

KEDIERS K

KEDIERS K4 ATX PC Case User Manual

Model: K4

1. INTRODUCTION

Thank you for choosing the KEDIERS K4 ATX PC Case. This manual provides essential instructions for the proper installation, operation, and maintenance of your new PC case. The K4 features a panoramic glass design, a back-connect layout for clean cable management, and comes with 8 pre-installed PWM ARGB fans to ensure optimal cooling performance.

2. SETUP AND INSTALLATION

2.1. Panel Removal

To access the internal components for installation, the glass and rear panels must be removed. Follow these steps:

1. Locate the four screws securing the glass and rear panels.
2. Carefully unscrew these four screws.
3. Gently push and pull the panels to detach them from the chassis.

HARDWARE CONFIGURATION OVERVIEW



Image: Easy Panel Removal. This diagram illustrates the steps for detaching the glass and rear panels by unscrewing four points.

2.2. Fan Installation and Connection

The KEDIERS K4 case comes with 8 pre-installed PWM ARGB fans. Understanding fan types and connections is crucial for optimal airflow and lighting.

- **Standard Fans:** These fans typically draw air from the front and exhaust it out the back.
- **Reverse Fans:** These fans are designed to draw air from the back and exhaust it out the front, often used for specific airflow configurations or aesthetic purposes.
- **Connections:** Fans utilize PWM 4-pin connectors for speed control and 5V 3-pin ARGB connectors for lighting synchronization. The pre-installed fans feature a daisy-chain design for simplified cable management.



Image: High Performance Fans Pre-installed. This image details the 8 pre-installed fans, distinguishing between standard and reverse types, and shows the PWM 4-pin and 5V 3-pin ARGB connectors.

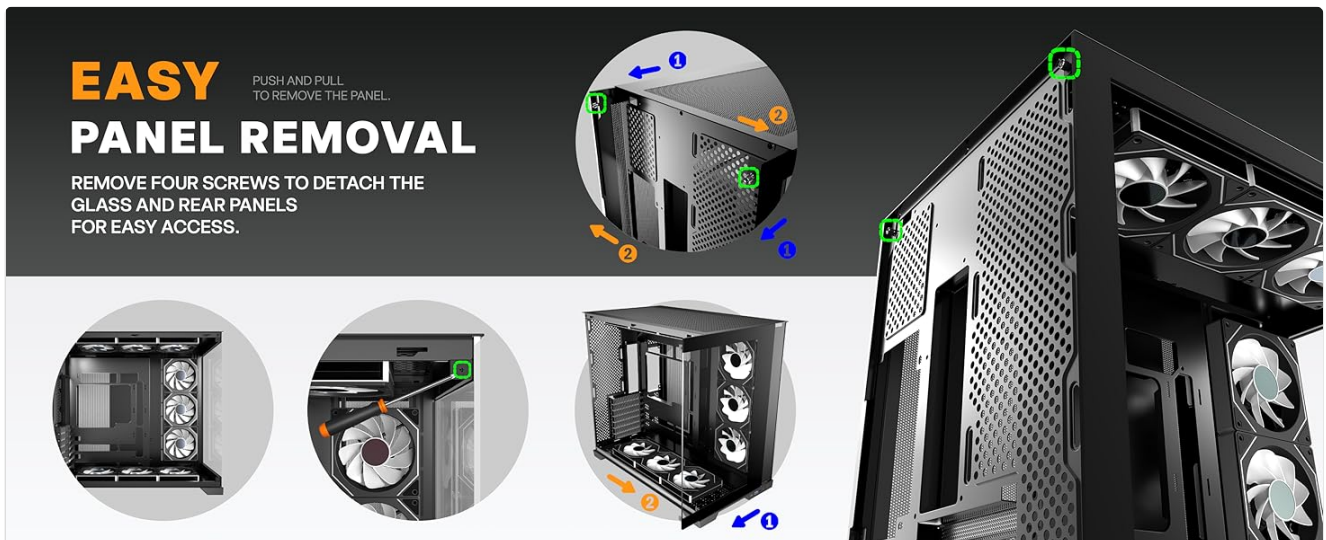


Image: Fan Installation. This diagram shows the airflow direction for standard and reverse fans, along with the 4-pin PWM and 3-pin 5V ARGB cable connections.

2.3. Component Compatibility and Installation Notes

The KEDIERS K4 case offers extensive compatibility for various PC components. Please observe the following maximum dimensions:

- **Motherboard Support:** ATX, Micro-ATX, Mini-ITX
- **CPU Cooler Height:** Maximum 175mm

- **GPU Length:** Maximum 460mm
- **Power Supply Type:** ATX, up to 200mm
- **Radiator Support:** Up to 420mm / 360mm (420mm radiator may require rear upper fan removal)
- **Fan Support:** Up to 11 x 120mm fans or 9 x 140mm fans

LIQUID COOLING FITMENT NOTES

- UP TO 11x120MM OR 9x140MM FANS SUPPORTED.
- 420MM RADIATOR (MAX 460MM) WITH REAR UPPER FAN REMOVED.

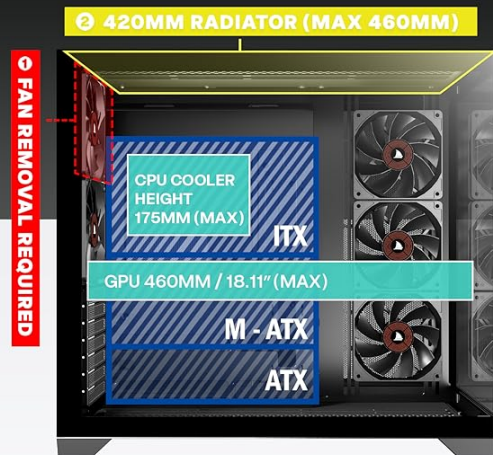


Image: Liquid Cooling Fitment Notes. This diagram illustrates the maximum dimensions for CPU coolers, GPUs, and radiator placement within the case, noting potential fan removal for 420mm radiators.

2.4. Drive Mounting Positions

The case provides flexible mounting options for storage drives:

- Dedicated mounting holes for SSDs (indicated by yellow markers in diagrams).
- Dedicated mounting holes for HDDs (indicated by blue markers in diagrams).
- An expansion bracket helps conceal cables, contributing to a clean and organized rear area.



Image: Expandable Drive Mounting Positions. This image highlights the yellow holes for SSD mounting and blue holes for HDD mounting, along with the cable-concealing expansion bracket.

2.5. Back-Connect Design

The K4 case features a back-connect design, allowing for motherboard and power supply cables to be routed behind the motherboard tray. This design:

- Keeps the front of the case clean and unobstructed.

- Improves internal airflow by reducing cable clutter.
- Simplifies cable management with large dedicated spaces.

3. OPERATING INSTRUCTIONS

3.1. Front I/O Panel

The front I/O panel provides convenient access to essential ports and controls:

1. **USB 3.2 Gen 2 Type-C:** High-speed data transfer for modern devices.
2. **USB 3.2 Gen 1 Type-A:** Standard USB ports for peripherals.
3. **3.5mm Audio:** Headphone and microphone jack.
4. **Reset Button:** To restart the system.
5. **Power Button:** To turn the system on/off.



Image: Versatile Connectivity. This image details the front I/O panel, labeling the USB Type-C, USB Type-A, 3.5mm audio, reset, and power buttons.

3.2. Cooling System Operation

The K4 case is engineered for optimal thermal performance:

- **Dual-Channel Airflow:** Utilizes a horizontal airflow path for the CPU and a vertical path for the GPU, ensuring focused and efficient cooling.
- **8 PWM ARGB Fans:** Pre-installed fans provide high airflow (67.5 CFM) and can be controlled via PWM for dynamic speed adjustment based on temperature.
- **ARGB Synchronization:** The 5V 3-pin ARGB connectors allow for synchronization of lighting effects with compatible motherboards (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync).

Powerful Cooling System Supports up to 11x120mm Fans or 9x140mm Fans Easily Handles High Power Hardware

120 Fan x 2

Supports Up to 11 Fans

- | | |
|---|---|
| 1 Top Supports
Up to 420/360 water cooling or 3x120/140mm fans | 2 Bottom Supports
Up to 3x120/140mm fans |
| 3 Side Supports
Up to 360 water cooling or 3x120/140mm fans | 4 Rear Supports
Up to 2x120mm fans |

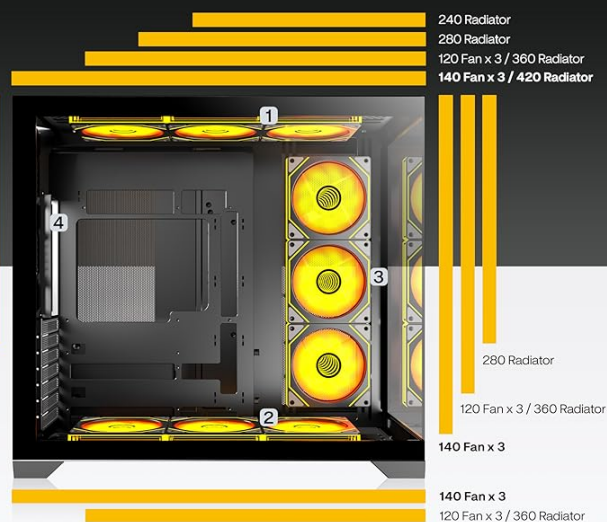


Image: System-Wide Airflow Optimization. This diagram visually represents the optimized airflow paths designed to maintain stable operating temperatures.

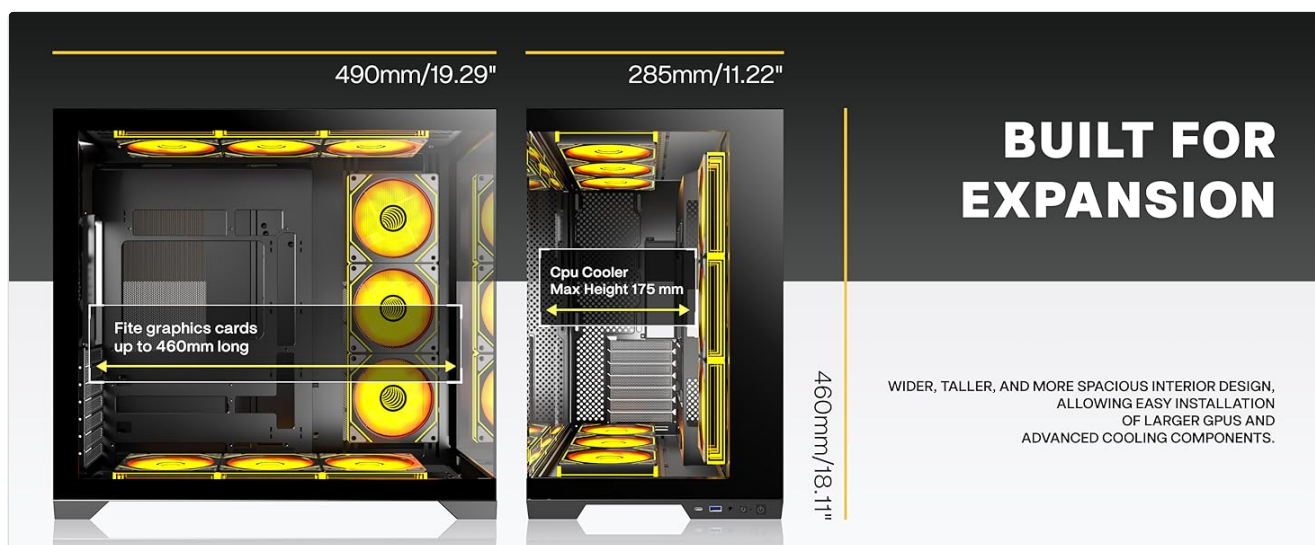


Image: Supports ARGB Sync. This image highlights the case's compatibility with major motherboard ARGB synchronization technologies and provides fan performance details.

4. MAINTENANCE

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

- **Dust Filters:** The top and bottom of the case are equipped with magnetic dust filters. Periodically remove and clean these filters to prevent dust buildup and maintain efficient airflow.
- **Interior Cleaning:** With the panels removed, use compressed air to gently clear dust from internal components and fan blades. Ensure the system is powered off and unplugged before cleaning.
- **Exterior Cleaning:** Wipe the exterior surfaces, especially the tempered glass panels, with a soft, damp cloth. Avoid abrasive cleaners.

5. SPECIFICATIONS

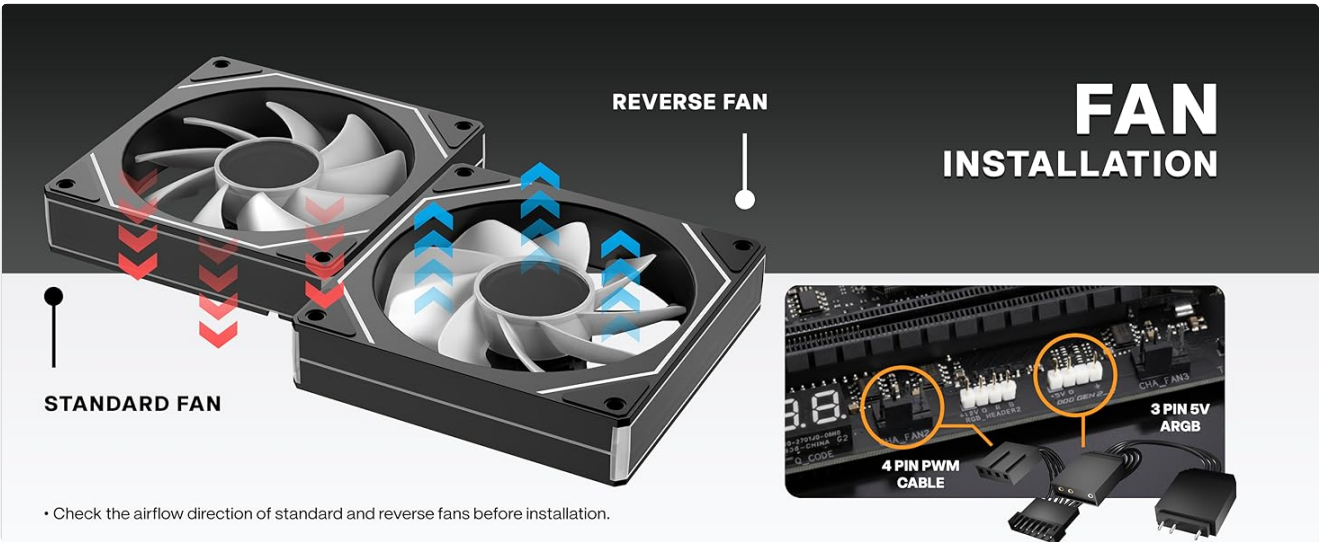


Image: Product Information. This image provides the overall dimensions of the KEDIERS K4 PC case.

Feature	Detail
Brand	KEDIERS
Model Name	K4
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro ATX, Mini ITX
Material	Metal, Tempered Glass
Color	White
Cooling Method	Air, Water
Pre-installed Fans	8 ARGB PWM Fans (3 reverse, 5 standard)
Max CPU Cooler Height	175mm
Max GPU Length	460mm
Radiator Support	Up to 420mm / 360mm
I/O Panel	USB 3.2 Gen 2 Type-C, USB 3.2 Gen 1 Type-A, 3.5mm Audio, Reset, Power
Product Dimensions (D x W x H)	19.29" x 11.22" x 18.11" (490mm x 285mm x 460mm)
Item Weight	6.45 kg

6. TROUBLESHOOTING

If you encounter issues with your KEDIERS K4 PC Case, consider the following general troubleshooting steps:

- **No Power:** Ensure all power cables (24-pin ATX, 8-pin CPU, GPU power) are securely connected to the motherboard and components. Verify the power supply switch is in the 'ON' position.
- **Fans Not Spinning/No ARGB:** Check fan power (PWM 4-pin) and ARGB (5V 3-pin) connections to the motherboard or fan controller. Ensure ARGB software is correctly configured if applicable.
- **Front I/O Not Working:** Confirm that the front panel connectors (USB, Audio, Power, Reset) are correctly

plugged into the corresponding headers on your motherboard.

- **Overheating:** Ensure all fans are spinning correctly and oriented for optimal airflow. Clean dust filters regularly. Verify CPU cooler and GPU cooler are properly seated.
- **Loose Panels:** Re-secure any loose panels by tightening the retaining screws.

For specific component-related issues, refer to the respective component manuals (motherboard, GPU, CPU cooler, PSU).

7. WARRANTY AND SUPPORT

The KEDIERS K4 ATX PC Case comes with a **5-year factory manufacturing warranty**. For warranty claims or technical support, please contact KEDIERS customer service through their official channels or the retailer where the product was purchased.

You can also visit the official KEDIERS store for more information and support: [KEDIERS Store on Amazon](#)

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ASK A QUESTION ABOUT THIS MANUAL

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