GIGABYTE GB-C301G

GIGABYTE C301 Glass Mid Tower PC Gaming Case User Manual

Model: **GB-C301G** | Brand: **GIGABYTE**

Product Overview

The GIGABYTE C301 GLASS is a mid-tower PC gaming case designed to provide generous airflow and premium aesthetics. It supports a wide range of motherboards, from Mini-ITX to E-ATX, offering flexibility for various build configurations. The case features versatile connectivity options on its front panel, including USB 3.0, USB 3.1 Gen-2 Type-C, and audio ports, alongside an LED switch for controlling the integrated ARGB lighting.



Front-angled view of the GIGABYTE C301 Glass PC case, showcasing its tempered glass side panel and three front ARGB fans.



Direct front view of the GIGABYTE C301 Glass PC case, highlighting the mesh front panel and ARGB fan illumination.



Side view of the GIGABYTE C301 Glass PC case, showing the full tempered glass panel.

Setup Guide

Unpacking and Initial Inspection

Carefully remove the GIGABYTE C301 Glass PC case from its packaging. Inspect the case for any signs of damage that may have occurred during shipping. Ensure all accessories, such as screws and cable ties, are present.



The GIGABYTE C301 Glass PC case shown alongside its retail packaging.

Component Installation

The GIGABYTE C301 GLASS is designed for easy installation of various PC components. Follow the steps below for a smooth build process.

Motherboard Installation

Install your motherboard (Mini-ITX to E-ATX compatible) onto the standoffs inside the case. Secure it with the provided screws.

Power Supply Installation

Mount your power supply unit (PSU) in the designated compartment, typically at the bottom rear of the case. Secure it with screws.

Storage Drive Installation

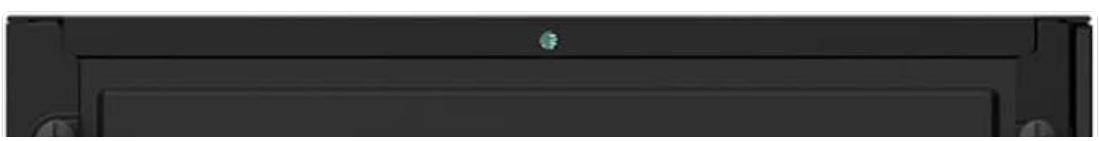
Utilize the hard-drive trays for installing 3.5-inch or 2.5-inch storage drives. These trays are easily removable for convenient installation.

Graphics Card Installation

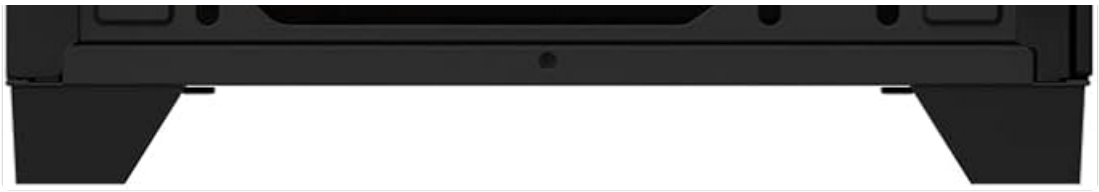
Install your graphics card into the appropriate PCIe slot on your motherboard. The case also supports vertical GPU mounting with an optional kit.

Fan and Radiator Installation

The case comes with four pre-installed ARGB fans: three 120mm fans at the front and one 120mm fan at the rear. Additional fans and radiators can be installed as per the specifications.







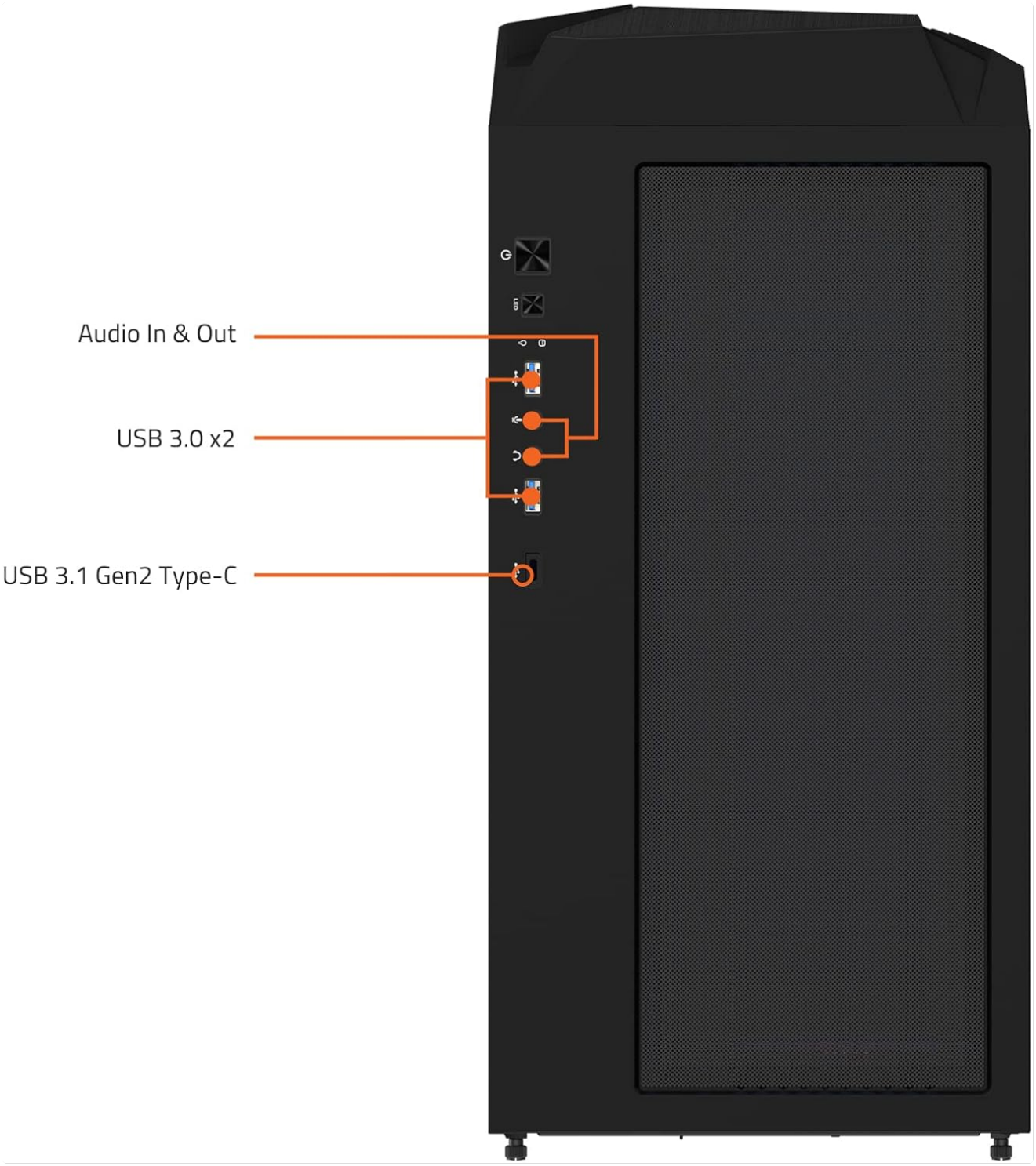
Rear view of the GIGABYTE C301 Glass PC case, showing the exhaust fan and expansion slots.

Operating Instructions

Front Panel I/O Connectivity

The top-mounted front panel I/O provides convenient access to essential ports for your peripherals and audio devices.

- **USB 3.1 Gen-2 Type-C:** 1x port for high-speed data transfer and modern device connectivity.
- **USB 3.0:** 2x ports for standard USB device connections.
- **LED Switch:** Dedicated button to cycle through ARGB lighting modes or turn off the lighting.
- **Audio In & Out:** Separate 3.5mm jacks for headphones and microphones.
- **Power Button:** To power on/off your system.



Close-up view of the GIGABYTE C301 Glass front I/O panel, indicating the USB Type-C, USB 3.0, and audio ports.

ARGB Lighting Control

The pre-installed ARGB fans offer customizable lighting effects. You can control these effects using the dedicated LED Switch on the front panel. For advanced synchronization and customization, connect the ARGB hub to a compatible motherboard with ARGB headers and use the motherboard's lighting software.

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Demonstration of the GIGABYTE C301 Glass PC case, highlighting its design and ARGB lighting features.

Maintenance

Cleaning

To ensure optimal performance and longevity of your PC components, regular cleaning of the case is recommended. Dust filters on the front mesh and top panel should be cleaned periodically to maintain generous airflow. Use a soft, damp cloth for exterior surfaces and compressed air to remove dust from internal components and fan blades.

Fan Care

Periodically check the pre-installed ARGB fans for dust buildup. While the fans are designed for durability, keeping them clean will prevent noise and maintain efficient cooling.

Troubleshooting

No Power

- Ensure the power supply unit (PSU) is properly connected to the wall outlet and the motherboard (24-pin and CPU 8-pin connectors).
- Verify that the power switch on the PSU itself is in the 'ON' position.
- Check the front panel power button cable connection to the motherboard.

Fans Not Spinning / ARGB Not Lighting Up

- Confirm that all fan headers are correctly connected to the motherboard or the integrated ARGB controller.
- Check the ARGB cable connections from the fans to the controller/motherboard.
- Use the front panel LED switch to cycle through different lighting modes or ensure it hasn't been pressed to turn off the lighting.

Poor Airflow / Overheating

- Clean all dust filters and fan blades regularly to prevent dust buildup.
- Ensure that the fans are oriented correctly for optimal airflow (front fans as intake, rear/top fans as exhaust).
- Check for any internal cable clutter that might obstruct airflow.

Specifications

Feature	Detail
Case Form Factor	Mid Tower
Motherboard Support	Mini-ITX, Micro-ATX, ATX, E-ATX
Radiator Support (Front)	Max 360mm

Feature	Detail
Radiator Support (Top)	Max 360mm
Radiator Support (Rear)	Max 120mm
Pre-Installed Fans	Front: 3x 120mm (ARGB), Rear: 1x 120mm (ARGB)
Fan Support (Front)	3x 120mm / 3x 140mm
Fan Support (Top)	3x 120mm / 2x 140mm
Fan Support (Rear)	1x 120mm
Front I/O Ports	1x USB 3.1 Gen-2 Type-C, 2x USB 3.0, LED Switch, Audio In & Out
Dimensions (W x D x H)	220 x 473 x 486 mm / 8.7 x 18.6 x 19.1 inches
Item Weight	19.58 pounds
Material	Tempered Glass
Color	Black
Cooling Method	Air
Light Color	RGB



Diagram showing the key dimensions of the GIGABYTE C301 Glass PC case.

Warranty and Support

For detailed warranty information, technical support, and service inquiries regarding your GIGABYTE C301 Glass PC case, please visit the official GIGABYTE website. It is recommended to keep your proof of purchase, such as the sales receipt, as it may be required for warranty claims.

You can find further assistance and resources on the GIGABYTE support pages, including FAQs, driver downloads,

and contact information for customer service.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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