

Fractal Design FD-C-POR1M-01

Fractal Design Pop Mini Air RGB PC Case Instruction Manual

Model: FD-C-POR1M-01

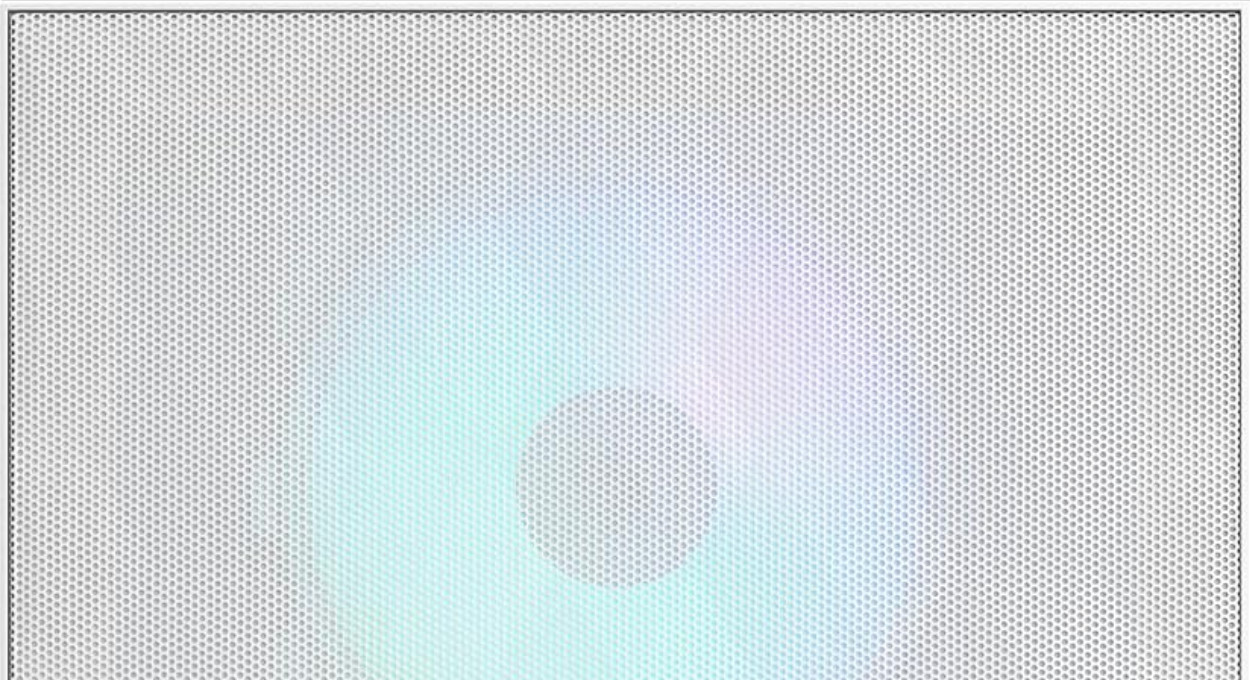
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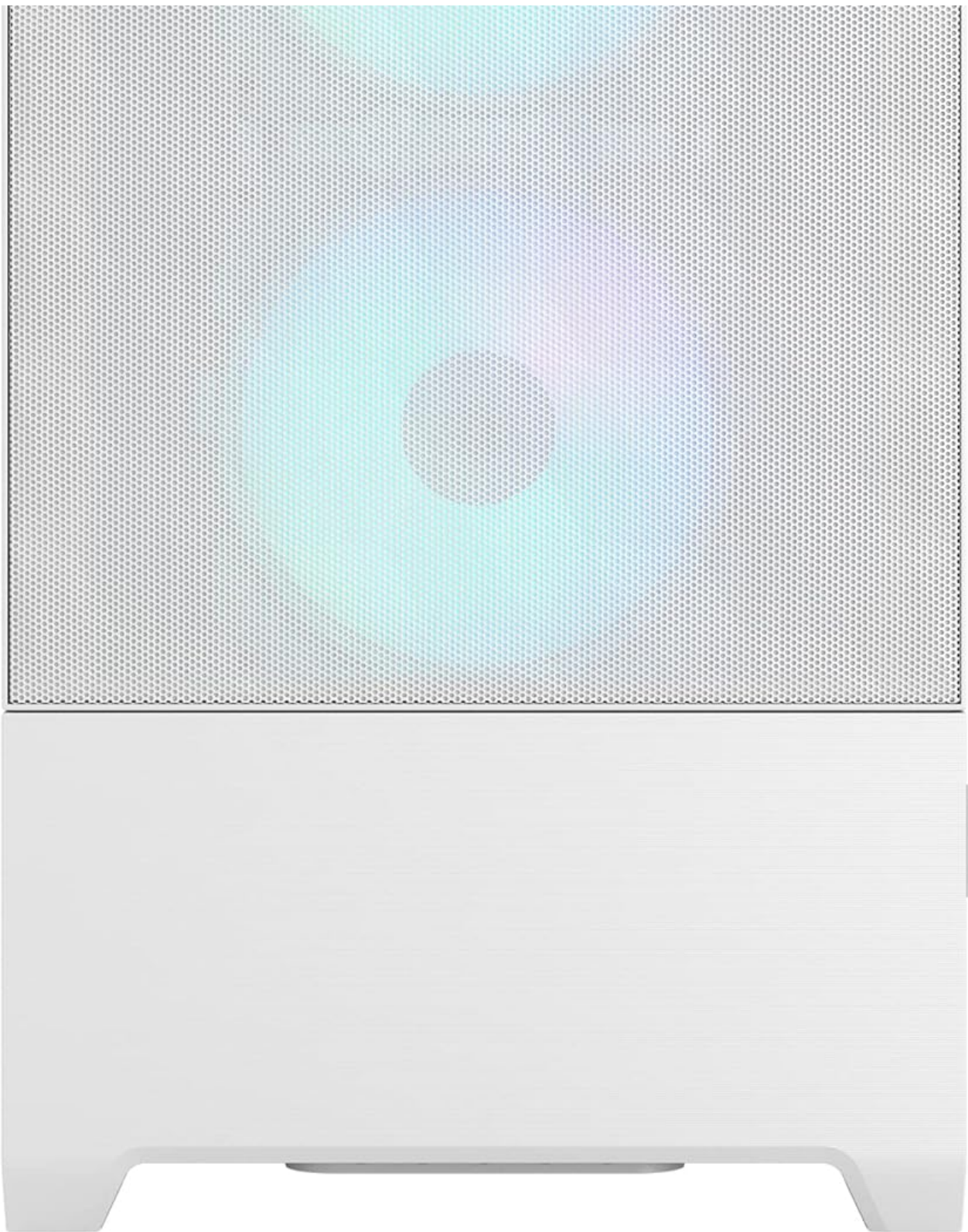
1. PRODUCT OVERVIEW

The Fractal Design Pop Mini Air RGB PC Case (Model: FD-C-POR1M-01) is a mini-tower computer case designed to accommodate mATX and Mini ITX motherboards. It features a tempered glass side panel, three pre-installed 120mm Aspect RGB fans, and a mesh front panel for optimal airflow. The case also includes convenient storage solutions and cable management features.



Front view of the Fractal Design Pop Mini Air RGB PC Case, showcasing the mesh panel and illuminated RGB fans.





Interior view of the Fractal Design Pop Mini Air RGB PC Case, highlighting the spacious layout and component compatibility.

2. SETUP AND INSTALLATION

2.1 Unpacking the Case

Carefully remove the PC case from its packaging. Inspect for any damage during transit. Retain all packaging materials for future transport or warranty claims.

2.2 Removing Side Panels

The tempered glass side panel is secured by two thumbscrews at the rear. Unscrew these and gently pull the panel away from the chassis. The opposite side panel can be removed similarly.



Rear angle view of the PC case, showing the thumbscrews for the tempered glass side panel.

2.3 Motherboard Installation

The Pop Mini Air supports mATX and Mini ITX motherboards. Install your motherboard onto the pre-installed standoffs. Ensure all screws are tightened securely.

2.4 Power Supply Installation

The power supply mounts at the bottom rear of the case. Slide the power supply into its designated bay and secure it with screws from the rear. The case supports ATX power supplies up to 170mm in length.

2.5 Storage Drive Installation

The case offers versatile storage options:

- **SSD Trays:** Two SSD trays are located behind the motherboard tray. These trays can be easily removed for installation and can also be mounted on the power supply cover for display.
- **HDD/SSD Bays:** Two removable storage trays are located in the bottom section of the case, supporting both 3.5-

inch and 2.5-inch drives.

- **5.25" Bays:** Two neatly concealed 5.25" bays with a storage drawer and magnetic cover are accessible at the front bottom of the case.



Rear interior view showing SSDs mounted on the motherboard tray.

2.6 Graphics Card and CPU Cooler Installation

The case supports graphics cards as long as 405mm and CPU coolers up to 170mm tall. Install these components according to their respective manufacturer's instructions.

2.7 Cable Management

Utilize the multiple large cable routing channels and pre-installed Velcro cable ties behind the motherboard tray to manage cables effectively. This ensures optimal airflow and a clean build appearance.



Rear interior view demonstrating cable management options.

3. OPERATING THE PC CASE

3.1 Front I/O Panel

The front I/O panel is located on the top right side of the case and includes:

- 1 x USB Type-C connection (Note: May require an optional accessory for full functionality)
- 2 x USB 3.0 ports

- 1 x USB 2.0 port
- Headphone jack
- Microphone jack
- Small button for RGB controller
- Larger power button



Close-up of the top I/O panel with USB ports, audio jacks, and power/RGB buttons.

3.2 RGB Fan Control

The three pre-installed Aspect RGB fans can be controlled via a dedicated button on the top I/O panel or connected to your motherboard's ARGB header for software control. Pressing the button cycles through various colors and lighting effects. Pressing and holding the button will stop on the current color.

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Official product video showcasing the Fractal Design Pop series, including RGB lighting effects and design features.

4. MAINTENANCE

4.1 Dust Filter Cleaning

The case features a removable magnetic dust filter on the top panel and a pull-out filter at the rear for the power supply. Regularly clean these filters to maintain optimal airflow and prevent dust buildup inside the case.



Top dust filter being removed for cleaning, revealing the fan mounts underneath.

4.2 General Cleaning

Use a soft, dry cloth to wipe down the exterior of the case. For the tempered glass panel, use a glass cleaner and a microfiber cloth to avoid scratches.

5. TROUBLESHOOTING

5.1 Fans Not Spinning/RGB Not Lighting Up

- Check all fan power connections to the motherboard or power supply.
- Ensure ARGB cables are securely connected to the motherboard header or the case's integrated RGB controller.
- If using the integrated controller, press the RGB button on the I/O panel to cycle through modes or ensure it's not turned off.

5.2 Poor Airflow/High Temperatures

- Verify that all fans are spinning correctly and oriented for proper airflow (front fans intake, rear/top fans exhaust).
- Clean all dust filters to ensure unrestricted airflow.
- Ensure no cables are obstructing fan blades or airflow paths.

5.3 Front I/O Ports Not Functioning

- Check that all front I/O cables (USB, audio) are correctly connected to the corresponding headers on your motherboard.
- Ensure the USB Type-C cable is connected to a compatible header on your motherboard (if applicable, as some models may require an optional accessory).

6. SPECIFICATIONS

Feature	Detail
Model Name	Pop Mini Air RGB White Core - Tempered Glass Clear Tint
Model Number	FD-C-POR1M-01
Motherboard Compatibility	mATX / Mini ITX
Case Type	Mini-Tower
Dimensions (LxWxH)	17.01 x 8.46 x 15.47 inches (approx. 432 x 215 x 393 mm)
Item Weight	15.93 pounds (approx. 7.23 kg)
Material	Tempered Glass, Steel
Pre-installed Fans	3 x 120mm Aspect RGB fans
Max GPU Length	405 mm
Max CPU Cooler Height	170 mm
Power Supply Mounting Type	Rear Mount (ATX up to 170mm)
Drive Bays	Up to 2 x 3.5" HDD, 6 x 2.5" SSD (or 1 x 3.5" HDD and 5 x 2.5" SSD with one optical bay in use), 2 x 5.25" ODD

Front I/O

1 x USB Type-C, 2 x USB 3.0, 1 x USB 2.0, Audio In/Out, RGB Control Button, Power Button

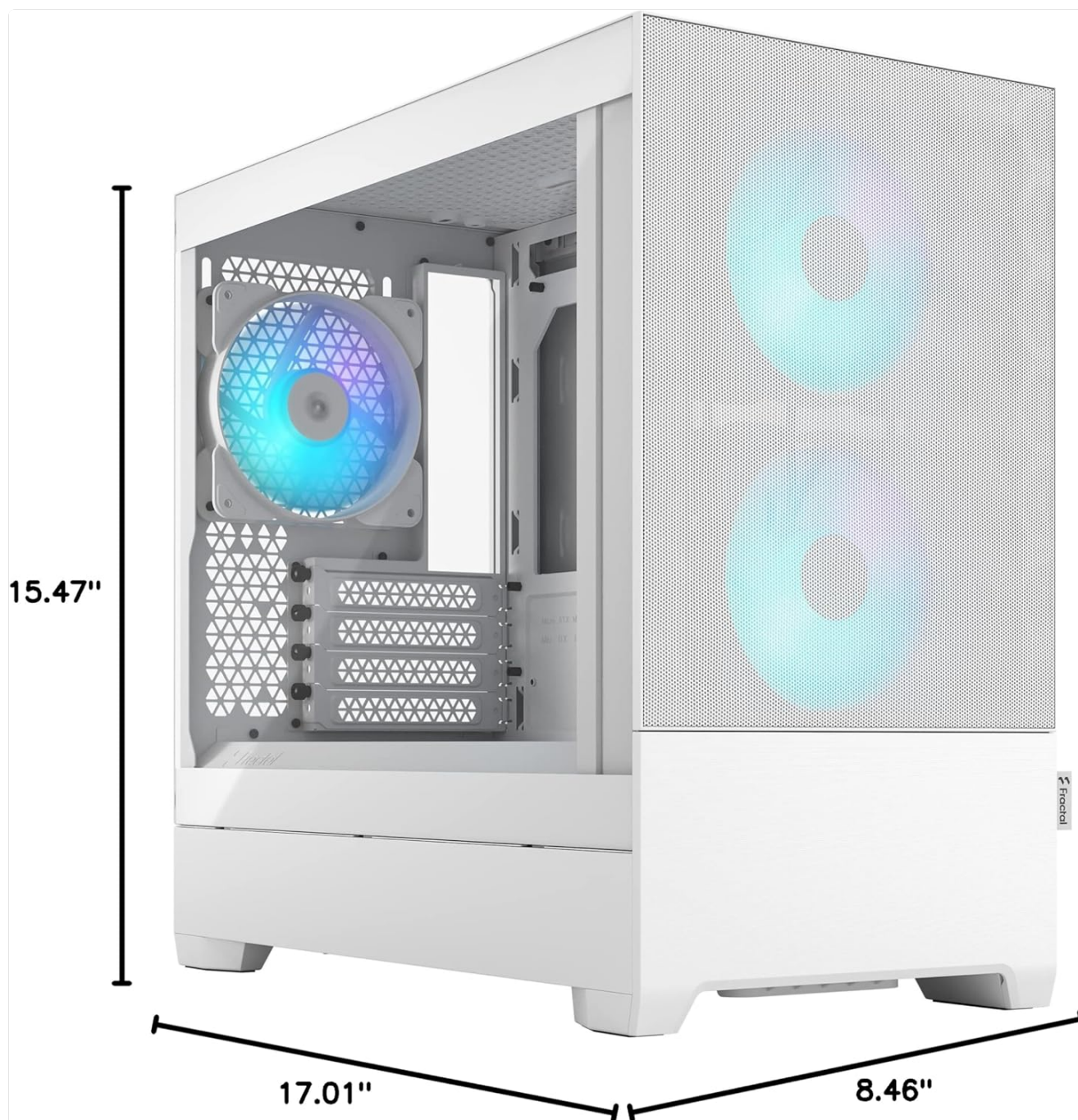


Diagram showing the dimensions of the Fractal Design Pop Mini Air RGB PC Case.

7. WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official Fractal Design website or contact their customer service. Keep your purchase receipt and product model number (FD-C-POR1M-01) handy for any inquiries.

Protection plans are available for purchase separately:

- 3-Year Protection Plan: \$13.49

- 4-Year Protection Plan: \$17.99
- Complete Protect: \$16.99/month (covers all eligible past and future purchases)