DARKROCK MH200

DARKROCK MH200 PC Computer Case User Manual

Model: MH200

1. INTRODUCTION

Welcome to the user manual for the DARKROCK MH200 White PC Computer Case. This compact mid-tower case is designed for both office and gaming setups, featuring high-airflow mesh panels and versatile component support. This manual provides detailed information on the case's features, specifications, installation, operation, and maintenance to ensure optimal performance and longevity.

2. KEY FEATURES

- **Premium Cooling Performance:** Equipped with front and side mesh panels for enhanced airflow. Top and bottom panels feature magnetic mesh dust filters for easy cleaning and improved thermal management.

- **Ready for Upgrade:** Spacious interior accommodates CPU coolers up to 165mm in height and graphics cards up to 330mm in length, supporting most NVIDIA GeForce RTX 40 Series GPUs.

- **Powerful I/O Panel:** Conveniently located top panel with a Type-C port, two USB 3.0 ports, and audio jacks for easy connectivity of peripherals and storage devices.

- **Sleek & Modern Design:** Available in white, supporting Micro ATX and Mini-ITX motherboards. Includes a pre-installed ARGB 120mm fan in the rear for vibrant lighting effects.

- **Various Cooling Options:** Supports up to eight fans and a 280mm radiator on the top, ensuring excellent airflow and cooling for your PC components.
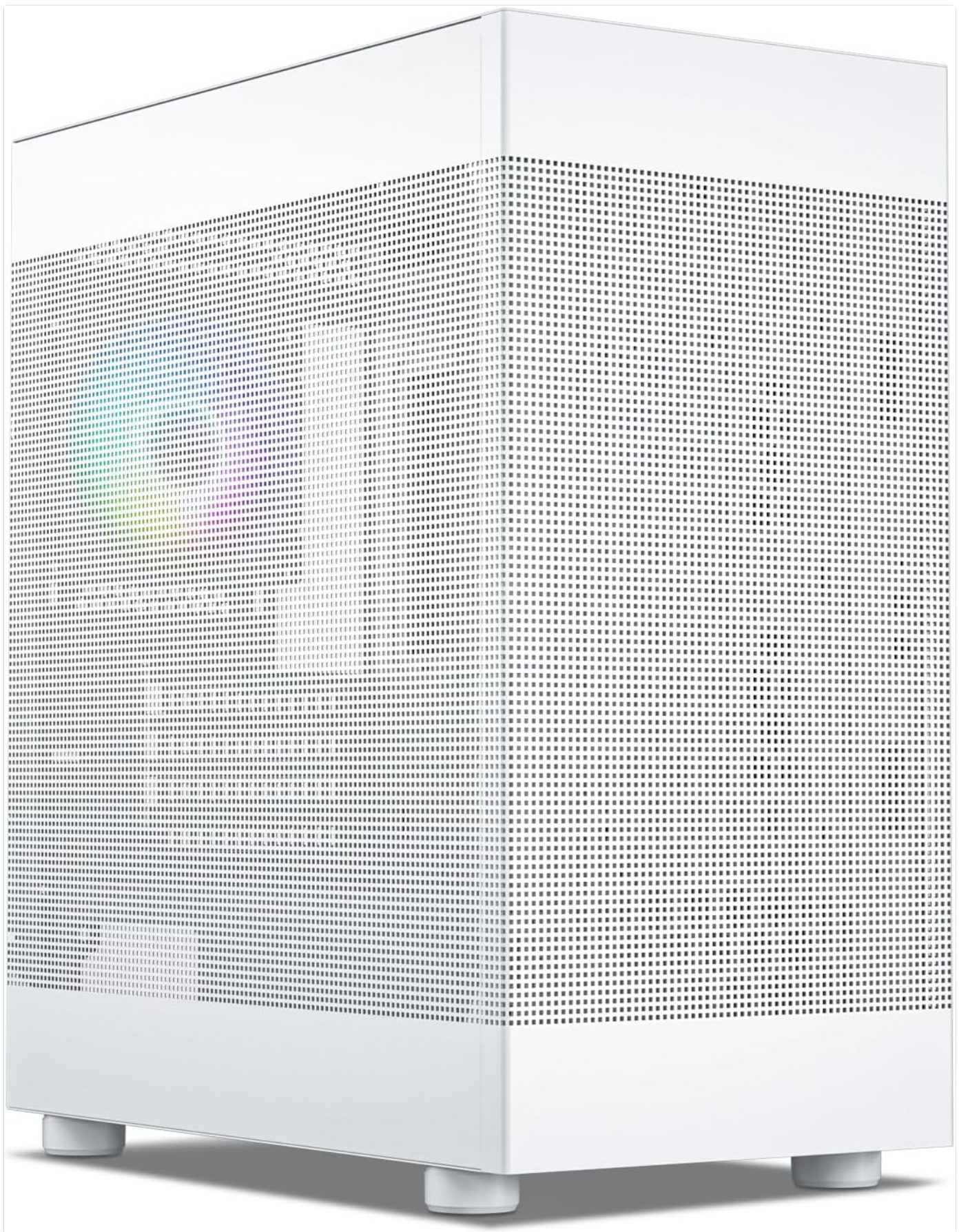
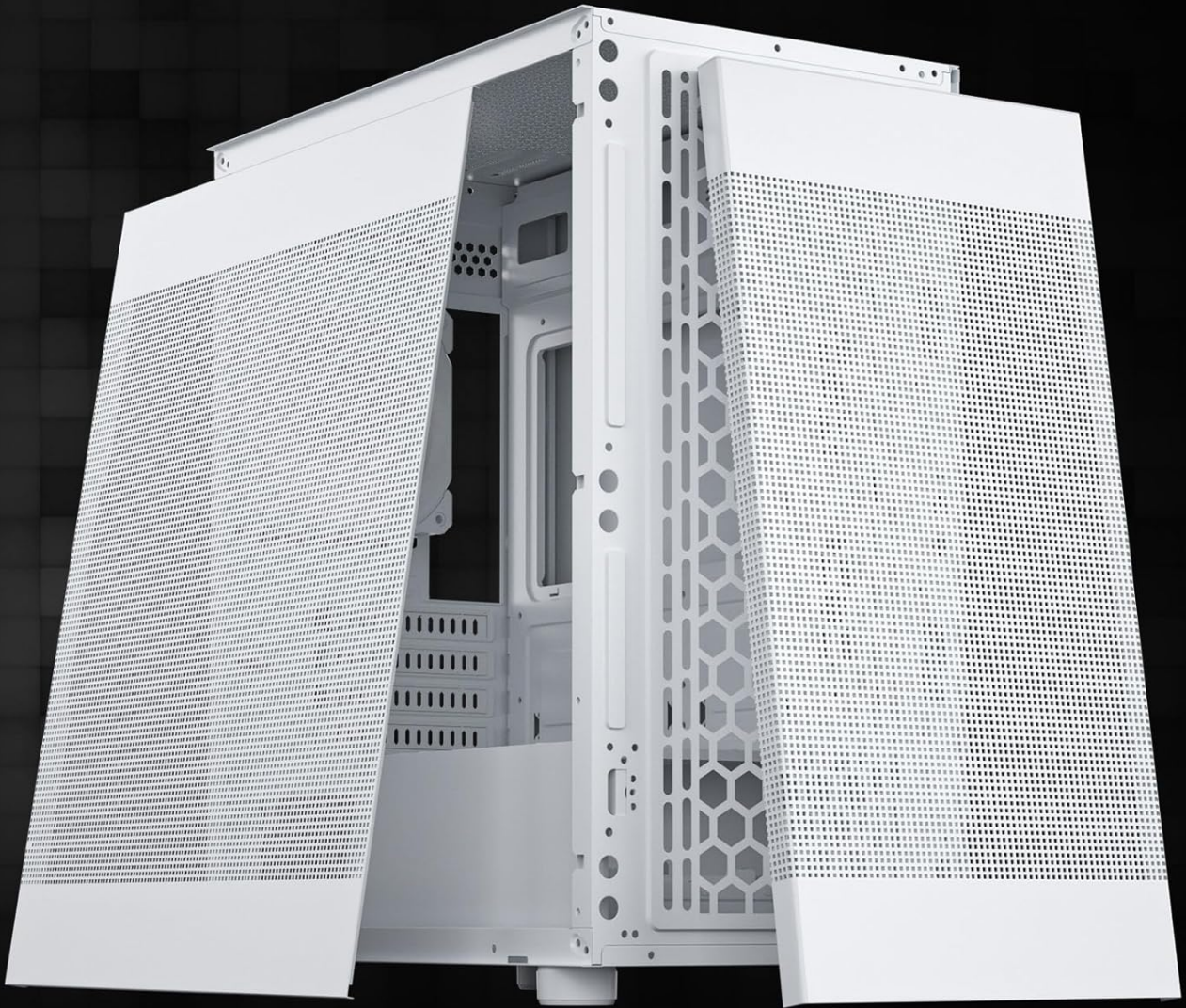Figure 2.1: The DARKROCK MH200 White PC Computer Case.

DUAL MESH PANEL DESIGN

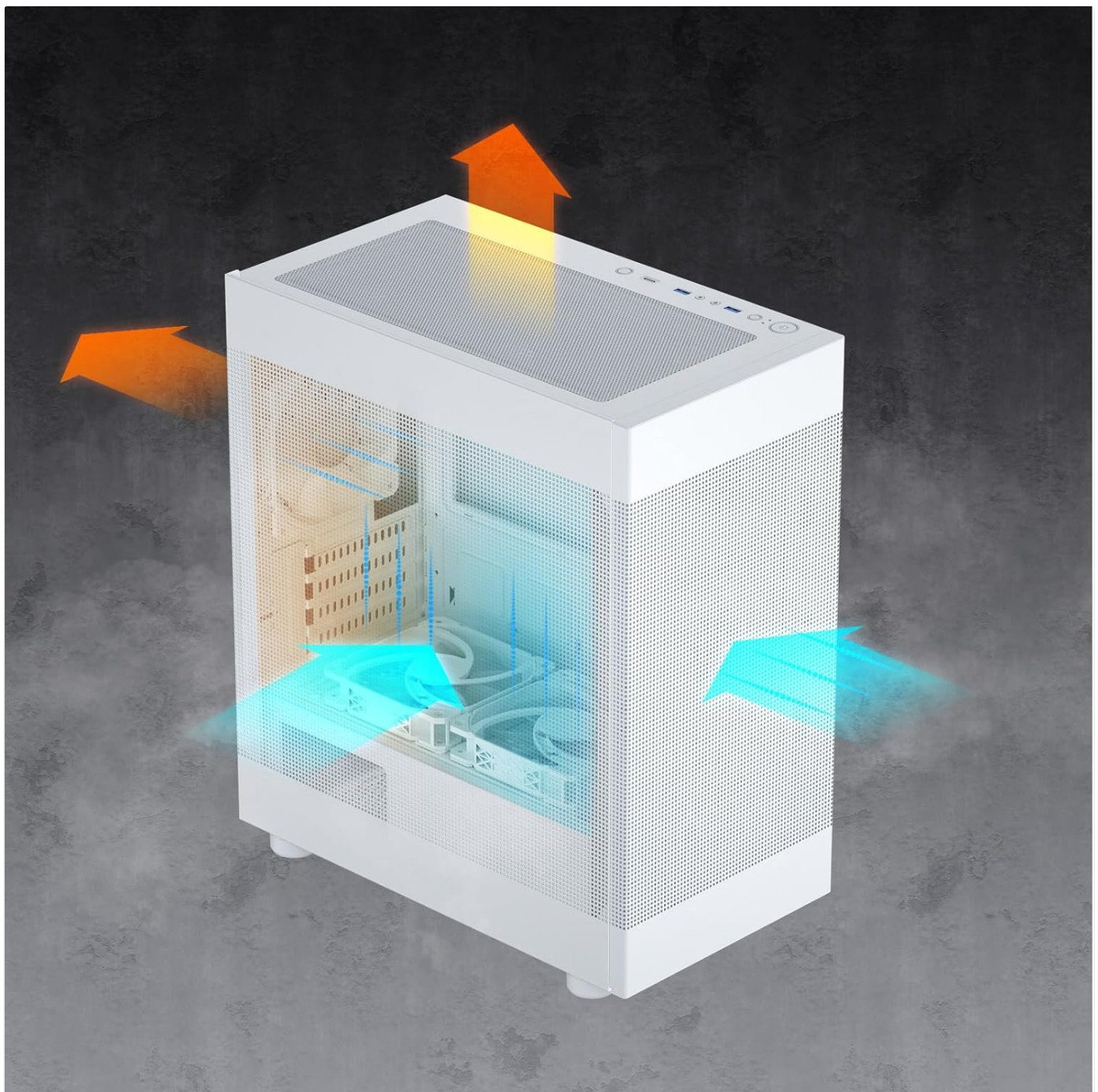Figure 2.2: Dual mesh panel design for optimal airflow.

Figure 2.3: Illustration of high-airflow design with mesh panels.

3. SPECIFICATIONS

Attribute	Detail
Brand	DARKROCK
Model Name	MH200
Case Type	Mid Tower
Color	White
Material	Metal

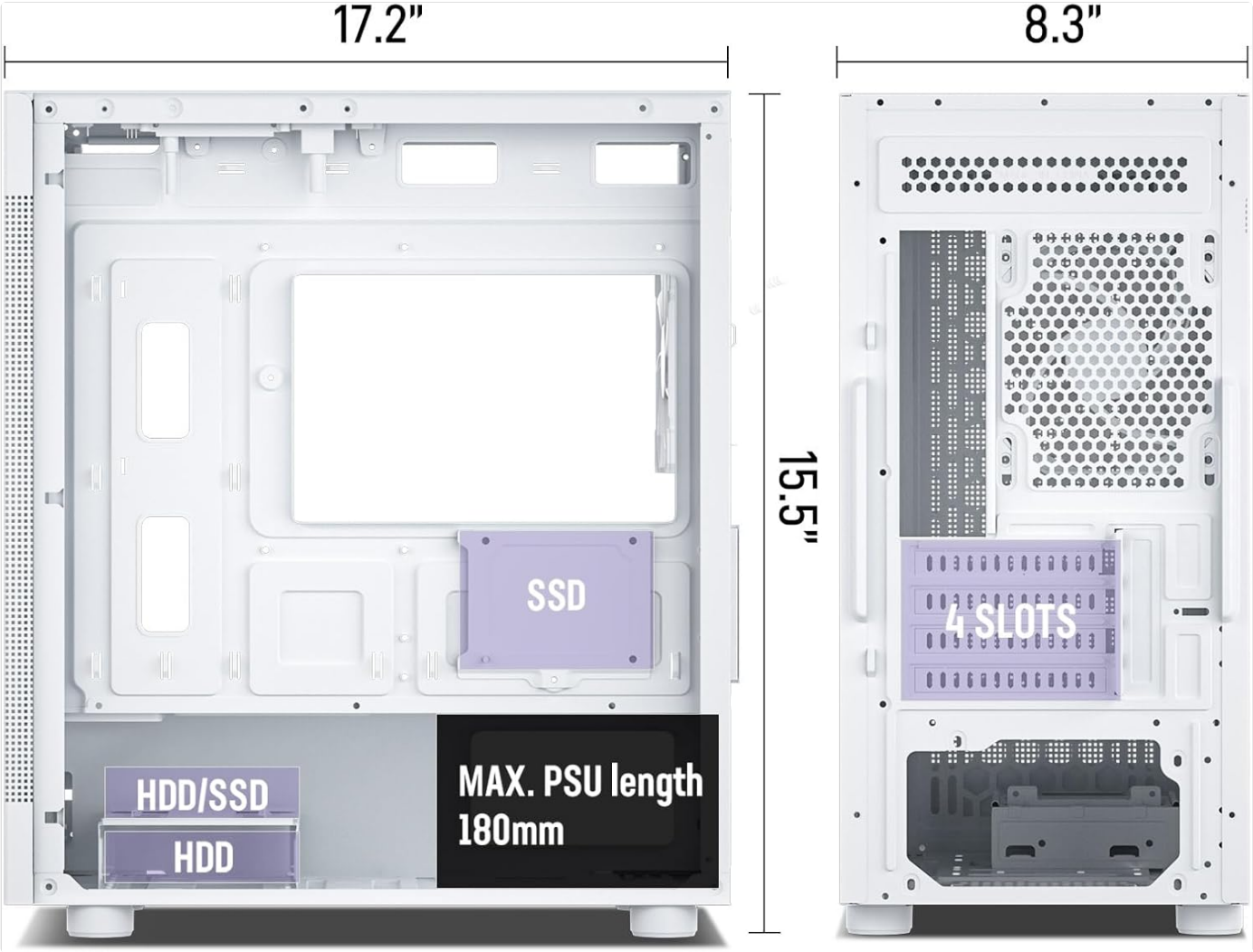|	
Motherboard Compatibility	Micro ATX, Mini ITX
Item Dimensions (LxWxH)	14.17 x 8.35 x 16.53 inches
Item Weight	8.4 pounds
Max CPU Cooler Height	165mm
Max GPU Length	330mm
Power Supply Mounting Type	Bottom Mount
I/O Ports	1x Type-C, 2x USB 3.0, Audio Jacks
Pre-installed Fan	1x 120mm ARGB fan (rear)
Fan Support	Up to 8 fans
Radiator Support	Up to 280mm (top)

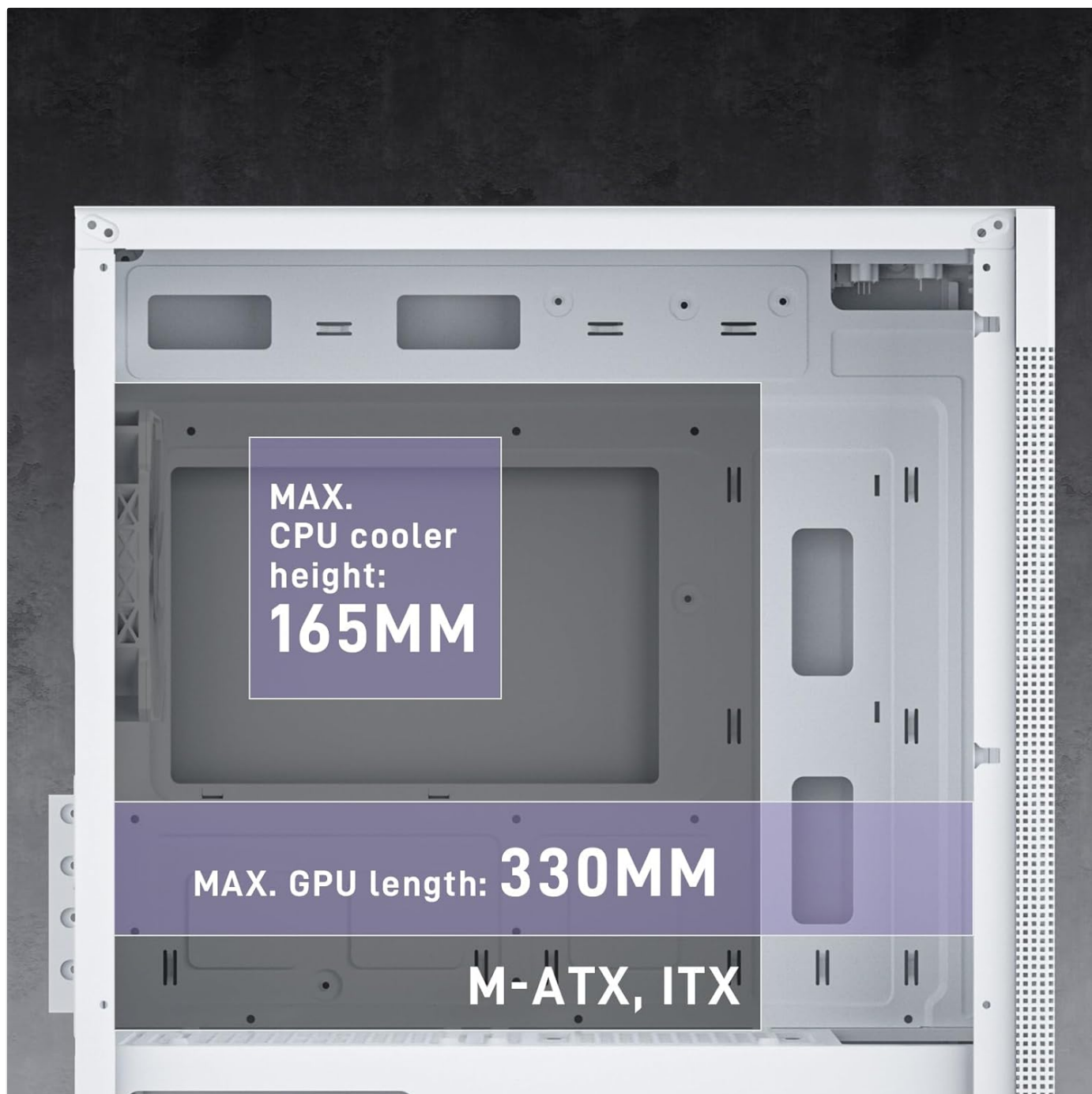Figure 3.1: Internal dimensions and drive bay locations.

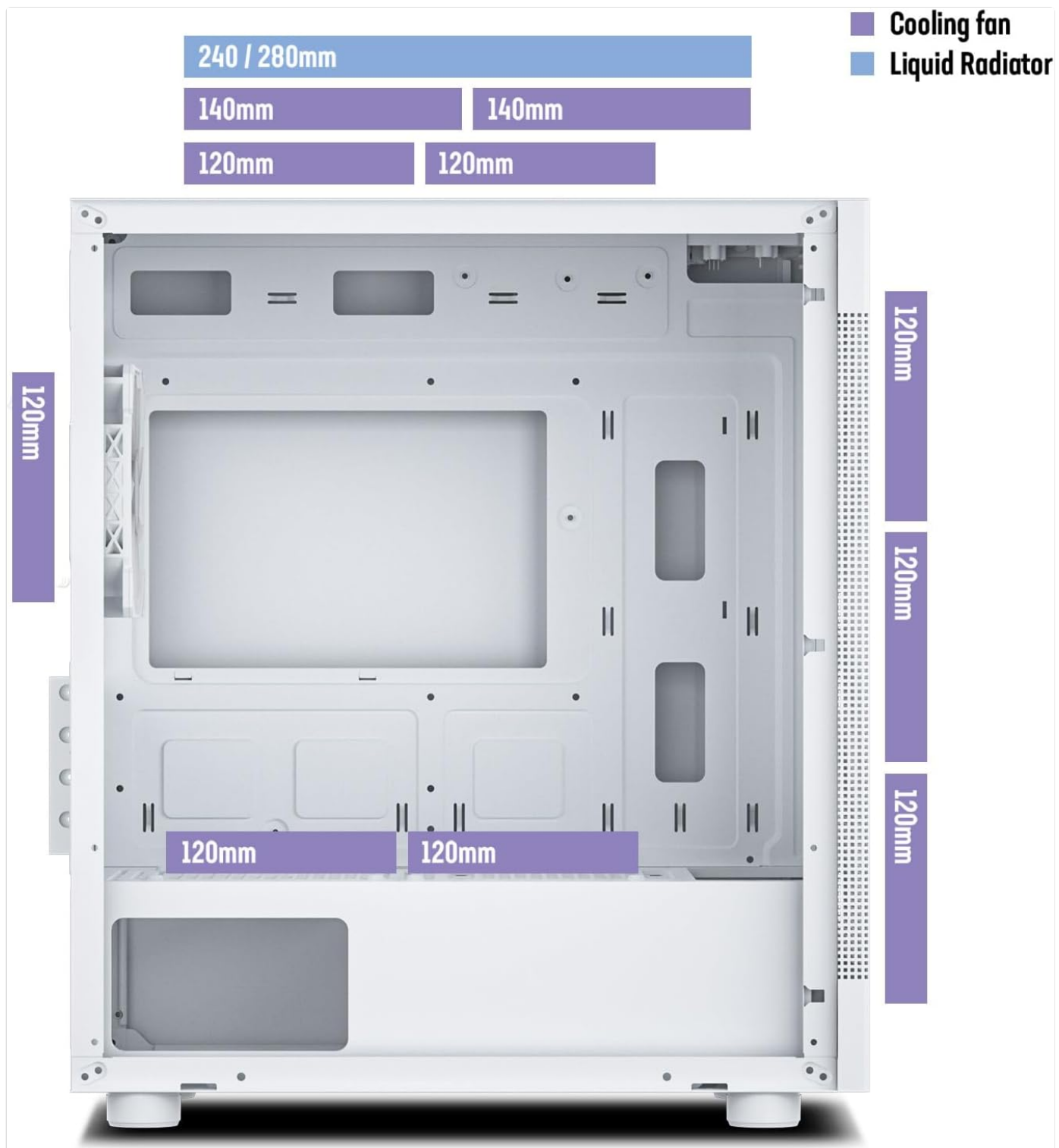Figure 3.2: Maximum CPU cooler height and GPU length supported.

Figure 3.3: Fan and liquid radiator mounting locations and sizes.

4. Package Contents

Please check the package contents upon unboxing to ensure all items are present:

- DARKROCK MH200 PC Computer Case (White)
- 1x 120mm ARGB Fan (pre-installed in rear)
- Accessory Box (screws, zip ties, standoffs, etc.)
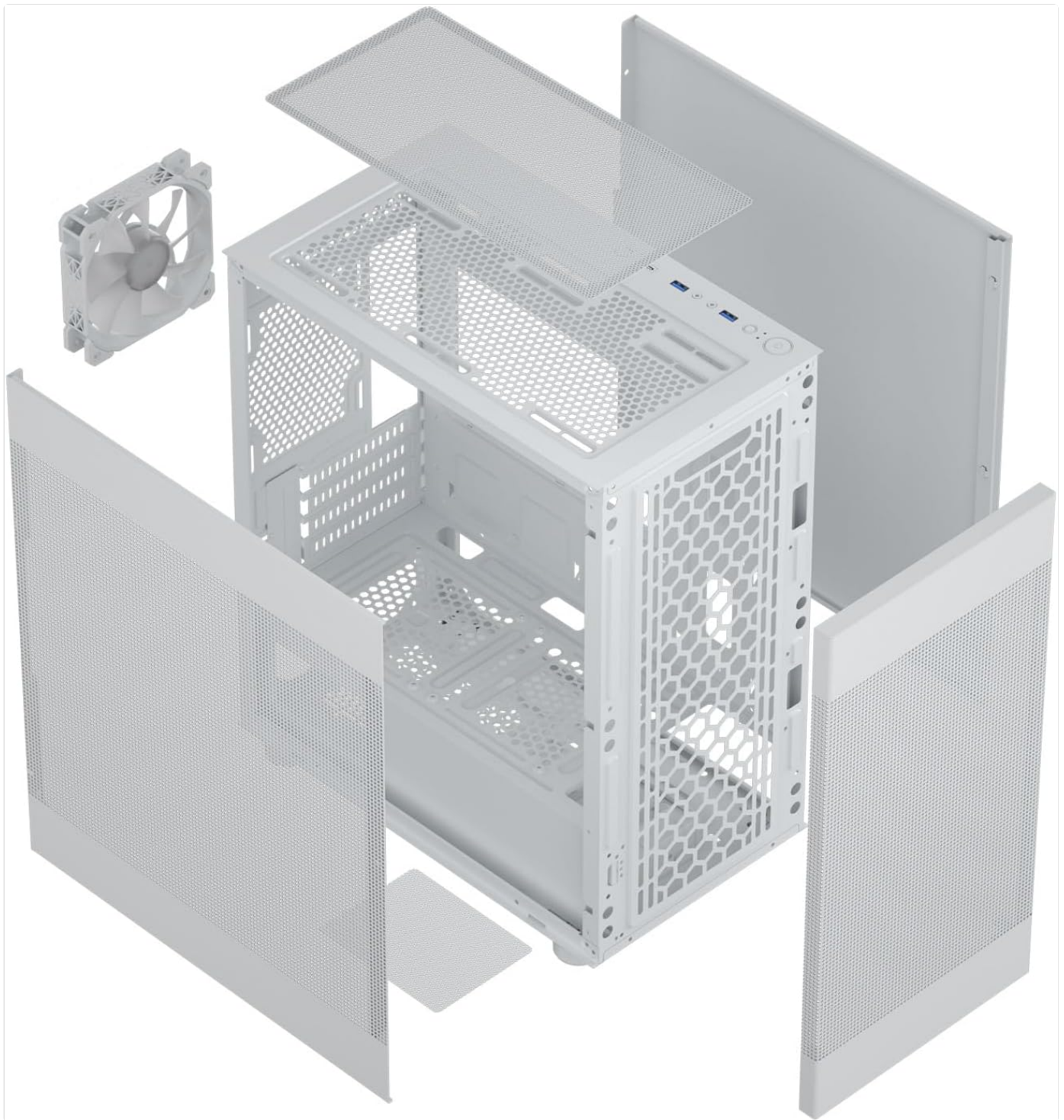- User Manual (this document)

Figure 4.1: Exploded view showing removable panels and included fan.

5. SETUP AND INSTALLATION

Follow these steps to install your components into the DARKROCK MH200 case. For detailed visual instructions, please refer to the official Installation Manual (PDF).

1. **Prepare the Case:** Carefully remove the side panels and front panel by gently pulling them away from the chassis. The mesh panels are designed for easy removal.

2. **Install Motherboard:** Secure your Micro ATX or Mini ITX motherboard onto the pre-installed standoffs using the appropriate screws from the accessory box.

3. **Install Power Supply (PSU):** Mount your power supply unit in the bottom rear compartment of the case. Ensure proper orientation for cable management.

4. **Install Storage Drives:** Install 2.5" SSDs behind the motherboard tray and 3.5" HDDs in the removable drive cage located at the bottom front.

5. **Install Graphics Card (GPU):** Insert your graphics card into the appropriate PCIe slot on your motherboard. Ensure it is securely fastened. The case supports GPUs up to 330mm in length.

6. **Install CPU Cooler:** Mount your CPU cooler. The case supports coolers up to 165mm in height.

7. **Install Additional Fans/Radiators:** Install any additional cooling fans or liquid radiators as desired. Refer to the specifications section for supported sizes and locations.

8. **Cable Management:** Route all necessary cables through the cutouts and tie-down points behind the motherboard tray for a clean build and improved airflow.

9. **Reattach Panels:** Once all components are installed and cables are managed, carefully reattach the front and side mesh panels.

6. OPERATION

The DARKROCK MH200 case features a convenient top I/O panel for easy access to essential ports and controls.
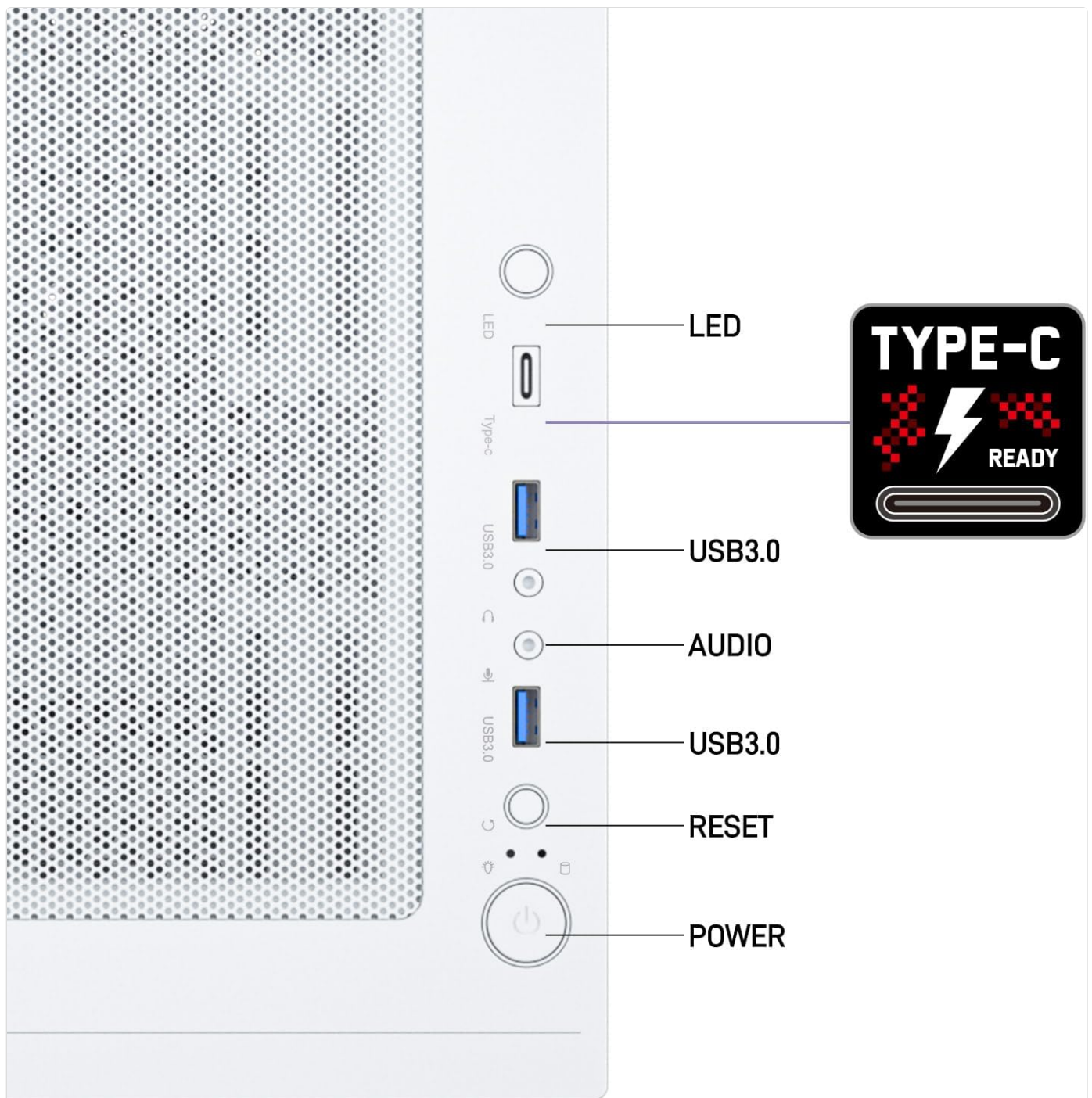
Figure 6.1: Top I/O panel layout.

- **Power Button:** Press to turn your computer on or off.

- **Reset Button:** Press to restart your computer.

- **USB 3.0 Ports:** Connect high-speed USB devices such as external hard drives, flash drives, or peripherals.

- **Type-C Port:** Connect modern USB Type-C devices for fast data transfer.

- **Audio Jacks:** Connect headphones, microphones, or speakers.

- **LED Button:** Control the lighting effects of the pre-installed ARGB fan and any other compatible ARGB components connected to the case's controller (if applicable).

7. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the lifespan of your PC components.

- **Dust Filter Cleaning:** The top and bottom panels are equipped with magnetic dust filters. Gently remove them and clean with water or a soft brush. Ensure they are completely dry before reattaching.
- **Case Cleaning:** Use a soft, damp cloth to wipe down the exterior of the case. Avoid abrasive cleaners or solvents.
- **Internal Dust Removal:** Periodically use compressed air to clear dust from internal components and fans. Ensure the system is powered off and unplugged before performing internal cleaning.

8. TROUBLESHOOTING

If you encounter issues with your DARKROCK MH200 case, refer to the common problems and solutions below:

- **No Power:**

  Solution: Ensure the power supply is properly connected to the wall outlet and the motherboard. Check all front panel header connections (Power SW, Reset SW) to the motherboard.

- **Fans Not Spinning / ARGB Not Lighting Up:**

  Solution: Verify that the fan power cables are securely connected to the motherboard or fan controller. Check ARGB connections to the motherboard's ARGB header or dedicated controller. Ensure the LED button on the I/O panel is functioning.

- **USB Ports Not Working:**

  Solution: Confirm that the USB 3.0 and Type-C headers from the case are correctly plugged into the corresponding ports on your motherboard.

- **Audio Jacks Not Working:**

  Solution: Ensure the HD Audio cable from the case is properly connected to the audio header on your motherboard.

- **Excessive Dust Buildup:**

  Solution: Regularly clean the magnetic dust filters on the top and bottom panels. Consider increasing fan airflow or adjusting fan curves if temperatures are high due to dust.
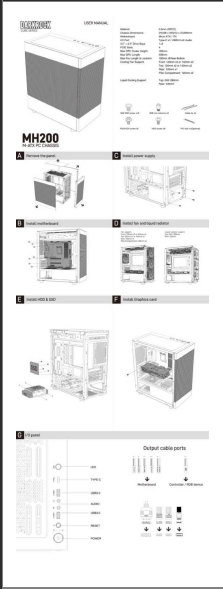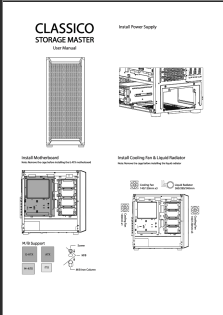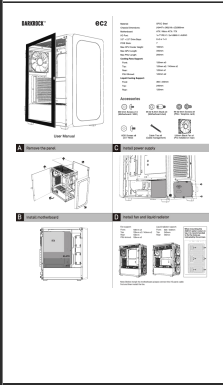
9. WARRANTY AND SUPPORT

DARKROCK products are manufactured to high quality standards. For warranty information, technical support, or to contact customer service, please visit the official DARKROCK store on Amazon or their official website.
Official DARKROCK Store: https://www.amazon.com/stores/DARKROCK/page/05A96EC3-7BC6-4877-926F-CDD98356ADCA

Related Documents

[DARKROCK MH200 M-ATX PC Chassis - Installation and User Manual](#)
Detailed installation guide and specifications for the DARKROCK MH200 M-ATX PC Chassis.
Learn how to install components like motherboards, power supplies, storage drives, and graphics
cards in this compact and high-airflow computer case.

[DARKROCK Classico Storage Master ATX Computer Case User Manual](#)
Comprehensive user manual for the DARKROCK Classico Storage Master ATX mid-tower
computer case, detailing installation of power supply, motherboard, cooling, storage drives, GPU,
I/O panel, and specifications.

[DarkRock EC2 PC Case User Manual](#)
User manual for the DarkRock EC2 ATX PC Case, detailing installation steps for motherboard,
power supply, fans, liquid radiators, HDDs, SSDs, and graphics cards. Includes I/O panel
information and specifications.

Documents - DARKROCK – MH200

[DARKROCK MH200 M-ATX PC Chassis - Installation and User Manual](#)

Detailed installation guide and specifications for the DARKROCK MH200 M-ATX PC Chassis. Learn how to install components like motherboards, power supplies, storage drives, and graphics cards in this compact and high-airflow computer case.

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