Fractal Design FD-CA-FOCUS-WT-W

Fractal Design Focus G Mid Tower Computer Case User Manual

Model: FD-CA-FOCUS-WT-W

1. Introduction

The Fractal Design Focus G is a mid-tower computer case designed to accommodate high-performance components with efficient space utilization. It features a contemporary ATX case design, high airflow capabilities, and a windowed side panel to showcase internal hardware. This manual provides essential information for the assembly, operation, and maintenance of your Focus G computer case.





Figure 1.1: Front-side view of the Fractal Design Focus G Mid Tower Computer Case.

2. Key Features

- **Contemporary ATX Case Design:** Accommodates high-performance components with smart and efficient space utilization for a compact footprint.
- **Windowed Side Panel:** Large windowed side panel included to showcase your hardware.
- **High Airflow:** Features 2x preinstalled Fractal Design Silent Series LL 120 mm White LED Fans, with a total of six fan positions available for optimal cooling.
- **Filtered Air Intakes:** Front, top, and base air intakes are filtered to ensure a dust-free interior.
- **Great Cooling Support:** Compatible with high-profile CPU coolers, multiple radiator configurations, and graphics cards up to 380 mm long without compromising hard drive space.
- **Flexible Storage Options:** Includes 2x vibration-dampened universal drive bays with support for 6TB+ HDDs and 15mm SSDs, plus an additional 2.5" mount behind the motherboard tray.

3. Setup

3.1 Internal Layout and Component Compatibility

The Focus G case supports ATX, Micro ATX, and Mini ITX motherboards. It is designed to accommodate standard ATX power supplies.

- **Maximum Power Supply Length:** 230mm
- **Maximum Graphics Card Length:** 380mm
- **Maximum CPU Heatsink Height:** 165mm





Figure 3.1: Internal view showcasing component mounting areas.

3.2 Drive Bay Configuration

The case offers versatile storage options:

- **3.5" HDD Bays:** Two vibration-dampened universal bays for 3.5" HDDs (also compatible with 2.5" SSDs).
- **2.5" SSD Mount:** One dedicated 2.5" SSD mounting position located behind the motherboard tray.
- **5.25" External Bays:** Two external 5.25" bays are available for optical drives or other compatible accessories.



Figure 3.2: Rear internal view highlighting the 2.5" SSD mount.

3.3 Fan and Cooling System

The Focus G provides extensive cooling support:

- **Front:** Supports 2x 120mm or 2x 140mm fans (2x 120mm White LED fans preinstalled).
- **Top:** Supports 2x 120mm or 2x 140mm fans.
- **Rear:** Supports 1x 120mm fan.
- **Bottom:** Supports 1x 120mm fan.

Dust filters are present on the front panel, top panel, and bottom panel (including PSU intake) to minimize dust accumulation.



Figure 3.3: Front panel removed, revealing fan mounts and dust filter.

3.4 Front I/O Panel

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

- 1x USB 3.0 Port

- 1x USB 2.0 Port
- Audio In/Out Jacks
- Power Button
- Reset Button



Figure 3.4: Top view of the front I/O panel.

4. Operating

Once all components are correctly installed and connected, ensure all external peripherals are attached. Press the power button on the front I/O panel to start your system. The system status LEDs will illuminate to indicate power and drive activity.

5. Maintenance

Regular maintenance helps ensure optimal performance and longevity of your computer case and its components.

- **Dust Filter Cleaning:** Periodically clean the dust filters located on the front, top, and bottom of the case. The front filter can be cleaned with a vacuum cleaner without removal. The bottom filter is held by metal tabs and can be removed for cleaning. The top filters are screwed in and require removal for thorough cleaning.
- **General Cleaning:** Use a soft, damp cloth to wipe down the exterior surfaces of the case. Avoid abrasive cleaners.
- **Internal Dust Removal:** Every 6-12 months, open the side panels and use compressed air to remove dust buildup from internal components, especially fans and heatsinks.

6. Troubleshooting

This section addresses common issues you might encounter with the Fractal Design Focus G case.

- **Loose Side Panels:** Ensure the thumbscrews securing the side panels are tightened. The side panels are not flat and have a slight outward curve for functionality.
- **Difficulty with USB 3.0 Front Panel Header:** The USB 3.0 header on the front panel can be difficult to disconnect from the motherboard. Exercise extreme caution to avoid damaging the motherboard header or the case's connector. If removal is necessary, consider using an extension cable with a different connector type for easier future management.
- **Missing Motherboard Standoff:** In rare cases, a motherboard standoff might be missing. While other screws provide stability, ensure all necessary standoffs are present for proper motherboard support. Replacements can often be sourced from old computer parts or by contacting support.
- **Limited Space for Cables:** While cable management cutouts are provided, space behind the motherboard tray is minimal. Careful arrangement of Molex and SATA connectors is necessary.

7. Specifications

Feature	Specification
Brand	Fractal Design
Model Name	FD-CA-FOCUS-WT-W
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro ATX, Mini ITX
Color	White
Material	Engineered
Item Weight	9.92 pounds
Product Dimensions (LxWxH)	18.27 x 8.07 x 17.48 inches
Power Supply Mounting Type	Bottom Mount
Cooling Method	Air
Light Color	White (for included fans)



Figure 7.1: Product dimensions.

8. Warranty & Support

The Fractal Design Focus G computer case typically comes with a 2-year manufacturer's warranty from the date of first availability, which was June 7, 2017.

For further support, technical assistance, or warranty claims, please visit the official Fractal Design store or contact their customer service directly.

Official Brand Store: Fractal Design Store

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