

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [Fractal Design](#) /

› [Fractal Design Epoch Black Solid PC Gaming Case User Manual](#)

## Fractal Design FD-C-EPO1A-01

# Fractal Design Epoch Black Solid PC Gaming Case User Manual

Model: FD-C-EPO1A-01

## 1. INTRODUCTION AND OVERVIEW

The Fractal Design Epoch combines clean and contemporary design with modern airflow engineering. This high-airflow PC gaming case features a mesh front, an optimized interior layout, and three powerful Momentum 12 fans to help keep top-tier components running smoothly. It offers space for a graphics card up to 372 mm in length and compatibility with up to 360 mm radiators for further thermal performance optimization. Its minimalist design, mesh patterning, and subtle visual accents, including a fabric pull tab and laser-etched aluminum badge, make it easy to stylishly integrate into any gaming station.

## Key Features:

- Contemporary design with clean lines, a tidy interior, and design details such as a laser-etched aluminum badge.
- Includes three performance Momentum 12 fans, featuring LCP blades and true FDB bearings for powerful cooling.
- Ventilated top and front mesh panels and a clean interior layout for natural airflow.
- Supports GPUs up to 372 mm in length with front-mounted fans or 345 mm with a front-mounted radiator.
- Accommodates up to a 240 mm top-mounted radiator or up to a 360 mm front-mounted radiator.



Figure 1.1: Front-left view of the Fractal Design Epoch Black Solid PC Gaming Case.

## 2. SETUP GUIDE

### 2.1 Unpacking

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

## 2.2 Component Installation

The Epoch case supports ATX, Micro ATX, and Mini ITX motherboards. Follow the general steps below for component installation:

- 1. Motherboard Installation:** Secure your motherboard to the standoffs inside the case. Ensure proper alignment with the I/O shield.
- 2. Power Supply Installation:** Install your power supply unit (PSU) in the designated bottom mount area. Route cables through the provided cutouts for clean cable management.
- 3. Storage Drive Installation:** Install 2.5-inch or 3.5-inch storage drives into the available drive bays.
- 4. Graphics Card (GPU) Installation:** Install your graphics card into the appropriate PCIe slot. The case supports GPUs up to 372 mm in length (345 mm with a front-mounted radiator).
- 5. Cooling Solutions:** The case comes with three Momentum 12 fans pre-installed. Additional fans or radiators can be installed. The case supports up to a 240 mm top-mounted radiator or up to a 360 mm front-mounted radiator.
- 6. Cable Management:** Utilize the cable routing channels and tie-down points behind the motherboard tray to ensure optimal airflow and a clean build.



Figure 2.1: Exploded view showing the various components of the Epoch case.



Figure 2.2: Internal layout of the Epoch case, highlighting component installation areas.

## 3. OPERATION

### 3.1 Airflow and Cooling

The Fractal Design Epoch is engineered for high airflow to ensure optimal cooling performance for your components. The mesh front panel and ventilated top panel facilitate unrestricted air intake and exhaust. The three pre-installed Momentum 12 fans are strategically placed to create an efficient airflow path, drawing cool air in and expelling hot air. Ensure that no internal cables or components obstruct the airflow pathways for best thermal performance.

## 4. MAINTENANCE

### 4.1 Cleaning

Regular cleaning helps maintain optimal performance and extends the lifespan of your PC components. Use a soft, dry cloth to wipe down the exterior of the case. For stubborn marks, a slightly damp cloth can be used, followed by a dry one. Avoid abrasive cleaners or solvents.

## 4.2 Dust Filters

The Epoch case is equipped with dust filters to prevent dust buildup inside the system. Periodically remove and clean these filters. They can typically be rinsed with water and allowed to air dry completely before reinstallation. Refer to the specific filter locations in your case for removal instructions.

## 5. TROUBLESHOOTING

### 5.1 Common Issues

- Overheating Components:** Ensure all fans are spinning correctly and are not obstructed. Verify proper cable management to allow for unrestricted airflow. Clean dust filters regularly.
- Excessive Fan Noise:** Check if fan blades are clean and free from obstructions. Ensure fans are securely mounted. If a fan is excessively noisy, it may require replacement.
- Front Panel I/O Not Working:** Verify that all front panel connectors (USB, audio, power/reset buttons) are correctly connected to the motherboard headers. Refer to your motherboard manual for correct pin assignments.
- Difficulty Installing Components:** Double-check component compatibility with the case specifications (e.g., GPU length, radiator size). Ensure all screws and standoffs are correctly aligned.

## 6. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	Fractal Design
Model Name	Epoch
Item Model Number	FD-C-EPO1A-01
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro ATX, Mini ITX
Color	Black - Solid
Material	Metal
Product Dimensions (LxWxH)	17.6 x 18.5 x 8.5 inches (44.7 x 47.0 x 21.6 cm)
Item Weight	20.3 pounds (9.24 kg)
Cooling Method	Air
Included Fans	Three Momentum 12 fans
Max GPU Length	372 mm (345 mm with front radiator)
Radiator Support (Front)	Up to 360 mm
Radiator Support (Top)	Up to 240 mm

Specification	Detail
Power Supply Mounting Type	Bottom Mount

## 7. WARRANTY AND SUPPORT

Fractal Design products are manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty information provided with your product or visit the official Fractal Design website. In case of technical issues or support inquiries, please contact Fractal Design customer service.

You can find more information and support resources by visiting the official Fractal Design store [Fractal Design Store on Amazon](#)

© 2025 Fractal Design. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

### Related Documents - FD-C-EPO1A-01

	<p><a href="#">Fractal Design North PC Case User Guide: Specs &amp; Build Instructions</a></p> <p>Official user guide for the Fractal Design North ATX Airflow Mid Tower PC Gaming Case. Features include detailed specifications, component overview, and building instructions for PC enthusiasts. Learn about its Chalk White and Wood Oak variants, mesh side panels, and compatibility with ATX, mATX, and Mini-ITX motherboards.</p>
	<p><a href="#">Fractal Design Ridge PC Case User Manual and Builder's Guide</a></p> <p>Comprehensive guide for the Fractal Design Ridge PC case, covering specifications, assembly, configurations (air/water cooling, home theater), accessories, and support. Optimize your compact PC build.</p>
	<p><a href="#">Fractal Era 2 User Guide: PC Case Assembly and Specifications</a></p> <p>Detailed user manual for the Fractal Era 2 computer case, covering specifications, component overview, step-by-step building instructions, optional configurations, and support resources from Fractal Design.</p>
	<p><a href="#">Fractal Design Define XL R2 Computer Case Product Sheet</a></p> <p>Explore the Fractal Design Define XL R2 computer case with this detailed product sheet. Discover its advanced noise-reduction, ModuVent™ technology, extensive cooling support, and spacious interior designed for high-performance systems.</p>
	<p><a href="#">Fractal Design Mood PC Case User and Builder's Guide</a></p> <p>Comprehensive user and builder's guide for the Fractal Design Mood PC case, detailing specifications, assembly instructions, configuration options, and support information.</p>



### [Fractal Design Pop Mini Computer Case - User and Builder's Guide](#)

Comprehensive guide to the Fractal Design Pop Mini PC case, covering features, specifications, and step-by-step assembly instructions for PC builders.