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> [darkFlash DB330M Micro-ATX PC Case Instruction Manual](#)

darkFlash DB330M

darkFlash DB330M Micro-ATX PC Case Instruction Manual

Model: DB330M | Brand: darkFlash

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your darkFlash DB330M Micro-ATX PC Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and safe usage. The DB330M case features a 270° panoramic tempered glass panel, pre-installed PWM ARGB fans, and a high-speed I/O panel.

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 care to prevent breakage. Avoid impacts or sharp objects.
- Wear anti-static gloves or use an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to sensitive components.
- Keep small parts and screws away from children.
- Ensure proper ventilation around the PC case to prevent overheating.

PACKAGE CONTENTS

Verify that all items are present in the package:

- darkFlash DB330M Micro-ATX PC Case
- 3 x Pre-installed PWM ARGB Fans
- Accessory Box (screws, cable ties, etc.)
- User Manual (this document)

FEATURES OVERVIEW

- **270° Panoramic Tempered Glass:** Provides an expansive view of internal components and RGB lighting.
- **High-Speed I/O Panel:** Includes USB 3.0 and Type-C ports for fast data transfer.
- **Vertical Airflow Cooling:** Optimized design with pre-installed fans for efficient heat dissipation.
- **Magnetic Dust Filters:** Located on top and bottom to keep components clean.
- **Easy Installation:** User-friendly design for hassle-free assembly and maintenance.

SPECIFICATIONS

Feature	Specification
Model Name	DB330M PC CASE
Dimensions (LxWxH)	8.58"D x 13.11"W x 15.75"H (218mm x 333mm x 400mm)
Motherboard Compatibility	Micro ATX, ITX
Case Type	Midi Tower
Material	Plastic, Tempered Glass
Pre-installed Fans	3 x 120mm PWM ARGB Fans
Max CPU Cooler Height	180mm
Max GPU Clearance	305mm
Radiator Support (Top)	Up to 240mm
Power Supply Mounting Type	Bottom Mount (Max 140mm PSU length)
I/O Ports	1 x USB 3.0, 1 x Type-C, Audio In/Out

SETUP AND INSTALLATION

1. Accessing the Interior (Quick Release Design)

The darkFlash DB330M features a quick-release design for easy access to internal components. The tempered glass panels can be removed by gently pulling them away from the chassis. The top panel also detaches for fan/radiator installation.

QUICK RELEASE DESIGN

- Easy to Install
- Explosion-Proof Glass

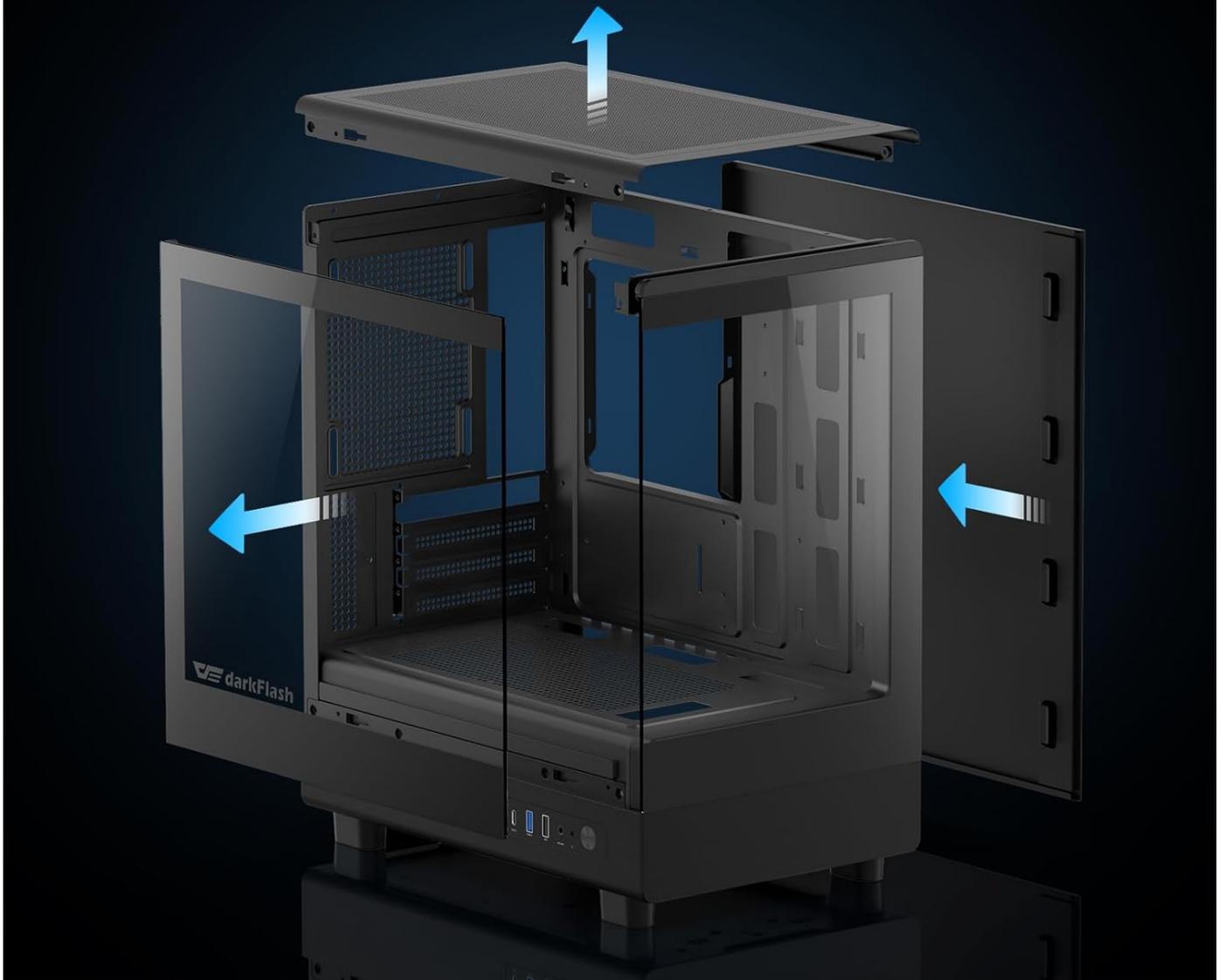
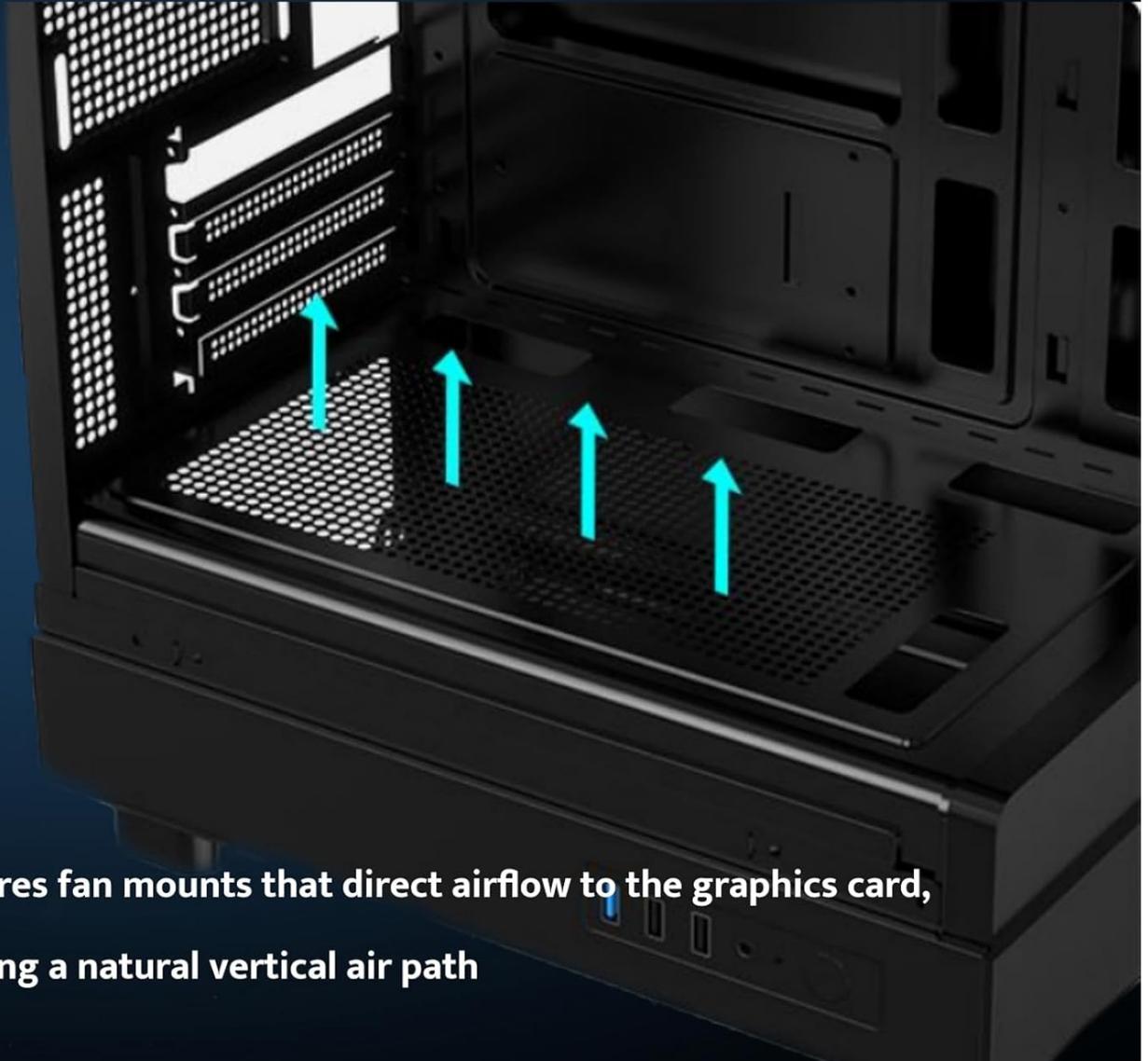


Figure 1: Quick Release Design for easy panel removal. Panels are designed for easy installation and are explosion-proof.

2. Motherboard Installation

Install your Micro-ATX or ITX motherboard into the designated area. Ensure standoffs are correctly aligned and secured. The case supports CPU coolers up to 180mm in height and GPUs up to 305mm in length.

BOTTOM VENTILATION



Features fan mounts that direct airflow to the graphics card, forming a natural vertical air path

Figure 2: Internal dimensions and component clearance for the MATX PC case, including radiator, CPU cooler, GPU, and PSU.

3. Fan and Cooling System Installation

The case comes with three pre-installed 120mm PWM ARGB fans. Two fans are located at the top, and one at the rear. Additional fan mounts are available at the bottom (up to 2 x 120mm) for enhanced airflow. The case supports a 240mm AIO radiator on the top panel.

INCLUDES 3 X 120MM PWM ARGB FANS 1600RPM

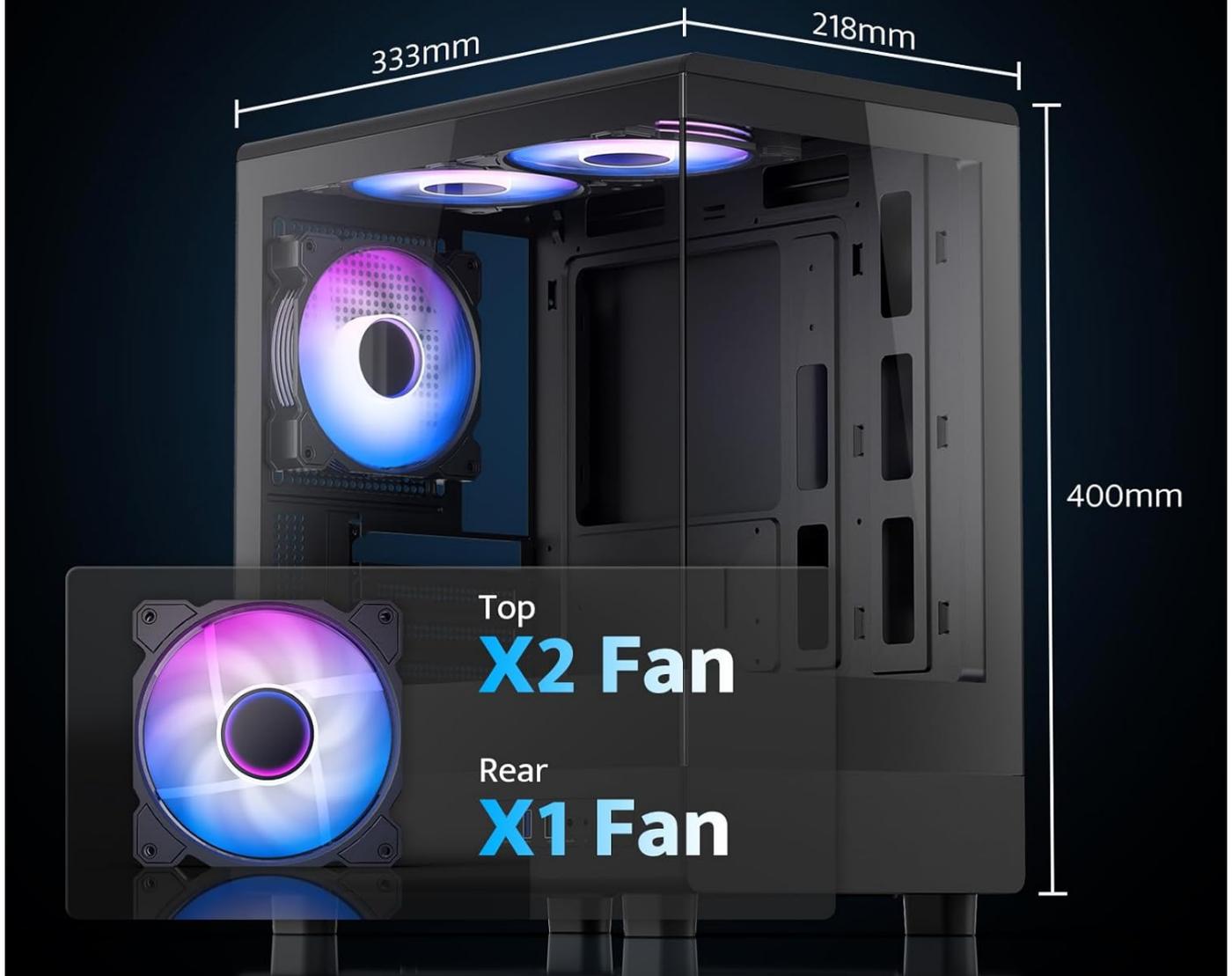


Figure 3: Pre-installed fan configuration and case dimensions. The case includes 3 x 120mm PWM ARGB fans.

The pre-installed fans are PWM ARGB type, offering speed adjustment and rich lighting modes with motherboard synchronization. *Note: An RGB hub controller is not included.*

darkFlash PWM ARGB FANS PK ORDINARY FANS

FAN COMPARISON



Fan type Companion Item	PWM ARGB FAN	PWM Fan	ARGB Fan	RGB Fan
High Cost	✓	✗	✗	✗
Speed Adjustable	✓	✓	✗	✗
Rich Light Mode	✓	✗	✓	✗
MoBo Light Sync	✓	✗	✓	✗ (UNSURE)

Figure 4: Comparison of darkFlash PWM ARGB fans with other fan types, emphasizing their advanced features.

4. Power Supply and Storage Installation

Install your power supply unit (PSU) in the bottom mount. The case supports PSUs up to 140mm in length. Utilize the standard hard drive cage for storage devices.

5. Connecting Front I/O Panel

Connect the front I/O panel cables to your motherboard. The panel includes a Type-C port, USB 3.0 port, and USB 2.0 port for various connectivity needs.

EXQUISITE TEXTURE & HIGH SPEED IO PANEL



Figure 5: High-speed I/O panel with Type-C, USB 3.0, and USB 2.0 ports.

6. Cable Management

Utilize the cable routing options and tie-downs behind the motherboard tray to ensure clean cable management. This improves airflow and aesthetics.

OPERATING INSTRUCTIONS

1. Powering On

After all components are securely installed and connected, plug in the power cable to your PSU and press the power button on the front I/O panel to start your system.

2. ARGB Fan Control

The pre-installed ARGB fans can be controlled via compatible motherboard software (if connected to an ARGB header) to

customize lighting effects and fan speeds. Refer to your motherboard manual for specific software instructions.

3. Airflow Configuration

The DB330M is designed with optimized airflow channels. The pre-installed fans facilitate vertical airflow, with the fan above the PSU directing air towards the graphics card. Ensure no obstructions block the airflow paths.

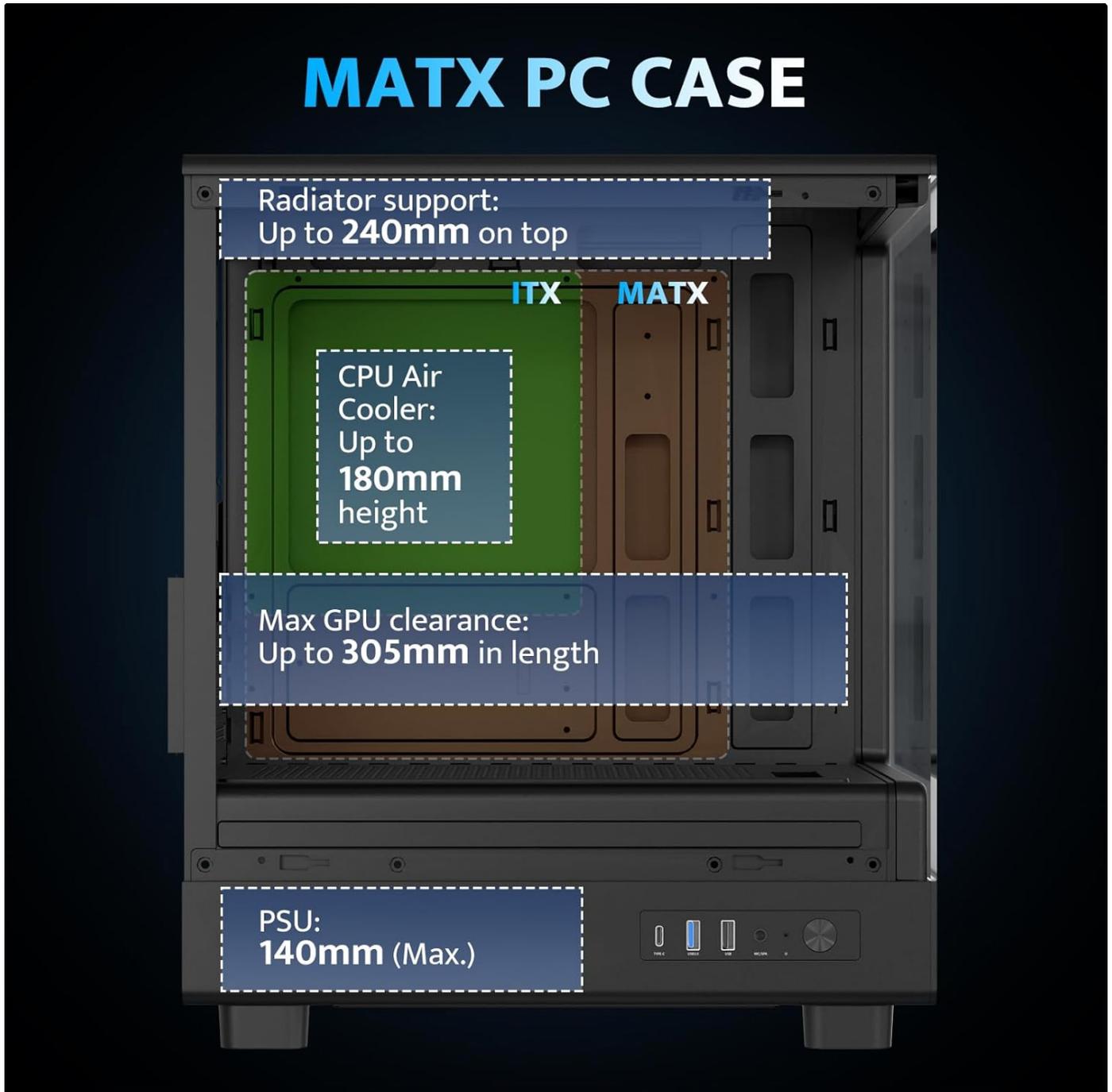


Figure 6: Optimized airflow channels for efficient cooling. Air is drawn from the bottom and exhausted through the top and rear.

OPTIMIZED AIRFLOW CHANNELS



Figure 7: Bottom ventilation with fan mounts designed to create a vertical air path for GPU cooling.

MAINTENANCE

1. Dust Filter Cleaning

Regularly clean the magnetic dust filters located on the top and bottom of the case. Gently remove the filters and clean them with compressed air or a soft brush. Reattach them securely after cleaning.

2. General Cleaning

Use a soft, dry cloth to wipe down the exterior of the case. For tempered glass panels, use a glass cleaner and a microfiber cloth. Avoid abrasive cleaners or solvents.

TROUBLESHOOTING

- **PC Not Powering On:**

- Ensure the power supply is properly connected to the wall and the PSU switch is in the 'ON' position.
- Verify all power cables from the PSU are securely connected to the motherboard and components.
- Check the front panel power switch connection to the motherboard.

- **Fans Not Spinning/RGB Not Working:**

- Confirm fan power cables are connected to the motherboard or fan controller.
- Ensure ARGB cables are connected to a compatible ARGB header on the motherboard or an ARGB controller.
- Check motherboard software settings for fan speed and RGB control.

- **USB Ports Not Functioning:**

- Verify the front panel USB 3.0 and Type-C cables are correctly plugged into the corresponding headers on your motherboard.
- Ensure motherboard drivers are up to date.

WARRANTY AND SUPPORT

darkFlash provides a **1-year assurance** for this computer case. For technical support, warranty claims, or further assistance, please contact darkFlash customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.

Official darkFlash Website: www.darkflash.com

