

ASUS GR701

ASUS ROG Hyperion GR701 White EATX Full-Tower Gaming Case Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ASUS ROG Hyperion GR701 White EATX Full-Tower Gaming Case. Designed for high-performance computing, this chassis features a semi-open structure for enhanced airflow, support for large radiators, and a robust die-cast aluminum-alloy frame.



Figure 1: The ASUS ROG Hyperion GR701 White EATX Full-Tower Gaming Case.

Your browser does not support the video tag.

Video 1: An overview of the ASUS ROG Hyperion GR701 features and design.

2. SETUP

2.1. Unpacking and Initial Inspection

Carefully remove the chassis from its packaging. Inspect for any signs of damage during transit. Ensure all accessories listed in the packing list are present.

2.2. Side Panel Access

The ROG Hyperion GR701 features hinged, tool-free side panels for easy access to internal components. Simply unlatch and swing open the tempered glass side panel to begin your build.

Die-cast Aluminum Alloy Frame

The Hyperion features a die-cast aluminum alloy frame for improved durability, and easy maneuverability with built-in handles



Figure 2: The robust die-cast aluminum alloy frame with integrated handles for easy transport.

2.3. Motherboard Installation

The case supports EATX motherboards. Install your motherboard onto the pre-installed standoffs. Ensure all necessary power and data cables are routed through the designated cutouts for optimal cable management.

2.4. Cooling System Setup

The GR701 is designed for superior cooling performance:

- **Radiator Support:** The chassis supports up to two 420mm radiators, ideal for large AIO liquid coolers or custom water-cooling loops.
- **Pre-installed Fans:** Four 140mm PWM fans are pre-installed to provide immediate high airflow.
- **Airflow Design:** A semi-open structure and front side air intake ensure efficient thermal dissipation.

Extra Cooling

ROG Hyperion offers top-tier cooling with support for two 420mm radiators and four pre-installed 140mm PWM fans, while front side air intake ensures optimal temperature balance



Figure 3: Internal view showcasing the cooling capabilities and component layout.

2.5. GPU Installation

The case includes a built-in graphics card holder that supports both vertical and horizontal installations. Adjust the holder to securely support your graphics card and prevent sag.



Figure 4: Close-up of the adjustable built-in graphics card holder.

2.6. Cable Management

The GR701 offers extensive cable management options, including an internal hub with 6 PWM fan headers

and 8 ARGB headers. Utilize the ample space behind the motherboard tray and included cable ties for a clean build.

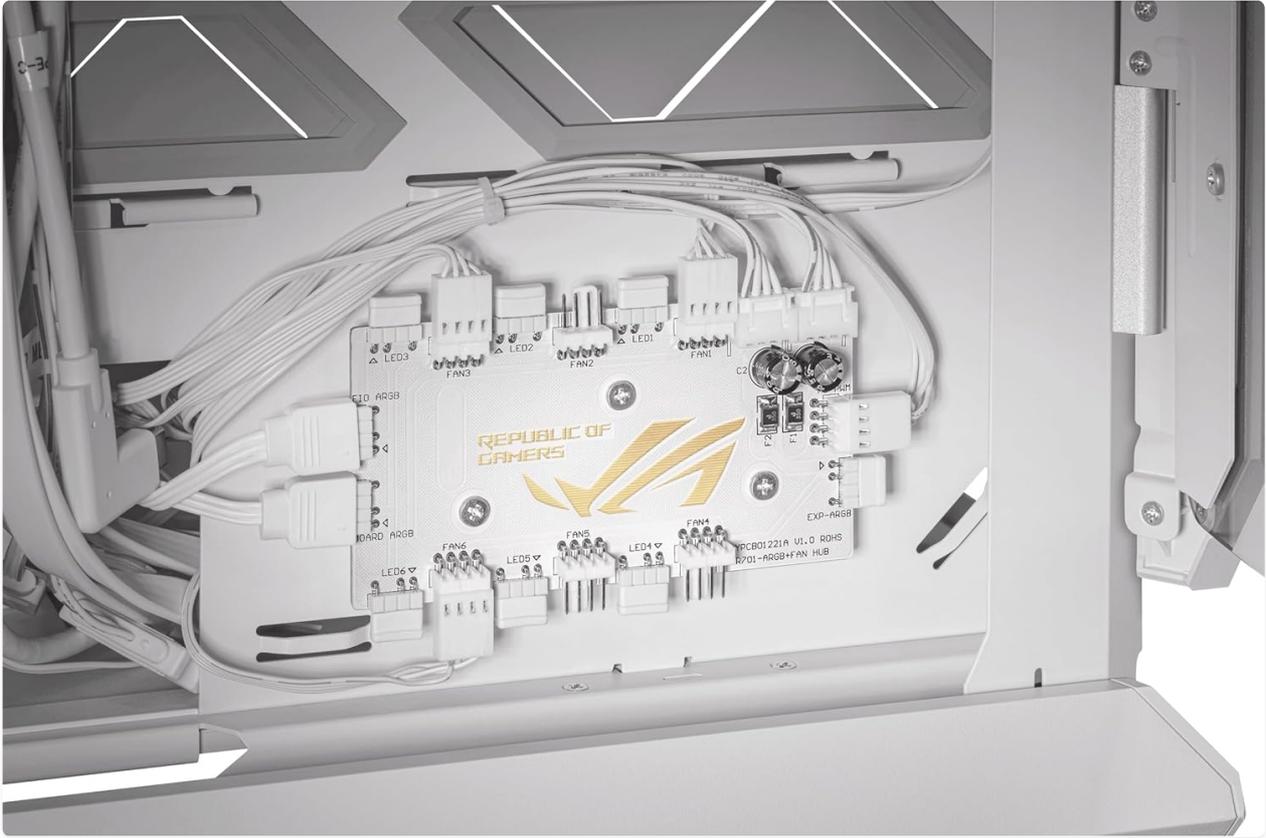


Figure 5: The internal hub for managing fan and ARGB connections.

2.7. Hidden Storage Drawer

A convenient hidden storage drawer is located at the bottom of the chassis. This drawer is ideal for keeping small accessories like screws, cable fasteners, or a screwdriver readily accessible.

Hidden Drawer

Keep frequently used items like PCIe slot brackets, screws, and cable fasteners within reach for a more organized and efficient setup



Figure 6: The hidden drawer for storing small components and tools.

Your browser does not support the video tag.

Video 2: A demonstration of building a PC within the ASUS ROG Hyperion GR701 chassis.

3. OPERATING

3.1. Front Panel Connectivity

The top front panel provides convenient access to various ports:

- **USB 3.0 Ports:** Four USB 3.0 ports for standard peripheral connections.
- **USB Type-C Ports:** Two USB Type-C ports with 60W fast charge support and data transfer speeds up to 20 Gbps. (Compatible motherboard required for full functionality).
- **Audio Jack:** A combined audio jack for headphones and microphones.
- **Power/Reset Buttons:** Standard power and reset buttons.

Dual Type-C Fast Charging

Efficiently transfer data at up to 20 Gbps and last charge up to 60 W with the Hyperion's Dual Type-C connectors

*compatible motherboard required



Figure 7: Close-up of the front panel connectivity options.

3.2. RGB Lighting Control

The ROG Hyperion GR701 features integrated ARGB lighting on the front panel and an ROG-themed lighting panel inside. Use the dedicated LED control buttons on the front panel to cycle through various lighting modes and colors, or synchronize with your motherboard's ARGB software.

ROG-themed Lighting Panel

Use the GR701's internal ARGB lighting panel to showcase the ROG identity from within, or move it to exterior for added fan or SSD space



Figure 8: The internal ROG-themed lighting panel, which can be repositioned.

4. MAINTENANCE

4.1. Dust Filter Cleaning

The chassis is equipped with easily removable dust filters on the top, front, and bottom to prevent dust accumulation. Regularly clean these filters to maintain optimal airflow and cooling performance.



Figure 9: Example of a removable dust filter for maintenance.

4.2. General Cleaning

Use a soft, dry cloth to wipe down the exterior surfaces of the case. For internal cleaning, use compressed air to remove dust from fans and components. Ensure the system is powered off and unplugged before performing any internal cleaning.

5. TROUBLESHOOTING

If you encounter any issues with your ASUS ROG Hyperion GR701, please refer to the following general troubleshooting steps:

- **No Power:** Verify all power cables are securely connected to the power supply, motherboard, and wall outlet. Check the power supply switch.
- **Overheating:** Ensure all fans are spinning correctly and dust filters are clean. Confirm proper installation of CPU cooler and thermal paste.
- **Component Not Detected:** Re-seat the component (e.g., RAM, GPU, storage drive) and check its power and data connections.
- **RGB Lighting Issues:** Check ARGB cable connections to the hub and motherboard. Ensure lighting software is up-to-date and configured correctly.

For more specific issues, consult the documentation for your individual PC components or contact ASUS support.

6. SPECIFICATIONS

Feature	Detail
Brand	ASUS
Model Name	GR701 ROG HYPERION WHITE EDITION
Item Model Number	GR701/WT/PWM FAN//
Case Type	Full Tower
Motherboard Compatibility	Extended ATX
Dimensions (LxWxH)	24.5 x 24.5 x 14 inches
Item Weight	55.6 pounds
Material	Aluminum
Color	Hyperion GR701 White
Cooling Method	Air
Pre-installed Fans	4 x 140mm PWM Fans
Radiator Support	Up to 2 x 420mm
Front USB 3.0 Ports	2
Front USB Type-C Ports	2 (with 60W fast charge support)
Internal Hub	6 PWM fan headers, 8 ARGB headers



Figure 10: Detailed dimensions of the ASUS ROG Hyperion GR701 chassis.

7. WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official ASUS website or contact your local ASUS service center. Keep your purchase receipt for warranty claims.

Online Support: www.asus.com/support/

