ASUS G615JH-DS54

ASUS ROG Strix G16 G615JH-DS54 Gaming Laptop User Manual

Model: G615JH-DS54 | Brand: ASUS

Introduction

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your ASUS ROG Strix G16 G615JH-DS54 Gaming Laptop. The ROG Strix G16 is designed for a high-performance gaming experience, featuring a 16-inch FHD+ 165Hz display, an Intel Core i5-13450HX processor, and an NVIDIA GeForce RTX 5050 Laptop GPU. It includes 16GB DDR5 RAM, a 1TB PCIe Gen 4 SSD, and advanced ROG Intelligent Cooling for sustained performance. The laptop also boasts an esports-ready keyboard, Dolby Atmos audio, and a customizable RGB Aura Light Bar.

1. Setup

1.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the 'What's in the Box' section are present and undamaged. The package should contain the G615JH-DS54 laptop, power cord, power adapter, and this user guide.



Figure 1: Front view of the ASUS ROG Strix G16 Gaming Laptop.

1.2 Connecting the Power Adapter

Connect the power cord to the power adapter, then plug the adapter into the laptop's power input port. Finally, plug the power cord into a wall outlet. Ensure a stable power connection before proceeding.

1.3 Initial Power-On and Operating System Setup

Open the laptop lid and press the power button. The laptop will initiate the boot sequence. Follow the on-screen instructions to complete the Windows 11 Home operating system setup, including language selection, network connection, and user account creation.

2. Operating Your Laptop

2.1 Keyboard and Touchpad

The laptop features an esports-ready keyboard with customizable RGB backlighting. The touchpad supports multi-touch gestures for navigation. Refer to the Windows 11 documentation for detailed gesture controls.



Figure 2: Top-down view of the keyboard and touchpad with RGB lighting.

2.2 Display and Audio

The 16-inch FHD+ display offers a 165Hz refresh rate and 3ms response time for smooth visuals. Audio is enhanced with Dolby Atmos technology. Adjust display brightness and audio volume using the dedicated function keys or Windows settings.

2.3 Connectivity

The ROG Strix G16 supports Wi-Fi 7 for high-speed wireless connectivity. It includes multiple ports for external devices:

- USB 3.0 Ports: 3
- HDMI Port: 1
- Ethernet Port: 1
- USB Type-C Ports: 2 (Thunderbolt 4 compatible)
- 3.5mm Audio Jack: 1

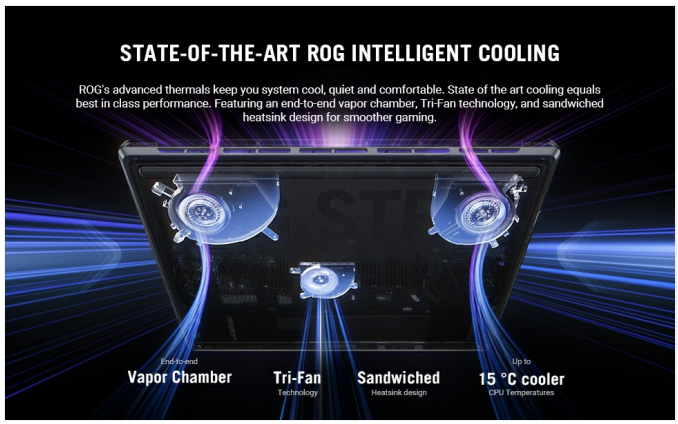


Figure 3: Overview of laptop connectivity features.

3. Maintenance

3.1 General Care

To ensure the longevity of your laptop, keep it clean and free from dust. Use a soft, dry cloth for cleaning the screen and chassis. Avoid exposing the laptop to extreme temperatures, direct sunlight, or liquids.

3.2 Cooling System

The ROG Strix G16 features an advanced ROG Intelligent Cooling system with an end-to-end vapor chamber and tri-fan technology. Ensure that the ventilation grilles are not obstructed to maintain optimal airflow and prevent overheating. Regularly clean dust from the vents using compressed air.



Figure 4: Illustration of the ROG Intelligent Cooling system.

3.3 Software Updates

Regularly update your operating system, drivers, and applications to ensure optimal performance and security. ASUS provides utility software to manage system updates and settings.

4. Troubleshooting

If you encounter issues with your ASUS ROG Strix G16, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the laptop and a working power outlet. Verify the power outlet is functional.
- **Display Issues:** If the screen is blank, try connecting an external monitor to check if the issue is with the laptop's display. Adjust display settings in Windows.
- **Performance Slowdown:** Close unnecessary applications, check for background processes, and ensure sufficient free storage space. Overheating can also cause performance issues; ensure vents are clear.
- **Connectivity Problems:** For Wi-Fi issues, restart your router and the laptop. For wired connections, check the Ethernet cable.

For more complex issues or technical support, please visit the official ASUS support website or contact their customer service.

5. Specifications

Feature	Detail
Standing screen display size	16 Inches
Screen Resolution	1920 x 1200 pixels
Max Screen Resolution	1920x1200 Pixels
Processor	4.6 GHz core_i5 (Intel Core i5-13450HX)
RAM	16 GB DDR5
Hard Drive	1 TB SSD (PCIe Gen 4)
Graphics Coprocessor	NVIDIA GeForce RTX 5050
Chipset Brand	Intel
Card Description	Dedicated
Graphics Card Ram Size	8 GB
Wireless Type	802.11n (Wi-Fi 7)
Number of USB 3.0 Ports	3
Series	Strix G16
Item model number	G615JH-DS54
Hardware Platform	PC
Operating System	Windows 11 Home
Item Weight	10.1 pounds
Product Dimensions	13.94 x 0.9 x 10.55 inches
Color	Eclipse Gray
Number of Processors	10
Computer Memory Type	DDR5 RAM
Flash Memory Size	1 TB
Hard Drive Interface	Solid State
Special Feature	Backlit Keyboard

5.1 What's in the Box

- ASUS ROG Strix G16 G615JH-DS54 Laptop
- Powercord and Adapter
- User Guide

6. Warranty and Support

Every ASUS ROG laptop includes a **12-month warranty** as standard, offering expert support, thorough diagnostics, and genuine parts if a repair is needed. Additionally, ASUS provides one year of free **Accidental Damage Protection (ADP)** against liquid spills, drops, and electrical surges on new laptops registered within 60 days of purchase. A 90-day warranty is also provided on all warranty replacement parts.
For further assistance, product registration, or to access detailed support resources, please visit the official ASUS support website.

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