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KEDIERS H9

KEDIERS H9 ATX Mid Tower PC Case User Manual

Model: H9

Brand: KEDIERS

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your KEDIERS H9 ATX Mid Tower PC Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and safe usage. The KEDIERS H9 is designed to accommodate a wide range of PC components, offering excellent cooling performance and a panoramic view of your build.

2. Safety Information

- Always disconnect the power supply from the wall outlet before installing or servicing any components inside the PC case.
- Handle tempered glass panels with extreme care. They are fragile and can break if dropped or subjected to impact. Lay glass panels flat on a soft surface when removed.
- Be aware of sharp edges inside the case. Wear protective gloves if necessary.
- Keep small components and screws away from children.
- Ensure proper grounding to prevent electrostatic discharge (ESD) damage to sensitive electronic components.

3. Package Contents

Verify that all items are present in your package:

- KEDIERS H9 ATX Mid Tower PC Case
- 9 x 120mm PWM ARGB Fans (pre-installed)
- Accessory Box (containing screws, standoffs, cable ties, etc.)
- User Manual (this document)

4. Specifications

Feature	Specification
Model	H9
Case Type	Mid Tower
Dimensions (L x W x H)	42 x 28.5 x 40 cm (16.54 x 11.22 x 15.75 inches)
Weight	8.24 kg
Material	Metal, Tempered Glass
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Pre-installed Fans	9 x 120mm PWM ARGB Fans (6 intake, 3 exhaust)
Max Fan Support	Up to 10 x 120mm fans or 6 x 140mm fans + 1 x 120mm fan
Radiator Support	Top: 360mm/280mm/240mm/120mm Bottom: 360mm Side: 280mm/240mm
Max GPU Length	400mm
Max CPU Cooler Height	175mm
Max PSU Length	200mm (ATX)
Drive Bays	2 x 3.5" HDD, 5 x 2.5" SSD (or 2 x 3.5" HDD + 4 x 2.5" SSD)
PCIe Expansion Slots	7
I/O Panel	1 x Type-C, 1 x USB 3.0, 1 x USB 2.0, 1 x HD Audio, Power Button, Reset Button, LED Switch Button

5. Features Overview

5.1 Panoramic Dual Tempered Glass Design

The KEDIERS H9 features a 270° panoramic view with fully glass-covered front and side panels, allowing for a clear display of internal components and RGB lighting. This design enhances the aesthetic appeal of your PC build.



Image: KEDIERS H9 PC Case showcasing its panoramic dual tempered glass design with illuminated internal components.

5.2 Advanced Cooling System with 9 Pre-installed Fans

The case comes with 9 pre-installed 120mm PWM ARGB fans, including 6 intake fans and 3 exhaust fans, ensuring optimal airflow and thermal management for high-performance components. It supports extensive radiator configurations for liquid cooling.

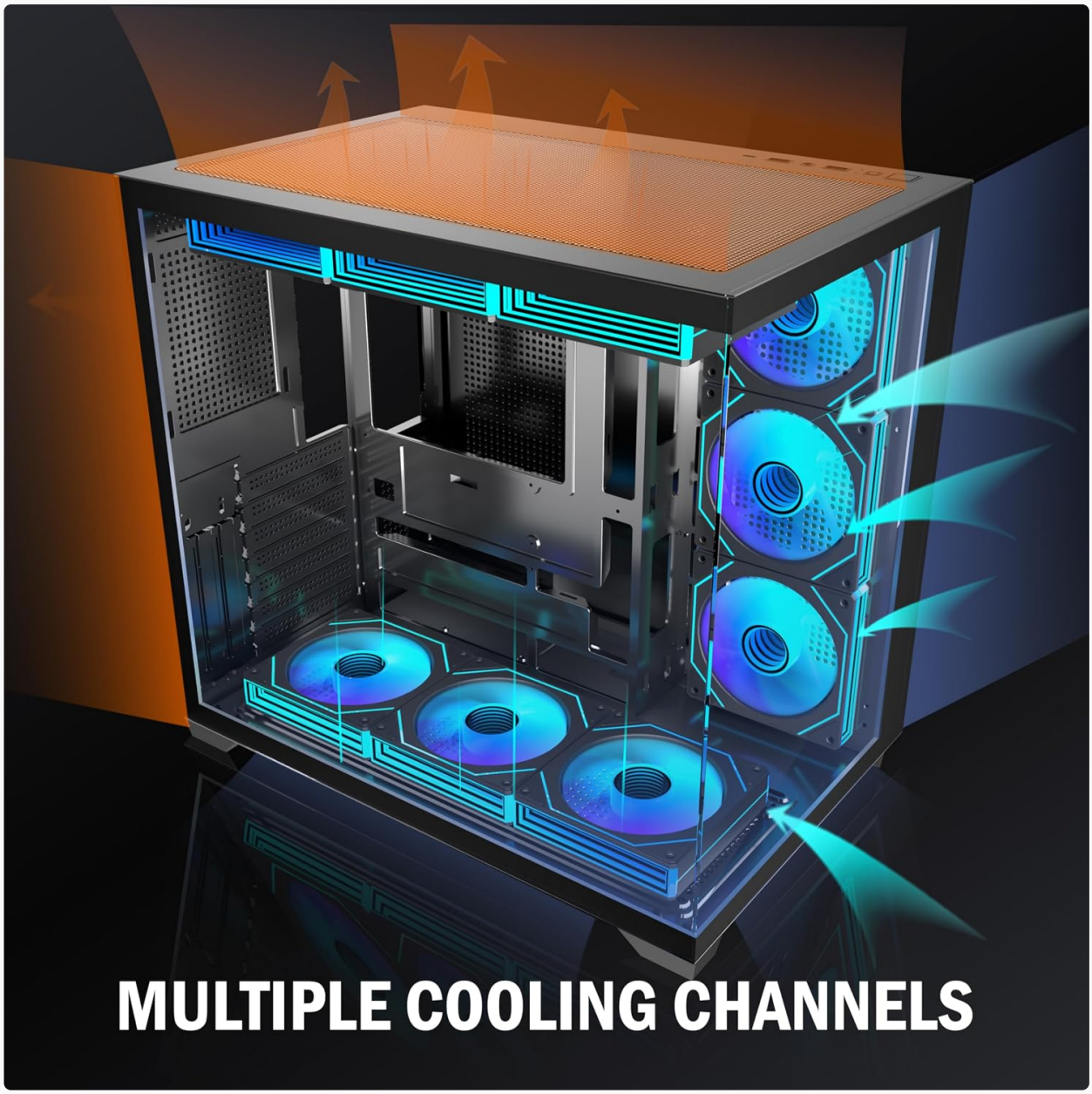


Image: Diagram illustrating the multiple cooling channels and fan placements within the KEDIERS H9 PC Case.

5.3 High-Speed I/O Panel

Equipped with a modern I/O panel featuring 1x Type-C, 1x USB 3.0, and 1x USB 2.0 ports, along with HD Audio, Power, Reset, and LED Switch buttons for convenient connectivity and control.

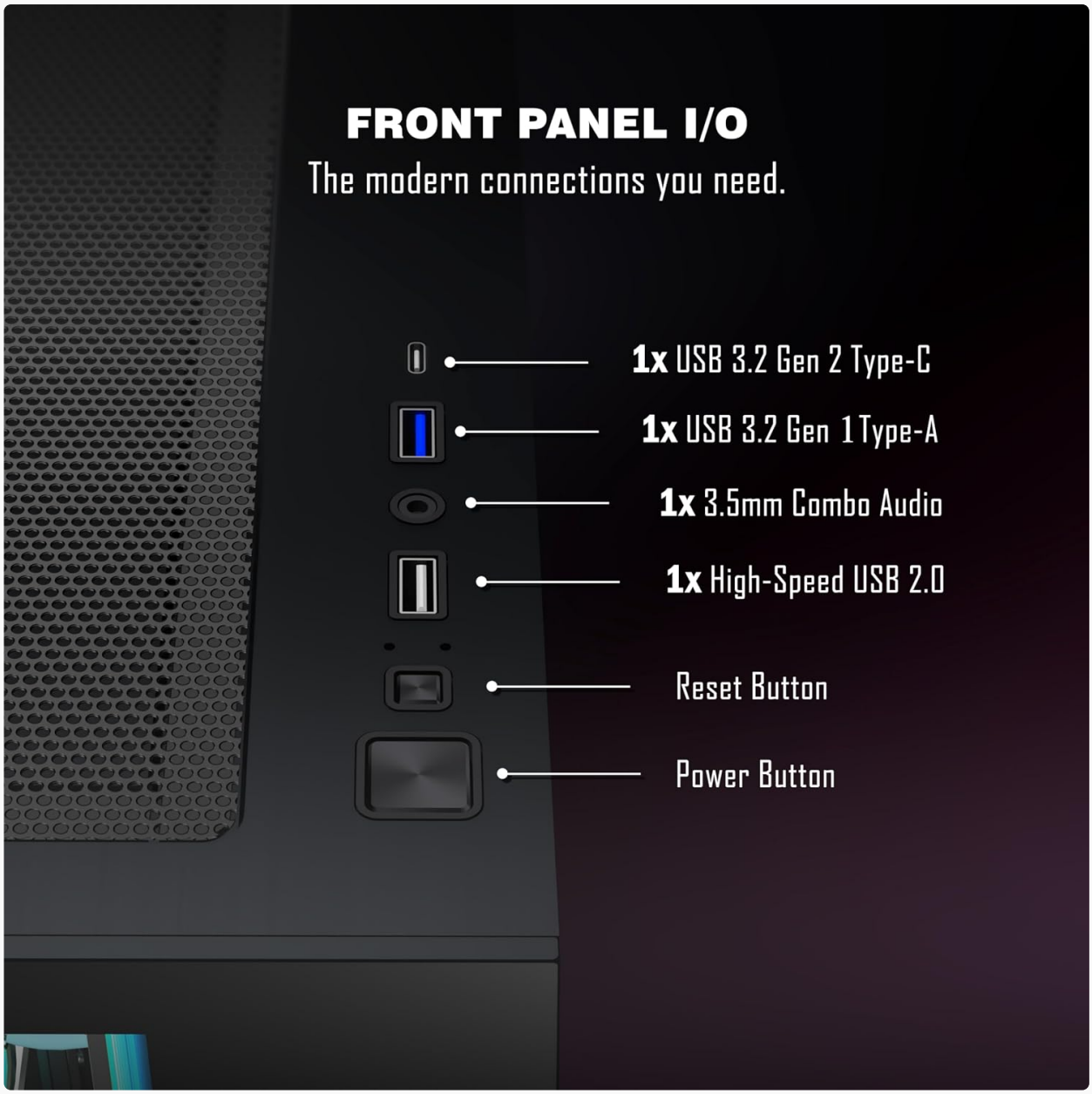


Image: Detailed view of the KEDIERS H9's front I/O panel, showing all available ports and buttons.

5.4 Magnetic Dust Filters

The case includes magnetic dust filters on the top and bottom panels, providing easy removal for cleaning and effective protection against dust accumulation, maintaining optimal performance and longevity of components.



Image: Illustration of the magnetic dust filters on the top and bottom of the KEDIERS H9 case.

6. Setup and Installation

6.1 Preparing the Case

1. **Unpack the Case:** Carefully remove the PC case from its packaging.
2. **Remove Side Panels:** The tempered glass side panels can be removed by pushing them outward in the direction indicated by the arrow or by unscrewing the thumb screws at the rear. Lay them flat on a soft, non-abrasive surface to prevent scratches or damage.



Image: Instructions for tool-free removal of the tempered glass side panel.

6.2 Motherboard Installation

1. Identify the correct standoff positions for your ATX, Micro-ATX, or Mini-ITX motherboard.
2. Install the necessary standoffs into the motherboard tray.
3. Carefully place your motherboard onto the standoffs, aligning the screw holes.
4. Secure the motherboard with the provided screws.

6.3 CPU Cooler and Radiator Installation

The KEDIERS H9 supports CPU coolers up to 175mm in height and radiators up to 360mm. Ensure your chosen cooling solution fits within these dimensions.

1. Install your CPU cooler (air or liquid) according to its manufacturer's instructions.
2. For liquid cooling, mount radiators to the designated areas (top, bottom, or side) using the appropriate screws.

6.4 Graphics Card (GPU) Installation

The case supports GPUs up to 400mm in length. It also supports vertical GPU installation (riser cable not included).

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

6.5 Storage Device Installation

The case provides ample space for storage, supporting 2 x 3.5" HDDs and up to 5 x 2.5" SSDs.

1. Locate the HDD/SSD trays and mounting points.
2. Secure your 3.5" HDDs and 2.5" SSDs using the provided screws.

6.6 Power Supply Unit (PSU) Installation

The KEDIERS H9 supports ATX power supplies up to 200mm in length.

1. Slide the PSU into its designated compartment at the bottom rear of the case.
2. Secure the PSU with screws from the rear of the case.

6.7 Cable Management

Utilize the reserved holes and cable ties to route and secure cables behind the motherboard tray for a clean and organized build, improving airflow and aesthetics.



Image: Diagram illustrating effective cable management routing for both standard and back-connect motherboards.

6.8 Fan and RGB Connections

The pre-installed PWM ARGB fans require connection to your motherboard's fan headers and ARGB headers (5V 3-pin) for full control. Consult your motherboard manual for specific header locations.

Your browser does not support the video tag.

Video: This video demonstrates the KEDIERS PC Case, showcasing its tempered glass design and pre-installed fans. It provides a visual overview of the case's features and aesthetic appeal when components are installed.

7. Operating Instructions

7.1 Powering On/Off

- Press the Power Button on the top I/O panel to turn your PC on or off.
- Use the Reset Button for a system restart if needed.

7.2 RGB Lighting Control

- The pre-installed ARGB fans can be controlled via your motherboard's RGB software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion). Connect the 5V 3-pin ARGB cable from the fan hub to your motherboard's ARGB header.
- Alternatively, use the LED Switch Button on the I/O panel to cycle through pre-set lighting modes if the fans are connected to a built-in controller.

8. Maintenance

8.1 Cleaning Dust Filters

- Regularly check and clean the magnetic dust filters located on the top and bottom of the case.
- Gently remove the filters and tap out accumulated dust or rinse them with water. Ensure they are completely dry before reattaching.

8.2 General Cleaning

- Use a soft, damp cloth to wipe down the exterior of the case. Avoid harsh chemicals.
- For internal cleaning, use compressed air to remove dust from fans and components. Ensure the PC is powered off and unplugged.

9. Troubleshooting

- **PC Not Powering On:** Check all power connections, including the 24-pin ATX, 8-pin CPU, and GPU power cables. Ensure the PSU switch is in the 'On' position.
- **Fans Not Spinning/RGB Not Working:** Verify that all fan and ARGB cables are securely connected to the motherboard or fan controller. Check your motherboard's RGB software settings.
- **Overheating:** Ensure all fans are spinning correctly and are oriented for optimal airflow (intake/exhaust). Clean dust filters and internal components. Verify CPU cooler and GPU are properly seated.
- **No Display:** Confirm the GPU is correctly seated in its PCIe slot and power cables are connected. Ensure your monitor cable is plugged into the GPU, not the motherboard.

10. Warranty and Support

For warranty information and technical support, please refer to the KEDIERS official website or contact your retailer. Keep your proof of purchase for warranty claims.

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