

Phanteks PH-EC360ATG_DBK02

Phanteks Eclipse G360A Mid-Tower Gaming Chassis User Manual

Model: PH-EC360ATG_DBK02

INTRODUCTION

The Phanteks Eclipse G360A is a high-performance mid-tower gaming chassis designed for optimal airflow and component compatibility. It features an ultra-fine performance mesh front panel for superior cooling and dust filtration, integrated Digital-RGB lighting, and extensive support for modern gaming hardware including large GPUs and advanced liquid cooling solutions. This manual provides detailed instructions for setting up, operating, and maintaining your Eclipse G360A chassis.

SETUP AND INSTALLATION

1. Unboxing and Contents

Carefully remove the chassis from its packaging. Verify that all components and accessories are present. The package should include the Eclipse G360A chassis, pre-installed 120mm D-RGB fans, and an accessory box containing screws, zip ties, and the user manual.

2. Component Compatibility

- **Motherboard Support:** ATX, micro-ATX, mini-ITX, E-ATX (up to 280mm wide).
- **GPU Length:** Up to 400 mm (15.7 in).
- **CPU Cooler Height:** Up to 162 mm (6.3 in).
- **PSU Length:** Up to 220 mm (280 mm depending on HDD cage location).
- **Storage:** 2x 3.5" internal (included), 3x 2.5" internal (2 included).

PHANTEKS

ECLIPSE G360A



**MAYOR ESPACIO LIBRE PARA LA GPU
SOPORTANDO LAS ÚLTIMAS GPU DE GAMA ALTA**

Figure 1: Internal view highlighting 400mm GPU clearance, supporting high-end graphics cards.

PHANTEKS

ECLIPSE G360A



MÚLTIPLES OPCIONES DE ALMACENAMIENTO:
HASTA 5X2,5" O 3X2,5" + 2X3,5"

Figure 2: Multiple storage options for 2.5" and 3.5" drives, with flexible mounting points.

3. Installation Steps

1. **Prepare the Chassis:** Remove the tempered glass side panel by unscrewing the thumb screws. The front panel can be detached for easier fan/radiator installation.

PHANTEKS

ECLIPSE G360A



SOPORTE FRONTAL DESMONTABLE PARA FACILITAR LA INSTALACIÓN

Figure 3: Detachable front panel and fan bracket for simplified installation.

2. **Install Motherboard:** Secure your motherboard to the standoffs using the provided screws.
3. **Install Storage Drives:** Mount 2.5" SSDs to the dedicated locations behind the motherboard tray or on the PSU shroud. Install 3.5" HDDs into the drive cages located under the PSU shroud.
4. **Install Power Supply Unit (PSU):** Slide the PSU into its designated compartment at the bottom rear of the chassis and secure it with screws.
5. **Install Graphics Card (GPU):** Insert your graphics card into the PCIe slot on the motherboard. The chassis supports vertical GPU mounting with an optional bracket (PH-VGPUKT4.0_03).
6. **Install Cooling Components:** The G360A supports various fan and radiator configurations.
 - **Fan Support:** Front: 3x 120mm (3 pre-installed) or 2x 140mm; Top: 3x 120mm or 2x 140mm; Rear: 1x 120mm.
 - **Radiator Support:** Front: Up to 360mm or 280mm; Top: Up to 360mm; Rear: 120mm. Note: Front and top 360mm radiators cannot be installed simultaneously.



Figure 4: Detailed fan and radiator placement options for optimal cooling.

7. **Cable Management:** Utilize the 36mm (1.4 in) cable management space behind the motherboard tray to route and secure cables for a clean build and improved airflow.

OPERATING INSTRUCTIONS

1. Front I/O Panel Functions

The front I/O panel provides convenient access to essential controls and ports:

- **Power Button:** Turns the system on or off.
- **2x USB 3.0 Ports:** For connecting USB devices.
- **Microphone/Headphone Combo Jack:** For audio input and output.
- **D-RGB Mode Button:** Cycles through pre-programmed lighting effects.
- **D-RGB Color Button:** Changes the color of the D-RGB lighting.

BOTONES DE E/S DE FÁCIL ACCESO INTEGRADOS EN EL DISEÑO

Botones de control D-RGB integrados (modo/color)
2x USB 3.0 tipo A
Auricular / micrófono
Botón de encendido



Figure 5: Front I/O panel with easy-access controls for power, USB, audio, and D-RGB lighting.

2. Digital-RGB Lighting Control

The Eclipse G360A features integrated D-RGB lighting with pre-installed 120mm D-RGB fans and an LED strip along the tempered glass panel. The lighting can be controlled in two ways:

- **Manual Control:** Use the D-RGB Mode and Color buttons on the front I/O panel to cycle through various effects and colors without software.
- **Motherboard Synchronization:** The D-RGB controller can be connected to a compatible motherboard's D-RGB header (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync, Razer Chroma). This allows for software control and synchronization with other D-RGB components in your system. Refer to your motherboard manual for D-RGB header location and software instructions.



Figure 6: Integrated D-RGB lighting and compatibility with major motherboard synchronization software.

MAINTENANCE

1. Cleaning the Ultra-fine Performance Mesh

The front panel's ultra-fine mesh acts as a dust filter. To maintain optimal airflow and prevent dust buildup, regularly clean the mesh:

- Gently detach the front panel.
- Use a soft brush or compressed air to remove accumulated dust from the mesh.
- Wipe the mesh with a slightly damp cloth if necessary, ensuring it is completely dry before reattaching.

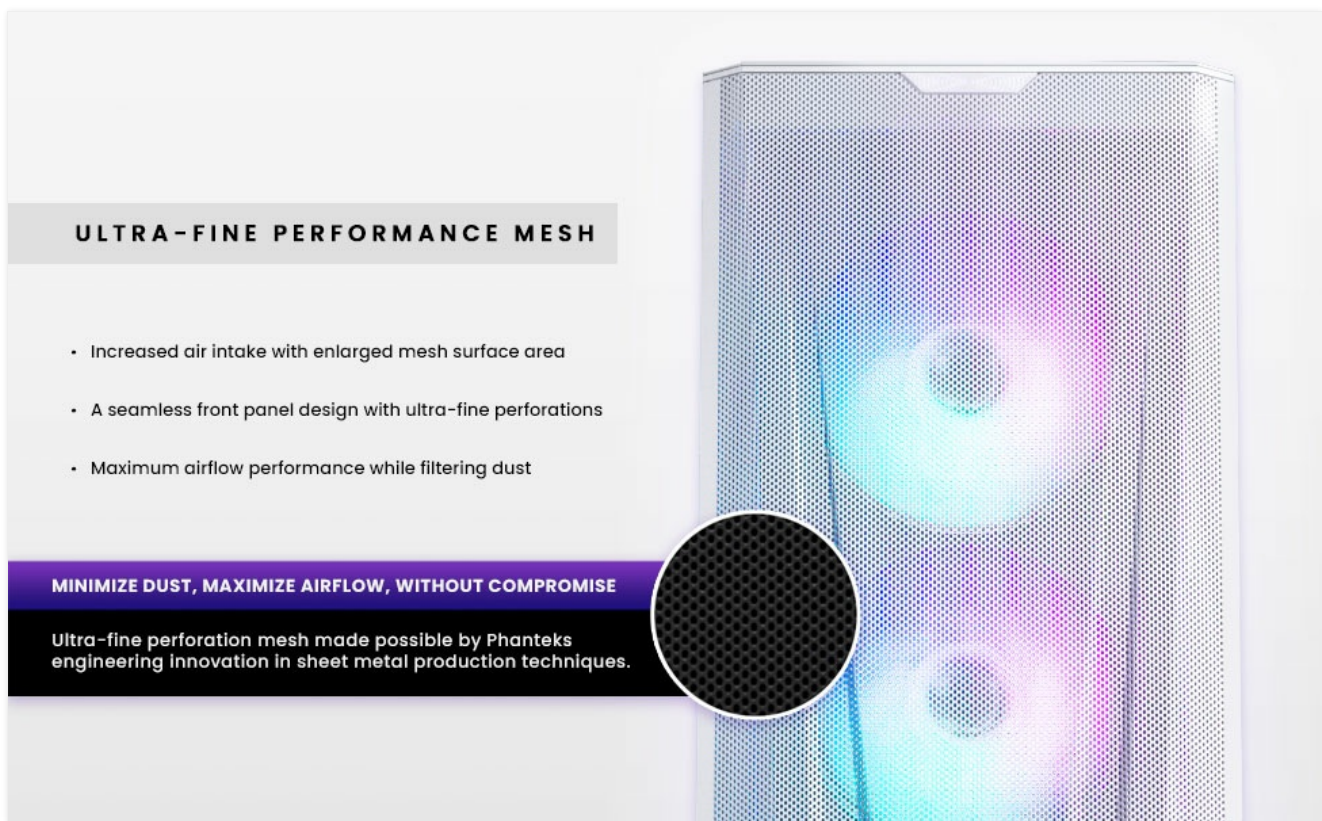


Figure 7: The ultra-fine performance mesh design, crucial for airflow and dust filtration.

2. General Chassis Cleaning

For general cleaning of the chassis exterior and interior:

- Ensure the system is powered off and unplugged.
- Use a microfiber cloth to wipe down exterior surfaces.
- For interior dust, use compressed air to blow dust out of components and the chassis.
- Clean the tempered glass panel with a glass cleaner and a soft cloth.

TROUBLESHOOTING

Common Issues and Solutions

Issue	Possible Cause	Solution
System does not power on.	Loose power connections, faulty PSU, incorrect front panel header connection.	Check all power cables (24-pin, 8-pin CPU, GPU). Verify front panel power switch connection to motherboard. Test PSU if possible.
D-RGB lighting not working or incorrect.	Loose D-RGB cable connection, incorrect D-RGB header, software conflict.	Ensure D-RGB cables are securely connected. If using motherboard sync, verify connection to a 3-pin 5V D-RGB header (not 4-pin 12V RGB). Try manual control via case buttons. Reinstall or update motherboard RGB software.
Poor airflow or high temperatures.	Dust buildup, incorrect fan orientation, obstructed airflow.	Clean front mesh and other dust filters. Ensure fans are oriented correctly (intake/exhaust). Check for cable obstructions inside the case.

Issue	Possible Cause	Solution
Front USB ports not functioning.	Loose USB 3.0 header cable connection to motherboard.	Verify the USB 3.0 cable from the front panel is securely connected to the motherboard's USB 3.0 header.

SPECIFICATIONS

Feature	Detail
Model Name	Eclipse G360A
Model Number	PH-EC360ATG_DBK02
Form Factor	Mid Tower
Dimensions (WxDxH)	455 x 200 x 465 mm / 17.9 x 7.87 x 18.3 inches
Material(s)	Steel Chassis, Tempered Glass
Motherboard Support	ATX, micro-ATX, mini-ITX, E-ATX (up to 280mm wide)
Front I/O	2x USB 3.0, Microphone/Headphone Combo, Power Button, D-RGB Mode, D-RGB Color
Expansion Slots	7
Internal 3.5" Drive Bays	2 (2x included)
Internal 2.5" Drive Bays	3 (2x included)
Pre-installed Fans	3x 120mm D-RGB (Front)
Fan Support (120mm)	Front: 3x; Top: 3x; Rear: 1x
Fan Support (140mm)	Front: 2x; Top: 2x
Radiator Support (120mm)	Front: Up to 360mm; Top: Up to 360mm; Rear: 120mm
Radiator Support (140mm)	Front: Up to 280mm; Top: Up to 360mm
Max GPU Length	400 mm / 15.7 in
Max CPU Cooler Height	162 mm / 6.3 in
Cable Management Space	36 mm / 1.4 in
Max PSU Length	220 mm / 280 mm (depends on HDD Cage location)

WARRANTY AND SUPPORT

Warranty Information


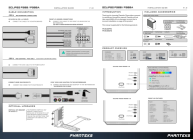

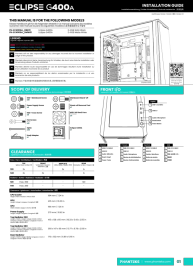
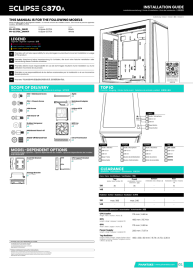
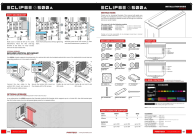
Phanteks products are manufactured to the highest quality standards. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Phanteks website. The warranty typically covers defects in materials and workmanship under normal use.

Customer Support

Should you encounter any issues or have questions regarding your Phanteks Eclipse G360A chassis, please contact Phanteks customer support. You can find contact information, FAQs, and additional resources on the official Phanteks website:

[Visit Phanteks Support Website](#)

Related Documents - PH-EC360ATG_DBK02

	<p>Phanteks Eclipse P400/P400S PC Case User Manual</p> <p>Comprehensive user manual for the Phanteks Eclipse P400 and P400S computer cases, covering specifications, installation guides, accessories, troubleshooting, and support information.</p>
	<p>Phanteks Eclipse P300/P300A PC Case Installation Guide</p> <p>This guide provides detailed instructions for installing and setting up the Phanteks Eclipse P300 and P300A computer cases, covering panel removal, hardware installation, cable management, and RGB lighting features.</p>
	<p>Phanteks Evolv X Mid-Tower PC Case User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the Phanteks Evolv X mid-tower PC case, detailing specifications, component installation, water cooling, D-RGB lighting, and support.</p>
	<p>Phanteks Eclipse G400A PC Case Installation Guide</p> <p>Comprehensive installation guide for the Phanteks Eclipse G400A PC case, detailing component installation, panel removal, storage solutions, fan configurations, and essential safety precautions.</p>
	<p>Phanteks Eclipse G370A Installation Guide</p> <p>Comprehensive installation guide for the Phanteks Eclipse G370A PC case, covering panel removal, hardware installation, GPU mounting, and cable management.</p>
	<p>Phanteks Eclipse G500A Installation Guide</p> <p>Comprehensive installation guide for the Phanteks Eclipse G500A PC case, covering panel removal, hardware installation, storage mounting, and D-RGB controls.</p>

