

Gigabyte GB-C200G

GIGABYTE C200 Glass Mid Tower PC Case User Manual

Model: GB-C200G

Overview Setup Operating Introduction Product Maintenance Troubleshooting Specifications Warranty & Support

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GIGABYTE C200 Glass Mid Tower PC Case (Model: GB-C200G). Please read this manual thoroughly before beginning assembly to ensure proper setup and functionality. This case is designed to accommodate various PC components, offering a robust and aesthetically pleasing enclosure for your system.

2. PRODUCT OVERVIEW

The GIGABYTE C200 Glass is a mid-tower PC case featuring a tempered glass side panel and an integrated power supply unit (PSU) shroud. It supports motherboards from Mini-ITX to ATX form factors.

2.1 Key Features

- **Case Form Factor:** Mid Tower, compatible with Mini-ITX, Micro-ATX, and ATX motherboards.
- **Radiator Support:** Front (Max 280mm), Top (Max 240mm), Rear (Max 120mm).
- **Fan Support:** Front (120mm x3 / 140mm x2), Top (120mm x2 / 140mm x2), Rear (120mm x1, pre-installed).
- **Front I/O:** 2x USB 3.0 ports, RGB LED switch, Audio In & Out.
- **Dimensions:** 210 (W) x 435 (D) x 480 (H) mm / 8.3 (W) x 17.1 (D) x 18.9 (H) inches.
- **Material:** Tempered Glass side panel.
- **PSU Shroud:** Integrated for clean cable management and aesthetics.
- **Dust Filters:** Included for improved system longevity.

2.2 Case Components



Figure 1: Front view of the GIGABYTE C200 Glass PC case. This image displays the sleek black front panel with a vertical blue LED strip on the right side and the GIGABYTE logo at the top right.



Figure 2: Interior view of the GIGABYTE C200 Glass PC case. The tempered glass side panel is visible, revealing the spacious interior designed for component installation and cable management, including the PSU shroud at the bottom.

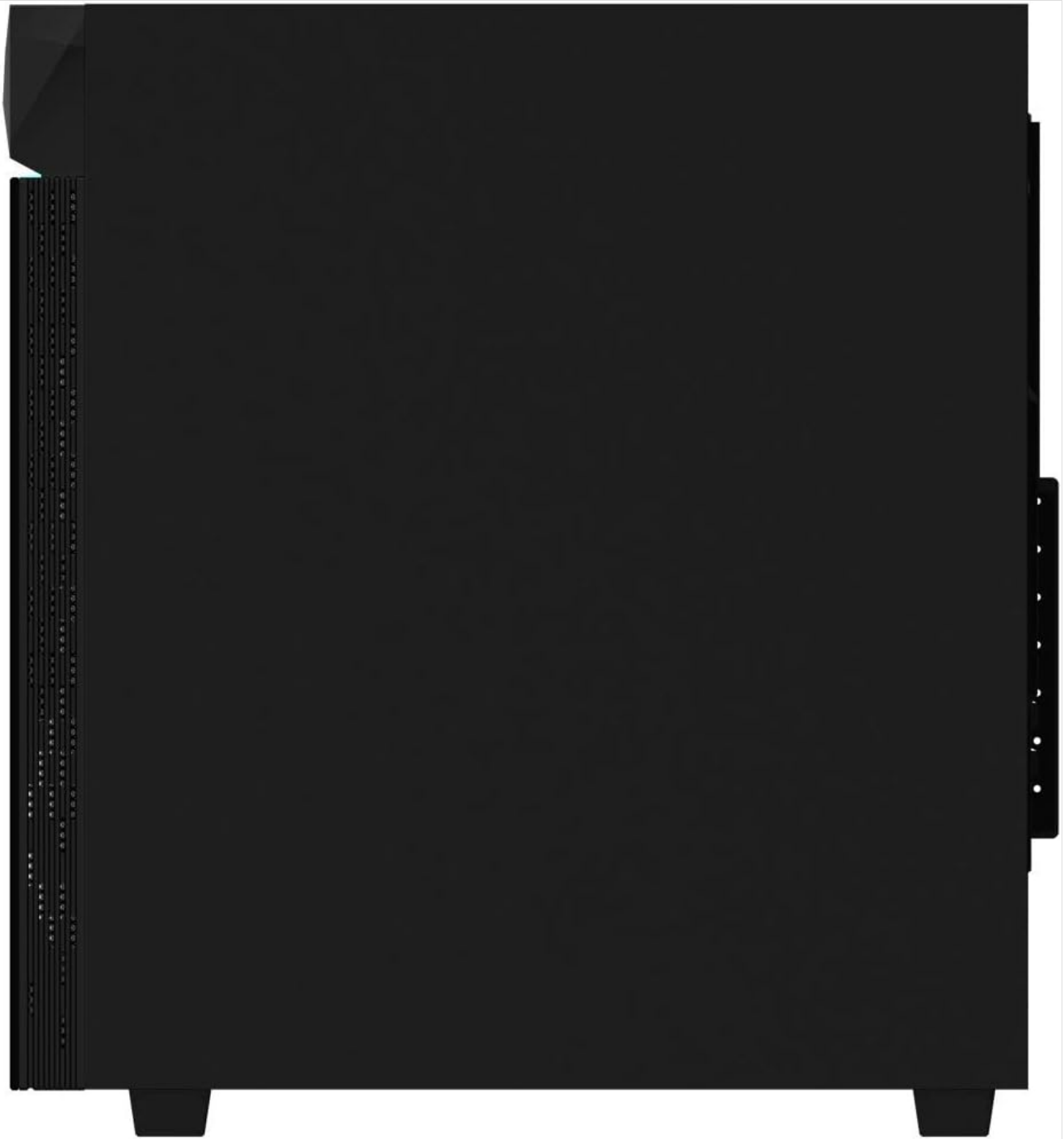


Figure 3: Rear view of the GIGABYTE C200 Glass PC case. This shows the rear exhaust fan mount, motherboard I/O shield cutout, and expansion slots for graphics cards and other PCI peripherals.

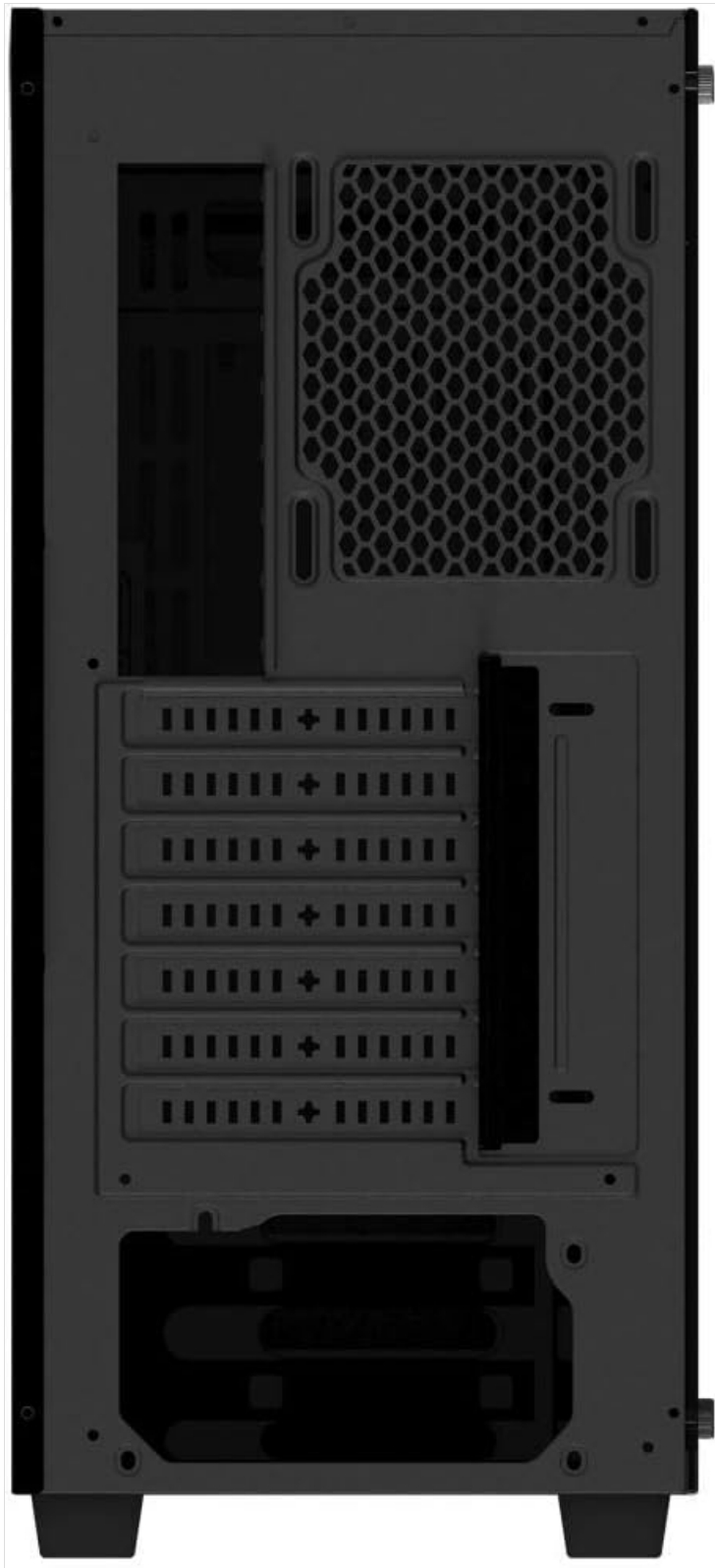


Figure 4: Top view of the GIGABYTE C200 Glass PC case. This image highlights the top ventilation grille and the front I/O panel with USB ports and audio jacks.

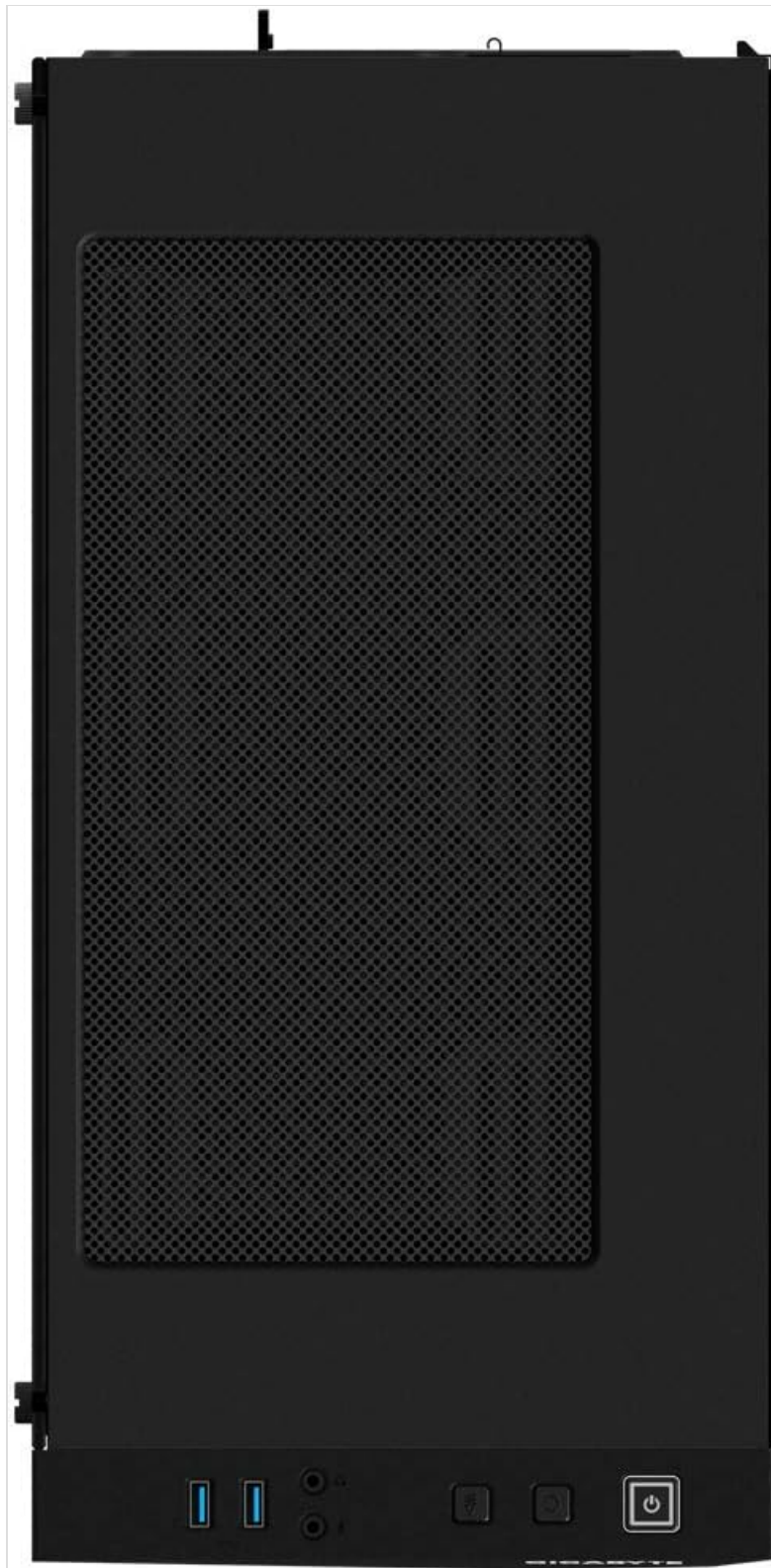


Figure 5: Bottom view of the GIGABYTE C200 Glass PC case. This shows the case feet and the removable dust filter for the power supply intake.

3. SETUP AND INSTALLATION

Before beginning, ensure you have all necessary components and tools. Refer to your motherboard and component manuals for specific installation instructions.

3.1 Preparing the Case

1. Carefully remove the tempered glass side panel by unscrewing the four thumb screws. Place the panel on a soft, flat surface to prevent scratches.
2. Remove the solid side panel by unscrewing the two rear thumb screws and sliding the panel backward.

3. Identify the accessory box inside the case, which contains screws, zip ties, and other mounting hardware.

3.2 Motherboard Installation

1. Install the I/O shield provided with your motherboard into the cutout at the rear of the case.
2. Align your motherboard with the pre-installed standoffs. Ensure the standoffs match your motherboard's form factor (ATX, Micro-ATX, Mini-ITX).
3. Secure the motherboard using the appropriate screws from the accessory box.

3.3 Power Supply Unit (PSU) Installation

1. Slide your PSU into the dedicated compartment at the bottom rear of the case, beneath the PSU shroud.
2. Align the PSU with the screw holes at the rear of the case.
3. Secure the PSU using the screws provided with your PSU or from the case accessory box.

3.4 Storage Drive Installation

- **3.5-inch HDDs:** Install into the drive cages located under the PSU shroud. Slide the drives into the trays and secure them.
- **2.5-inch SSDs:** Mount SSDs to the designated mounting points on the back of the motherboard tray or on top of the PSU shroud using the provided screws.

3.5 Expansion Card Installation (GPU, etc.)

1. Remove the necessary PCI slot covers from the rear of the case. Note that some covers may need to be bent and broken off.
2. Insert your expansion card into the appropriate PCI-E slot on your motherboard.
3. Secure the card with a screw.

3.6 Cooling System Installation (Fans/Radiators)

- **Front:** Supports up to 3x 120mm or 2x 140mm fans, or a 280mm radiator.
- **Top:** Supports up to 2x 120mm or 2x 140mm fans, or a 240mm radiator.
- **Rear:** Supports 1x 120mm fan (one pre-installed).
- Mount fans and radiators using the appropriate screws. Ensure proper airflow direction.

3.7 Cable Management

Utilize the cutouts and tie-down points on the motherboard tray to route cables neatly behind the motherboard. The PSU shroud helps conceal PSU cables. Use zip ties to secure cables and improve airflow.

3.8 Connecting Front I/O Cables

Connect the following cables from the case's front I/O panel to the corresponding headers on your motherboard:

- USB 3.0 (for front USB 3.0 ports)
- HD Audio (for front audio in/out)
- Power Switch, Reset Switch, HDD LED, Power LED (for front panel buttons and indicators)
- RGB LED cable (for controlling the front panel RGB lighting)

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press the power button located on the front I/O panel to turn your system on or off. A short press typically powers on, while a longer press (usually 4-5 seconds) will force a shutdown.

4.2 Using Front I/O Ports

The front I/O panel provides convenient access to:

- **USB 3.0 Ports:** For connecting high-speed USB devices.
- **Audio In/Out Jacks:** For connecting headphones, microphones, or headsets.

4.3 RGB LED Control

The GIGABYTE C200 Glass features an integrated RGB LED strip on the front panel. Use the dedicated RGB LED switch on the front I/O panel to cycle through various lighting effects and colors. For advanced synchronization with other RGB components, ensure the RGB cable is connected to a compatible motherboard header and use the motherboard's RGB software.

5. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC components.

5.1 Dust Filter Cleaning

The case includes removable dust filters (e.g., for the PSU intake and potentially top/front intakes). Periodically remove and clean these filters using compressed air or by washing them with water and allowing them to dry completely before reinstallation. This prevents dust buildup inside the case, which can hinder cooling performance.

5.2 Exterior Cleaning

Wipe the exterior surfaces, including the tempered glass panel, with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or glass. For the tempered glass, use a glass cleaner sparingly on a cloth, not directly on the panel.

6. TROUBLESHOOTING

This section addresses common issues you might encounter during or after building your PC in the GIGABYTE C200 Glass case.

6.1 System Does Not Power On

- Ensure the PSU is switched on and properly connected to the wall outlet.
- Verify all power cables (24-pin ATX, CPU, GPU, etc.) are securely connected to the motherboard and components.
- Check that the front panel power switch cable is correctly connected to the motherboard's front panel header.

6.2 High Component Temperatures

- Ensure all case fans are installed correctly and spinning. Verify their orientation for optimal airflow (intake at front/bottom, exhaust at rear/top).
- Clean any dust filters that may be obstructed.
- Confirm CPU cooler and GPU fans are functioning properly.
- While the case design provides adequate ventilation, ensure no internal cables or components are blocking airflow paths.

6.3 Front Panel USB/Audio Ports Not Working

- Check that the USB 3.0 and HD Audio cables from the front panel are securely connected to the correct headers on your motherboard.
- Ensure the necessary drivers for your motherboard's chipset and audio are installed.

6.4 RGB LED Not Functioning or Incorrectly Displaying Colors

- Verify the RGB LED cable from the front panel is connected to the appropriate RGB header on your motherboard or the case's internal RGB controller.
- If using the motherboard's RGB software, ensure it is installed and configured correctly.
- Try cycling through modes using the dedicated RGB LED switch on the front I/O panel.

7. SPECIFICATIONS

Model Name	GB-C200G
Case Form Factor	Mid Tower
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Dimensions (H x W x D)	480 x 210 x 435 mm (18.9 x 8.3 x 17.1 inches)
Material	Steel, Plastic, Tempered Glass
Front I/O Ports	2x USB 3.0, Audio In & Out, RGB LED Switch
Expansion Slots	7
Drive Bays	2x 3.5" HDD, 3x 2.5" SSD (or 2x 3.5" HDD + 3x 2.5" SSD)
Fan Support - Front	3x 120mm or 2x 140mm
Fan Support - Top	2x 120mm or 2x 140mm
Fan Support - Rear	1x 120mm (Pre-installed)
Radiator Support - Front	Up to 280mm
Radiator Support - Top	Up to 240mm
Radiator Support - Rear	Up to 120mm
PSU Mounting Type	Rear Mount (Bottom)
Item Weight	7 Kilograms



Figure 6: Dimensional diagram of the GIGABYTE C200 Glass PC case, showing its height (18.9"), depth (17.1"), and width (8.3").

8. WARRANTY AND SUPPORT

8.1 Warranty Information

GIGABYTE products are covered by a limited warranty. For specific warranty terms, duration, and conditions applicable to your region and product, please refer to the official GIGABYTE website or contact their customer support. The provided information indicates a warranty description of "1", which typically refers to a 1-year limited warranty, but this should be confirmed with the manufacturer.

8.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your GIGABYTE C200 Glass PC case, please visit the official GIGABYTE support website. You can typically find FAQs, driver downloads, and contact information for customer service there.

GIGABYTE Official Website: www.gigabyte.com