 4.4: Component clearance and fan/radiator support within the case.

#### 4.5. Fan Connections

Ensure all pre-installed fans and any additional fans are correctly connected to your motherboard or fan controller. The case fans support motherboards with appropriate fan headers. Refer to your motherboard manual for specific fan header locations and connection instructions.



Figure 4.5: Proper connection of case fans to the motherboard.

## 5. OPERATING THE PC CASE

The KEDIERS K4 PC case features a convenient I/O panel for easy access to essential functions and ports.

### 5.1. I/O Panel Functions

The top I/O panel provides the following connections and controls:

- **1 x Type-C Port:** For high-speed data transfer with compatible devices.
- **1 x USB 3.0 Port:** For high-speed data transfer.
- **1 x USB 2.0 Port:** For standard data transfer.
- **1 x HD Audio Jack:** For connecting headphones or microphones.
- **Power Button:** To turn the computer on or off.
- **Restart Button:** To restart the computer.
- **LED Switch Button:** To control the lighting effects of the pre-installed fans.

*Note: USB ports are primarily for data transfer and are not recommended for power charging, as most motherboards USB ports support a maximum voltage of 5V.*



Figure 5.1: Front I/O Panel layout and functions.

## 6. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your KEDIERS K4 PC case.

### 6.1. Cleaning Dust Filters

The case features thoughtfully designed high-quality dust filters to prevent dust accumulation. Regularly clean these filters to maintain normal ventilation and reduce dust inside the case. The dust filter mesh magnetic sticker design prevents it from falling off easily.

- Gently remove the magnetic dust filters from the top, front, and bottom of the case.
- Use a soft brush or compressed air to remove accumulated dust.
- Wipe the filters with a damp cloth if necessary, ensuring they are completely dry before reattaching.

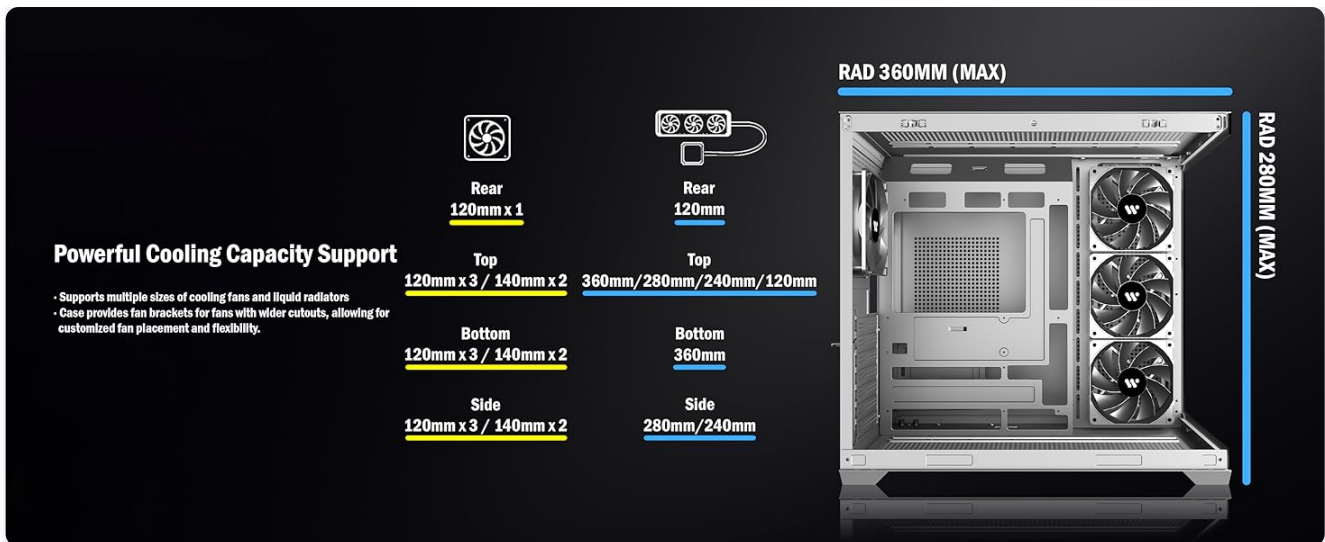


Figure 6.1: Magnetic dust filters for easy cleaning.

## 6.2. General Cleaning

For external surfaces, use a soft, dry cloth to wipe away dust. For the tempered glass panels, use a glass cleaner and a microfiber cloth to avoid streaks or scratches.

## 7. TROUBLESHOOTING

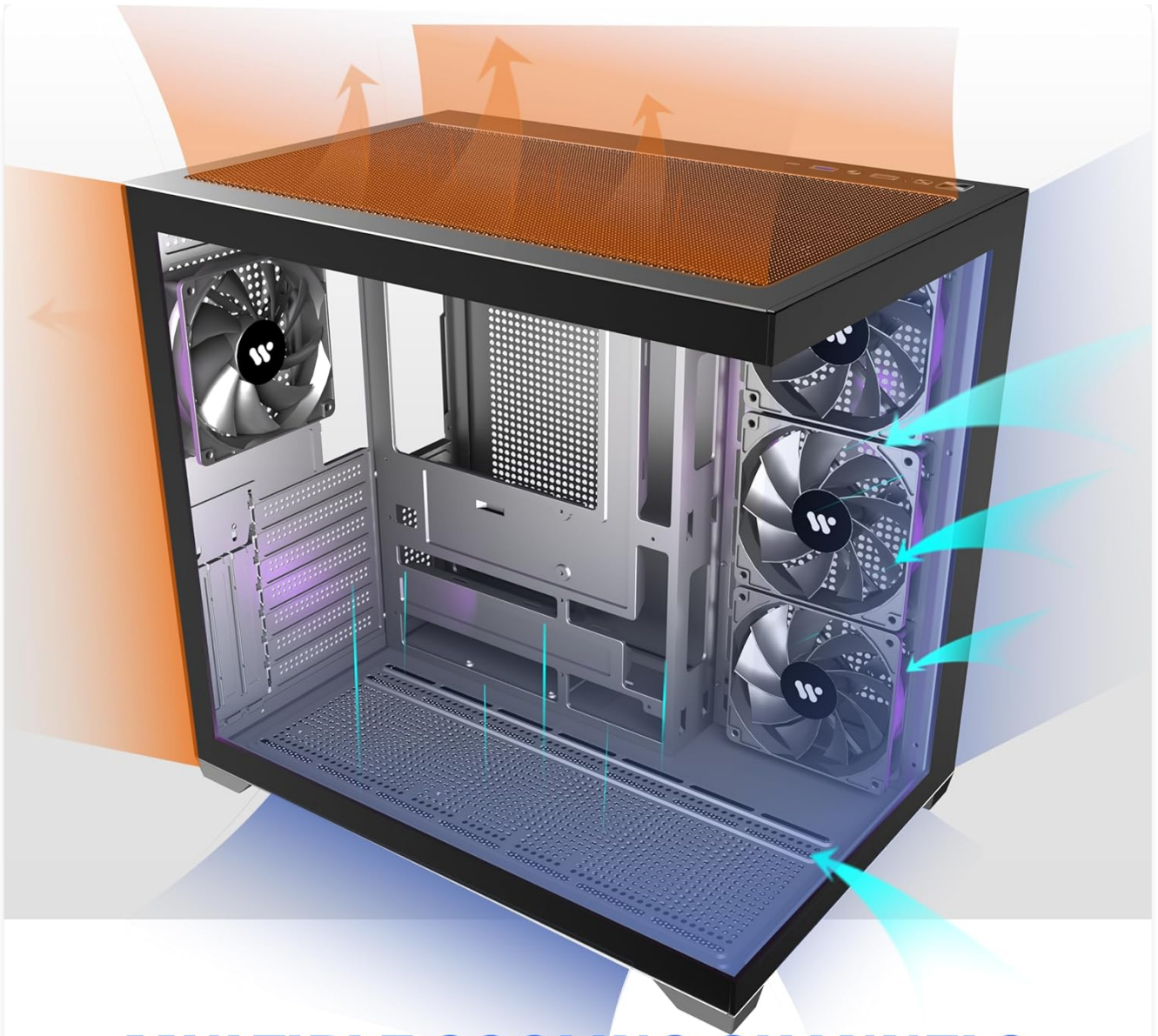
This section addresses common issues you might encounter with your KEDIERS K4 PC case.

### 7.1. Fans Not Spinning or RGB Issues

- **Check Connections:** Ensure all fan power cables and RGB cables are securely connected to the motherboard or fan controller. Refer to Figure 4.5 for proper fan connections.
- **Motherboard Headers:** Verify that your motherboard fan headers are enabled in the BIOS/UEFI settings.
- **Software Control:** If your fans have RGB lighting, ensure any control software (if applicable) is correctly installed and configured.
- **Power Supply:** Confirm that your power supply unit (PSU) is providing sufficient power to all components, including the fans.

### 7.2. Poor Airflow or High Temperatures

- **Clean Dust Filters:** Regularly clean the dust filters as described in Section 6.1.
- **Fan Orientation:** Ensure fans are oriented correctly for optimal airflow (intake and exhaust). The pre-installed fans are configured for efficient cooling.
- **Cable Management:** Improve cable management to reduce obstructions to airflow inside the case.
- **Component Clearance:** Verify that large components like GPUs or CPU coolers are not obstructing airflow paths.



## MULTIPLE COOLING CHANNELS

Figure 7.1: Multiple cooling channels for efficient airflow.

### 7.3. I/O Panel Ports Not Functioning

- **Internal Connections:** Check that the I/O panel cables (USB 3.0, USB 2.0, HD Audio, Power, Reset, LED) are securely connected to the correct headers on your motherboard.
- **Driver Installation:** Ensure all necessary motherboard drivers are installed, especially for USB and audio functionality.

## 8. SPECIFICATIONS

Detailed technical specifications for the KEDIERS K4 ATX Mid Tower PC Case:

Feature	Specification
Model Name	K4
Case Type	Mid Tower
Dimensions (L x W x H)	16.54" x 11.22" x 15.75" (420mm x 285mm x 400mm)

Material	Metal, Tempered Glass
Motherboard Support	ATX, Micro-ATX, Mini-ITX
Pre-installed Fans	4 x 120mm (3 intake, 1 exhaust)
Max Fan Support	Up to 10 x 120mm
Radiator Support	Up to 360mm (top/bottom), 280mm/240mm (side)
CPU Cooler Height (Max)	175mm
GPU Length (Max)	400mm
PSU Type Support	ATX (up to 200mm)
Drive Bays	2.5" SSD mounts, 3.5" HDD trays
Expansion Slots	7 x PCIe
I/O Panel	1x Type-C, 1x USB 3.0, 1x USB 2.0, 1x HD Audio, Power, Reset, LED Switch

# 120MM CASE FAN BLACK

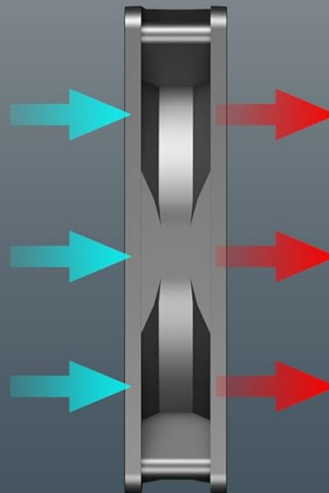
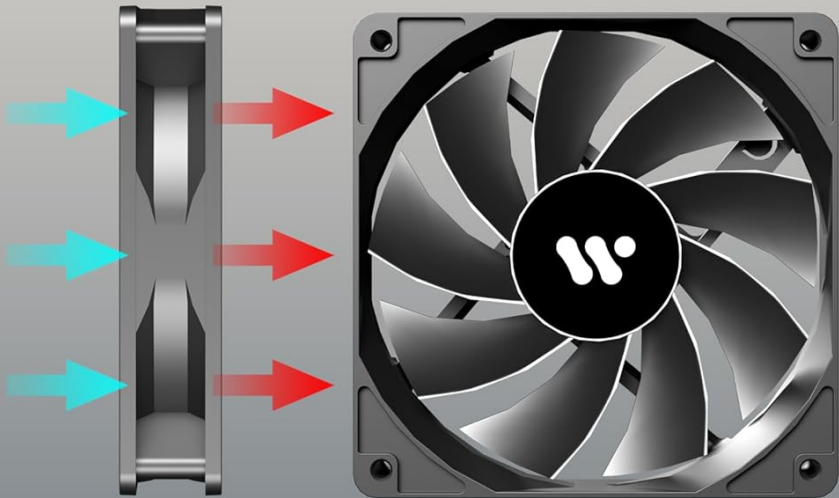
 Fan Speed :  
400 ~ 1500±10%RPM

 Max. Air Flow :  
55.37±10%CFM

 Max. Static Pressure :  
1.36±10%mmH2O

 Noise:  
4-25±10%dB(A) Max.

 Voltage: 12V  
Current: 0.15A



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 Voltage: 12V  
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Figure 8.1: Specifications for the included 120mm case fans.

## 9. WARRANTY AND SUPPORT

KEDIERS products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official KEDIERS website. If you encounter any issues or require technical assistance, please contact KEDIERS customer support.

### KEDIERS Customer Support:

- For the most up-to-date contact information, please visit the KEDIERS brand store on Amazon or their official website.
- When contacting support, please have your product model (K4) and purchase details ready.

