

darkFlash DB330 MESH

darkFlash DB330M MESH Micro-ATX PC Case Instruction Manual

Model: DB330 MESH | Brand: darkFlash

1. PRODUCT OVERVIEW

The darkFlash DB330M MESH is a Micro-ATX PC case designed for high heat dissipation and optimal airflow. It features a full mesh front panel and comes with three pre-installed PWM ARGB fans to ensure efficient cooling and dynamic lighting effects. This case supports various components, offering a user-friendly experience for PC builders.

2. KEY FEATURES

- **High Airflow Mesh Front Panel:** Provides superior intake and lower temperatures compared to panoramic cases.
- **Pre-installed 3x DR08 PWM ARGB Fans:** Ensures powerful cooling and vibrant RGB effects right out of the box.
- **Vertical Airflow Cooling:** Two fan positions above the power supply direct airflow to the graphics card for improved cooling.
- **Thoughtful Design:** Includes magnetic dust filters on the top and panel to keep components clean.
- **Easy Installation:** User-friendly design facilitates hassle-free cable management and component access.

3. SPECIFICATIONS

Feature	Detail
Brand	darkFlash
Model Name	DB330 MESH
Motherboard Compatibility	Micro ATX
Case Type	Midi Tower

Color	Black
Material	Plastic, Tempered Glass
Product Dimensions (D x W x H)	8.58" x 13.11" x 15.75"
Power Supply Mounting Type	Bottom Mount
Cooling Method	Air, Water
Total USB 3.0 Ports	1
Special Features	Built-In Fan, Dust Filter, RGB Lighting
Internal Bays Quantity	3
Max GPU Length	305mm
Max CPU Cooler Height	180mm
Radiator Support	Up to 240mm on top

4. SETUP AND INSTALLATION

This section provides a general guide for installing components into your darkFlash DB330M MESH PC case. Always refer to your component manuals for specific installation instructions.

4.1 Preparing the Case

Before installing components, ensure the case is placed on a stable, flat surface. Remove the side panels and any protective films.

EASY TO INSTALL

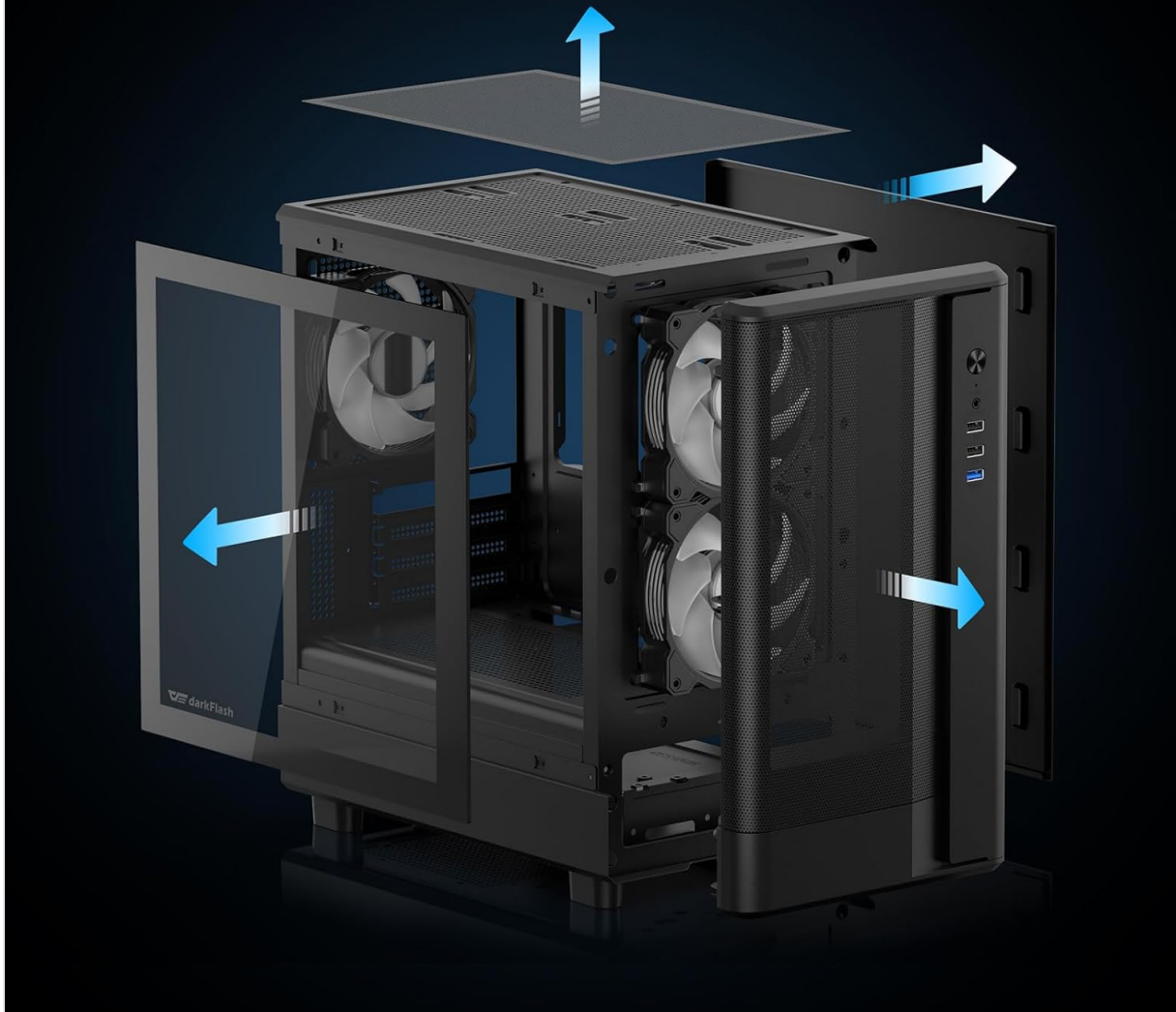


Figure 4.1: The darkFlash DB330M MESH PC Case with side panels and front mesh removed, illustrating the ease of access for component installation.

4.2 Component Compatibility and Placement

- **Motherboard:** Supports Micro ATX and ITX motherboards. Install the motherboard onto the standoffs provided.
- **Graphics Card:** Maximum length of 305mm. Ensure your GPU fits within this specification.
- **CPU Cooler:** Maximum height of 180mm for air coolers.
- **Power Supply (PSU):** Supports standard size PSUs with a maximum length of 180mm, mounted at the bottom.
- **Radiator:** Up to 240mm AIO liquid cooling systems can be installed on the top panel.

MATX PC CASE

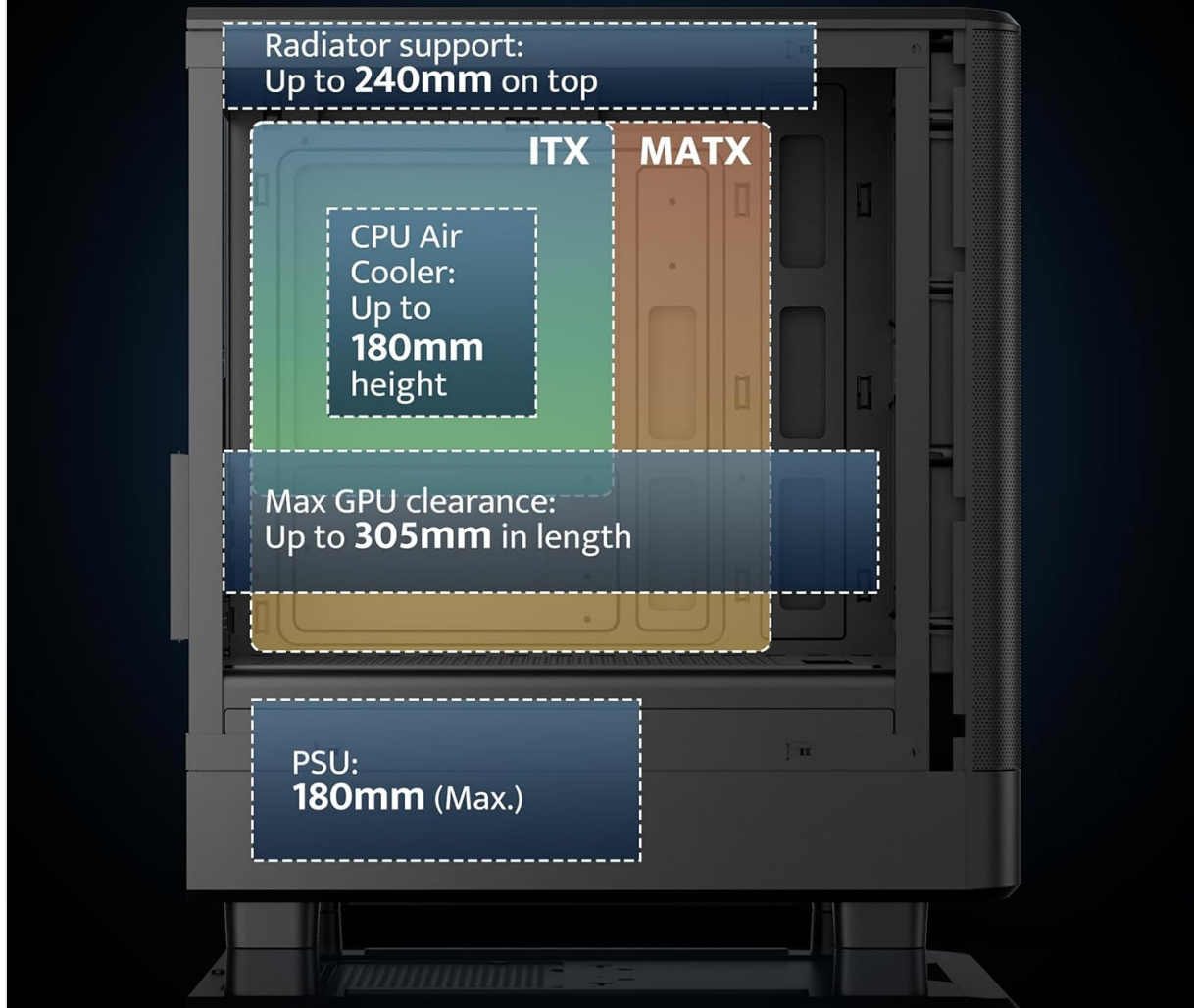


Figure 4.2: Internal layout and maximum dimensions for motherboard (ITX, MATX), CPU air cooler, GPU, and PSU.

4.3 Fan Configuration

The case comes with three pre-installed 120mm PWM ARGB fans. Two are located at the front for intake, and one at the rear for exhaust. Additional fan positions are available at the top (up to 2x 120mm/140mm) and bottom (up to 2x 120mm) for enhanced cooling.

PRE-INSTALLED 3 × 120MM PWM ARGB 1600RPM FANS



Figure 4.3: Illustration of the pre-installed 120mm PWM ARGB fans and their placement within the case.

OPTIMIZED AIRFLOW CHANNELS

Natural vertical air ducts for efficient heat dissipation

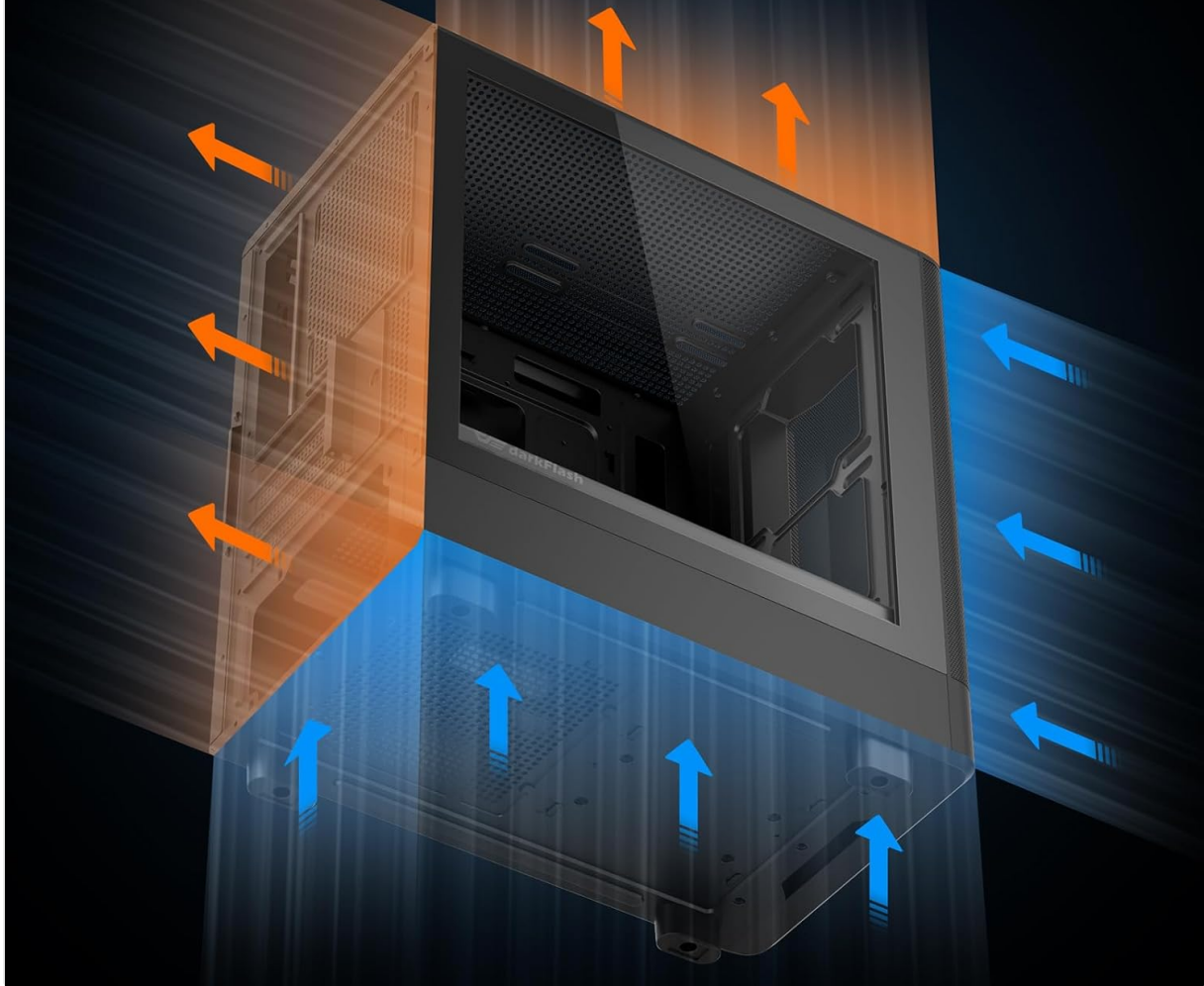


Figure 4.4: Optimized airflow channels demonstrating natural vertical air ducts for efficient heat dissipation.

5. OPERATING INSTRUCTIONS

5.1 I/O Panel Functions

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

- **Power Button:** To turn the system on or off.
- **HD Audio Ports:** For connecting headphones and microphones.
- **USB 2.0 Ports:** For connecting peripherals.
- **USB 3.0 Port:** For high-speed data transfer.

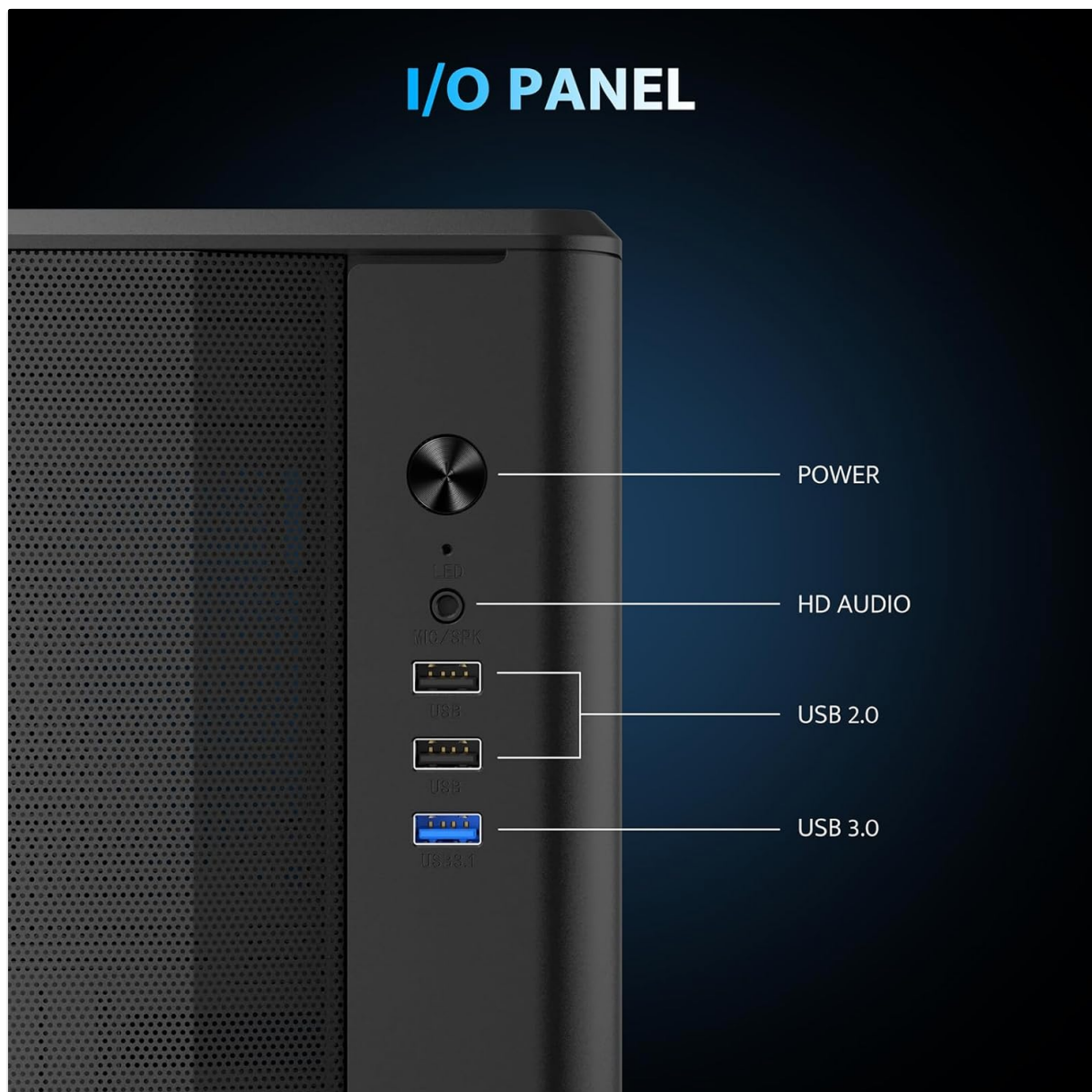


Figure 5.1: Detailed view of the I/O panel and its functionalities.

5.2 ARGB Fan Control

The pre-installed fans are PWM ARGB fans. Their lighting effects can be controlled via your motherboard's ARGB software if your motherboard supports it. Please note that an ARGB Hub Controller is not included with the case.

6. MAINTENANCE

6.1 Dust Filter Cleaning

The darkFlash DB330M MESH PC case is equipped with magnetic dust filters on the top and a panel dust filter to prevent dust accumulation. Regularly clean these filters to maintain optimal airflow and cooling performance.

- To clean the top dust filter, gently lift and detach the magnetic filter.
- Use a soft brush or compressed air to remove accumulated dust.
- Reattach the filter once clean.

LARGE COOLING HOLES ON TOP

Support **240mm** AIO to enhance heat dissipation

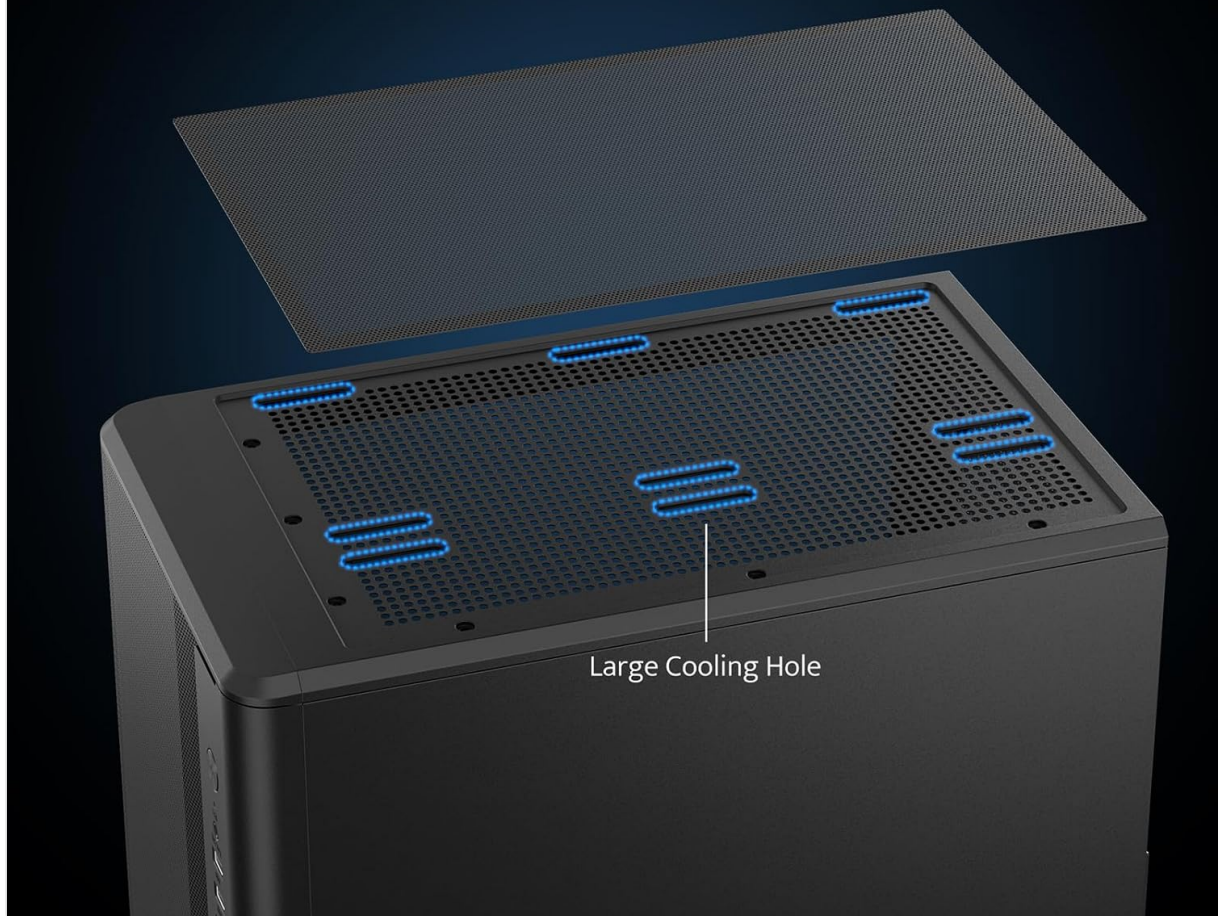


Figure 6.1: Top panel with magnetic dust filter and large cooling holes for AIO support.

HIGH-AIRFLOW DUSTPROOF MESH FRONT PANEL



Figure 6.2: High-airflow dustproof mesh front panel, which also acts as a dust filter.

6.2 General Cleaning

Use a soft, dry cloth to wipe down the exterior of the case. Avoid using harsh chemicals or abrasive materials that could damage the finish.

7. TROUBLESHOOTING

If you encounter issues with your PC build, consider the following general troubleshooting steps:

- **No Power:** Ensure all power cables (PSU to wall, PSU to motherboard, CPU, GPU) are securely connected. Check the power button connection to the motherboard.
- **Fans Not Spinning/No RGB:** Verify fan power connections to the motherboard or fan controller. Check ARGB connections for lighting issues. Ensure your motherboard's BIOS/UEFI settings or software are configured correctly for fan control and RGB.
- **Overheating:** Confirm all fans are spinning in the correct direction for optimal airflow. Ensure dust filters are clean and not obstructing airflow. Check CPU cooler and GPU cooler installations.
- **USB Ports Not Working:** Check the USB header connections from the front I/O panel to the motherboard.

For more specific issues, consult the manuals for your individual components (motherboard, GPU, PSU, etc.) or seek assistance from a qualified technician.

8. WARRANTY AND SUPPORT

The darkFlash DB330M MESH PC Case comes with a **1-year warranty**. For warranty claims or technical support, please contact darkFlash customer service through their official website or the retailer where the product was purchased. Keep your proof of purchase for warranty validation.