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ASUS ROG STRIX HELIOS II GX601S

ASUS ROG Strix Helios II GX601S EATX Mid-Tower Gaming PC Case

Instruction Manual

INTRODUCTION

The ASUS ROG Strix Helios II is an EATX mid-tower gaming PC case designed for high-performance builds. It features dual tempered glass panels, an aluminum diamond-grille front panel, and advanced cooling capabilities with four pre-installed fans. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your PC case.

SETUP

Unpacking and Initial Inspection

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

Tool-Free Side Panel Access

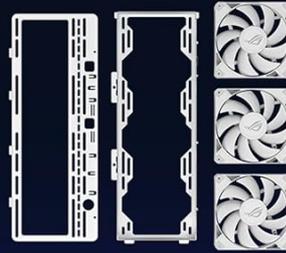
The ROG Strix Helios II features tool-less side panels for easy access to internal components. Simply unlatch the panels to open the case. This design simplifies installation and maintenance.



Easy Installation & Maintenance



Tool-Free Side Panel



Modular Fan & Radiator Mounts



Patented Graphics Card Slot Clamp



Rear Detachable PSU Bracket



3D-Structured Front Filter

*Image for illustration only

Figure 1: Easy Installation & Maintenance features, including tool-free side panel and detachable PSU bracket.

Motherboard Installation

The case supports E-ATX (up to 12" x 10.9"), ATX, Micro-ATX, and Mini-ITX motherboards. Install your motherboard onto the standoffs provided. Ensure all screws are securely fastened.

Power Supply Installation

The case includes a rear detachable PSU bracket. Install your power supply (up to 220mm in length) into the bracket, then secure the bracket to the case. This design simplifies PSU installation and cable routing.

Graphics Card Installation

The case supports graphics cards up to 450mm long. It features a patented graphics card slot clamp for secure horizontal installation. Vertical GPU mounting is also supported.



Graphics Card Support



Horizontal Installation



Vertical Installation

Figure 2: Graphics card installation options, including horizontal and vertical mounting.

Cable Management

Utilize the multifunction cover with graphics card holders, PSU shroud, cable cover, and rear cable clips for effortless cable management. This ensures a tidy build and optimized airflow.



Effortless Cable Management



Multifunction Cover



Cable Cover



PSU Shroud



Rear Cable Clip

*Image for illustration only

Figure 3: Dedicated features for organized cable routing.

OPERATING THE PC CASE

Advanced I/O Panel

The top I/O panel provides convenient access to connectivity and controls. It features two USB 20Gbps Type-C ports, four USB-A 3.0 ports, an ARGB-lighting control button, and a fan-speed PWM control button.

ARGB Lighting Control

Use the dedicated ARGB-lighting control button on the I/O panel to cycle through various lighting effects and colors for compatible components.

Fan Speed Control

Adjust the fan speeds using the PWM control button on the I/O panel to balance cooling performance and noise levels.

COOLING AND THERMAL PERFORMANCE

The ROG Strix Helios II is engineered for optimal thermal performance. It comes with four pre-installed 140 x 28mm performance fans that deliver high airflow while maintaining low noise levels.

Optimal Thermal Performance

Four pre-installed 140mm fans with 28mm frames deliver strong airflow while maintaining a low 29 dB(A) noise level

103 CFM
Airflow

2.3 mmH2O
Static Pressure

29 dB(A)
Noise Level

*Image for illustration only

Figure 4: Airflow and noise level specifications for optimal thermal performance.

Fan and Radiator Capacity

The case supports up to 420mm radiators and 7 x 120mm fans, providing extensive cooling options for high-end components.



Fan/Radiator Capacity

Supports up to 420mm radiator and 7 x 120mm fans

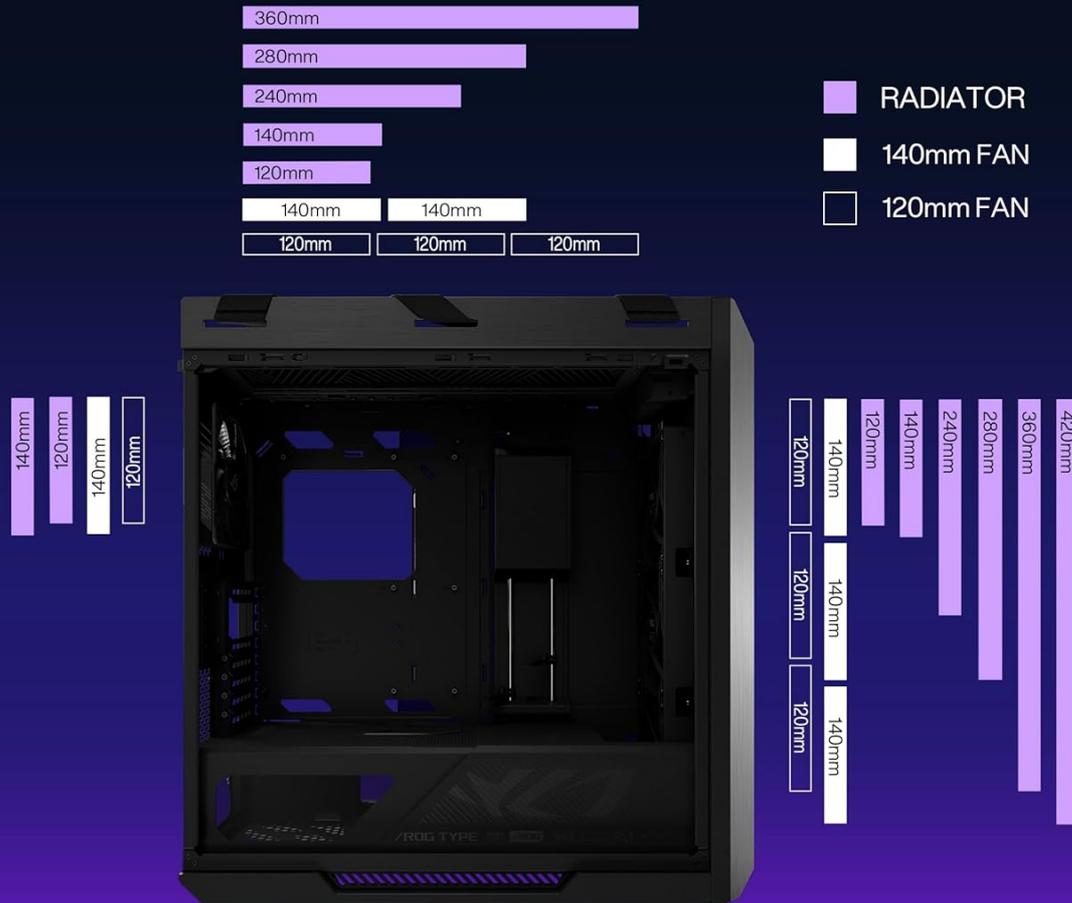


Figure 5: Detailed fan and radiator compatibility.

MAINTENANCE

Dust Filter Cleaning

The case features a 3D-structured filter on the front panel and removable dust covers to prevent dust buildup. Regularly clean these filters to maintain optimal airflow and component longevity. To clean, gently remove the filters and use compressed air or a soft brush to clear accumulated dust. Reinstall once clean and dry.

TROUBLESHOOTING

General Issues

If you encounter issues such as unexpected shutdowns, overheating, or component recognition problems, first ensure all power and data cables are securely connected. Verify that all fans are spinning correctly and dust filters are clean. Consult your component manuals for specific troubleshooting steps.

Contact Support

For persistent issues, please refer to the ASUS support website or contact their customer service for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	ASUS
Model Name	ROG STRIX HELIOS II GX601S BLACK
Case Type	Mid Tower
Motherboard Compatibility	E-ATX (up to 12" x 10.9"), ATX, Micro-ATX, Mini-ITX
Material	Aluminum, Tempered Glass
Item Weight	39.7 pounds
Product Dimensions (LxWxH)	22.2 x 9.8 x 23.3 inches
Maximum GPU Length	450mm
Maximum CPU Cooler Height	190 mm
Maximum PSU Length	220mm
Pre-installed Fans	4 x 140 x 28mm performance fans
Radiator Support	Up to 420mm
I/O Ports	2x USB 20Gbps Type-C, 4x USB-A 3.0, ARGB-lighting control, Fan-speed PWM control

WARRANTY AND SUPPORT

Warranty Information

Please refer to the official ASUS website or your product's warranty card for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

Customer Support

For technical assistance, product inquiries, or service requests, visit the ASUS support website or contact their customer service. Support contact information can typically be found on the ASUS official website or in the product packaging.

ADDITIONAL FEATURES

Ergonomic Case Straps

The ROG Strix Helios II features ergonomic and stylish X-shaped woven straps, designed to comfortably carry your prized build. These straps support up to 50kg.



Ergonomic Case Straps

Carry your prized build to LAN parties with ergonomically X shape woven fabric straps that support up to 50kg



Figure 6: Case straps for convenient transport.

Premium Design & Aesthetics

The case boasts a premium design with an aluminum front panel featuring a diamond-grille design and a 3D-structured filter, enhancing both aesthetics and cooling efficiency.



Premium Design & Aesthetics

Aluminum front panel, featuring a diamond grille design, is manufactured using high-precision CNC milling technology and an anodizing process



Diamond Grille Design

Figure 7: Front panel design details.

OFFICIAL PRODUCT VIDEOS

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Video 1: Official overview of the ASUS ROG Strix Helios II computer case, showcasing its features and design.