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› Fractal Design North Charcoal Black Tempered Glass Dark - Genuine Walnut Wood Front - Glass Side Panel - Two 140mm Aspect PWM Fans Included - Type C USB - ATX Airflow Mid Tower PC Gaming Case ATX Charcoal Black TG Dark

Fractal Design FD-C-NOR1C-02

Fractal Design North ATX Mid Tower PC Gaming Case User Manual

Model: FD-C-NOR1C-02 | Brand: Fractal Design

INTRODUCTION

The Fractal Design North reimagines the gaming PC, introducing natural materials and bespoke details to make gaming a stylish addition to the living space. Fusing design and airflow engineering, the case features fine-patterned mesh ventilation and an open front with real walnut or oak panels. The design is complemented by sleek brass or steel details and an integrated tab for easy access to the top of the case. Inside, North offers an intuitive interior layout and generous compatibility.



Figure 1: Front-angled view of the Fractal Design North PC Case in Charcoal Black with dark tempered glass and walnut wood front.

KEY FEATURES

- **Elegant Design:** Enhance the look of your gaming station with sleek wood and alloy details.

- **Motherboard Compatibility:** Designed for ATX / mATX / ITX motherboards.
- **Optimized Airflow:** Enjoy natural ventilation through an open front and stylishly integrated mesh.
- **GPU Clearance:** Supports GPUs up to 355 mm, or up to 300 mm with a 360 mm front radiator.
- **Pre-installed Fans:** Includes two 140 mm Aspect PWM fans for immediate cooling.
- **Expansion Slots:** Seven bridgeless expansion slots allow for extensive customization.
- **Premium Finish:** Features front panel bars cut from sustainably sourced oak or walnut.
- **Drive Bays:** Two combined 3.5"/2.5" drive mounts and two dedicated 2.5" drive mounts.
- **Easy Access:** Side panels, front, and top panel can be easily removed using an integrated tab.
- **Tempered Glass Panel:** Clear tempered glass side panel for scratch resistance and crystal clear viewing of your build components.

PACKAGE CONTENTS

Please verify that all components are present in the package:

- Fractal Design North ATX Mid Tower PC Gaming Case
- Two (2) 140mm Aspect PWM Fans (pre-installed)
- Accessory Box (containing screws, zip ties, and other small parts)
- User Manual (this document)

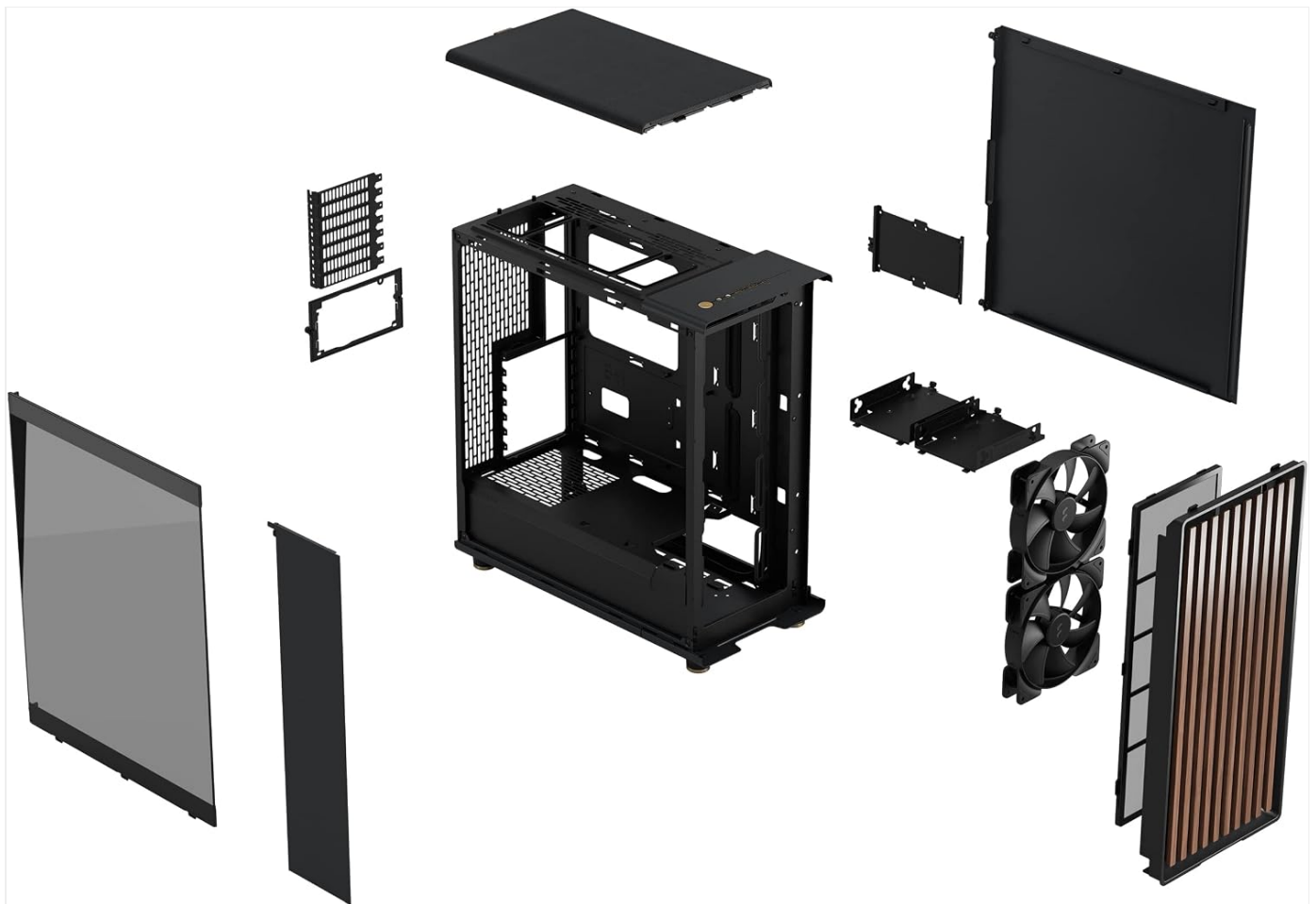


Figure 2: Exploded view showing the main components of the Fractal Design North case, including panels, frame, and fans.

SETUP INSTRUCTIONS

1. Preparing the Case

1. Place the case on a stable, flat surface.
2. Remove the side panels by unlatching them from the rear. For the tempered glass panel, carefully slide it off.
3. Remove the top panel by pulling the integrated tab at the rear.
4. Unclip the front panel to access the pre-installed fans and front radiator mounting points.



Figure 3: Interior view of the case with the tempered glass side panel removed, highlighting the spacious layout for component installation.

2. Motherboard Installation

1. Install the I/O shield (if applicable) into the rear opening of the case.
2. Align your ATX, mATX, or ITX motherboard with the standoffs inside the case. Ensure the standoffs match your motherboard's form factor.
3. Secure the motherboard with the appropriate screws from the accessory box.



Figure 4: Detailed view of the motherboard tray with markings for ATX, mATX, and ITX motherboard compatibility.

3. Drive Installation

- **3.5"/2.5" Drive Mounts:** Locate the combined drive mounts. Install your HDDs or SSDs using the provided screws.
- **Dedicated 2.5" Drive Mounts:** Utilize the two dedicated 2.5" mounts for SSDs, typically located behind the motherboard tray.



Figure 5: View of the rear side of the motherboard tray, showing the dedicated 2.5-inch drive mounts for SSDs.

4. Cable Management

The North case offers ample space and routing options for clean cable management. Utilize the integrated cable ties and routing channels behind the motherboard tray to organize power supply cables, fan cables, and data cables.



Figure 6: Rear view of the case interior, illustrating the cable routing channels and Velcro straps for efficient cable management.

OPERATING INSTRUCTIONS

Once all components are installed and connected, reattach all panels securely. Connect your peripherals and power cable. Press the power button located on the top I/O panel to start your system.



Figure 7: Close-up of the top input/output panel, featuring the power button, USB ports, and audio jacks.

Airflow and Cooling

The Fractal Design North case is engineered for optimal airflow. The open front panel with wood slats and integrated mesh allows for significant air intake. The two pre-installed 140mm Aspect PWM fans contribute to efficient cooling. Ensure proper fan orientation for intake and exhaust to maintain low internal temperatures.

MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your PC case.

- **Dust Filters:** The case features removable dust filters on the front and bottom. Periodically remove and clean these filters with compressed air or water (ensure they are completely dry before reinstallation).
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that may damage the finish or wood panels.
- **Interior Cleaning:** With the system powered off and unplugged, use compressed air to remove dust buildup from

internal components and fan blades.

TROUBLESHOOTING

Problem	Possible Cause	Solution
System does not power on.	Loose power connections, faulty power supply, incorrect front panel header connection.	Check all power cables (24-pin ATX, CPU, GPU). Ensure front panel power switch header is correctly connected to the motherboard. Test power supply if possible.
Fans are not spinning.	Fan cables disconnected, fan controller issue, faulty fans.	Verify fan cables are securely connected to motherboard headers or fan controller. Check BIOS/UEFI settings for fan control.
High internal temperatures.	Poor airflow, dust buildup, insufficient cooling.	Ensure fans are oriented correctly (intake/exhaust). Clean dust filters. Consider adding more fans or upgrading cooling solutions if necessary.
USB ports not working.	Front panel USB header disconnected from motherboard.	Check the USB 2.0 and USB 3.0/Type-C headers on the motherboard are correctly connected to the case's front panel cables.

SPECIFICATIONS

Feature	Detail
Model Name	North Charcoal Black TG Dark
Model Number	FD-C-NOR1C-02
Dimensions (LxWxH)	17.6 x 8.46 x 18.46 inches
Item Weight	20.9 pounds
Material	Metal, Tempered Glass, Walnut Wood
Motherboard Compatibility	ATX, mATX, ITX
Case Type	Mid Tower
Included Fans	2 x 140mm Aspect PWM Fans
USB 2.0 Ports	1
USB 3.0 Ports	2
GPU Clearance	Up to 355 mm (300 mm with 360 mm front radiator)
Drive Bays	2 x 3.5"/2.5" combined, 2 x 2.5" dedicated



Figure 8: Diagram illustrating the physical dimensions of the Fractal Design North PC case.

WARRANTY AND SUPPORT

For warranty information, technical support, and frequently asked questions, please visit the official Fractal Design support page:

[Fractal Design Support](#)

Please retain your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question