

ASUS ASUS ROG Strix G18 G814

ASUS ROG Strix G18 G814 Gaming Laptop User Manual

Model: ASUS ROG Strix G18 G814

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your ASUS ROG Strix G18 G814 Gaming Laptop. Please read this manual thoroughly before operating your device and retain it for future reference.

1.1 Package Contents

Verify that all items are present in your product package:

- ASUS ROG Strix G18 G814 Gaming Laptop
- Charger Adapter

If any item is damaged or missing, contact your retailer.



Figure 1: ASUS ROG Strix G18 G814 Gaming Laptop

2. SETUP

2.1 Connecting the Power Adapter

1. Connect the power adapter to the DC-in port on the side of your laptop.
2. Plug the power cord into a power outlet.
3. The battery charging indicator will illuminate. Allow the battery to charge fully before initial use.

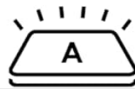
2.2 Initial Boot and Windows Setup

1. Open the laptop lid and press the power button located on the top right of the keyboard.
2. Follow the on-screen instructions to complete the Windows 11 Pro setup process. This includes selecting your region, language, connecting to a network, and creating a user account.

3. OPERATING YOUR LAPTOP

3.1 Keyboard and Touchpad

The laptop features a 4-zone RGB backlit keyboard for enhanced visibility in various lighting conditions. The touchpad supports multi-touch gestures for navigation.



4-zone RGB Backlit Keyboard

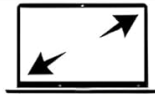
Figure 2: 4-zone RGB Backlit Keyboard

3.2 Display

Your laptop is equipped with an 18-inch IPS display featuring a 2560x1600 resolution and a 240Hz refresh rate, providing a clear and fluid visual experience.



18" IPS



2560x1600

240Hz

240Hz Refresh Rate



Figure 3: High-Resolution Display

3.3 Audio

The laptop integrates Smart Amp technology, Dolby Atmos, and AI Noise-canceling for enhanced audio output and clear communication.



Figure 4: Audio Features

3.4 Ports and Connectivity

The laptop offers various ports for connecting peripherals and external devices, along with Wi-Fi 6E and Bluetooth for wireless connectivity.

- **USB-A 3.2:** Two ports for standard USB devices.
- **Type USB 4:** One port for high-speed data transfer and display output.
- **HDMI 2.1 FRL:** One port for connecting to external displays.
- **RJ45 Ethernet:** One port for wired network connection.
- **Headphone/Mic Combo Jack:** For audio input and output.
- **Wi-Fi 6E:** For high-speed wireless internet.
- **Bluetooth:** For connecting wireless accessories.

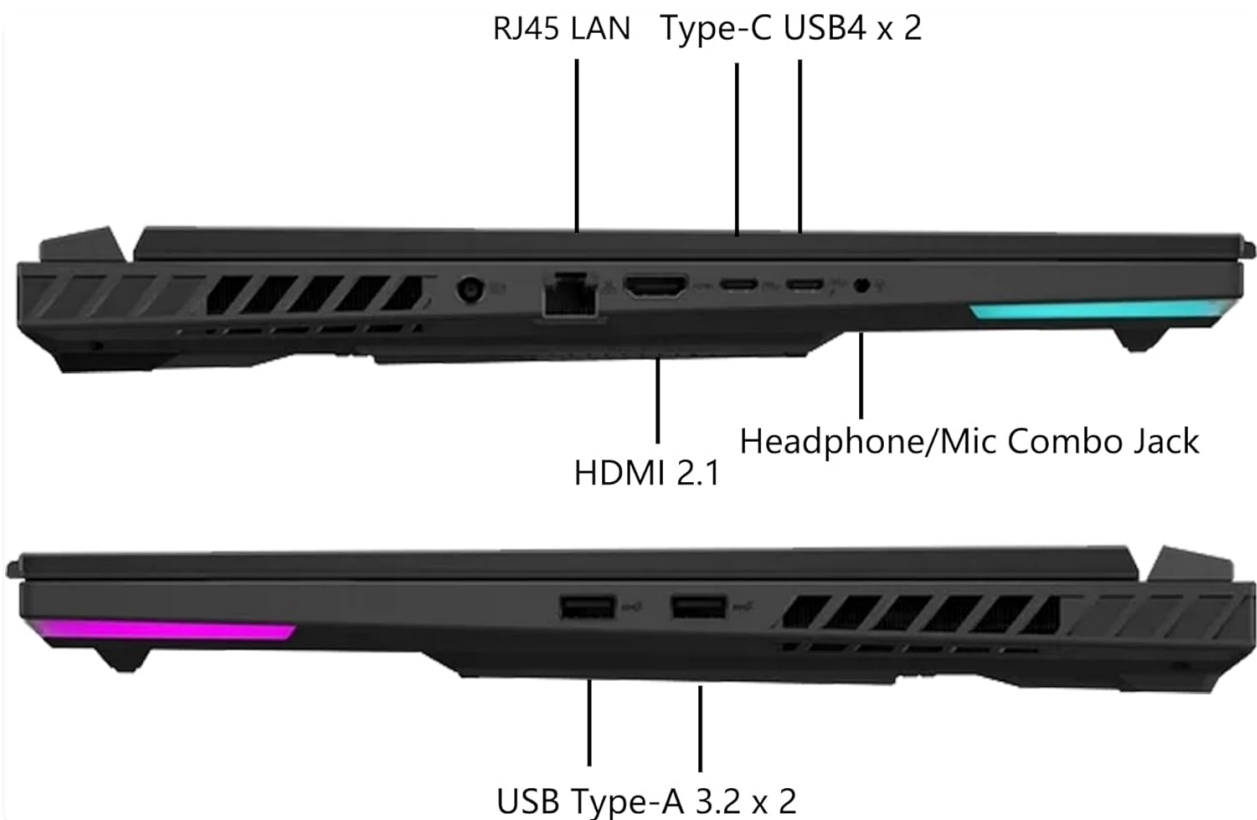


Figure 5: Laptop Ports Overview

4. MAINTENANCE

4.1 Cleaning Your Laptop

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Do not spray liquid directly onto the screen.
- **Chassis and Keyboard:** Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used. Avoid harsh chemicals.
- **Vents:** Periodically clean the ventilation openings with compressed air to prevent dust buildup, which can affect cooling performance.

4.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods.
- For optimal battery longevity, avoid exposing the laptop to extreme temperatures.

4.3 Software Updates

Regularly update your operating system and drivers to ensure optimal performance and security. Windows Update can be accessed via the Settings menu.

5. TROUBLESHOOTING

5.1 Power Issues

- **Laptop does not turn on:** Ensure the power adapter is securely connected to both the laptop and a

working power outlet. Check if the power outlet is functional.

- **Battery not charging:** Verify the power adapter is correctly connected. Try a different power outlet. If the issue persists, the adapter or battery may require service.

5.2 Display Problems

- **No display on screen:** Connect an external monitor to the HDMI port to check if the issue is with the laptop's internal display. Press **Fn + F8** (or the appropriate function key) to cycle through display modes.
- **Flickering screen:** Update your graphics drivers. Adjust the display refresh rate in Windows settings.

5.3 Connectivity Issues

- **Wi-Fi not connecting:** Ensure Wi-Fi is enabled in Windows settings. Restart your router and modem. Update Wi-Fi drivers.
- **Bluetooth device not pairing:** Ensure Bluetooth is enabled on both the laptop and the device. Place devices close to each other. Remove and re-add the device in Bluetooth settings.

6. SPECIFICATIONS

Detailed technical specifications for the ASUS ROG Strix G18 G814 Gaming Laptop:

AMD Ryzen 9 9955HX

AMD Ryzen 9 9955HX The processor with incredible speed for mobile gamers and content creators.

16-core | 32 Threads | Up to 5.4 GHz



Figure 6: AMD Ryzen 9 9955HX Processor

NVIDIA GeForce RTX 5070



Powered by NVIDIA Blackwell, GeForce RTX 50 Series GPUs bring game-changing capabilities to gamers and creators. Equipped with a massive level of AI horsepower, the RTX 50 Series enables new experiences and next-level graphics fidelity. Multiply performance with NVIDIA DLSS 4, generate images at unprecedented speed, and unleash your creativity with NVIDIA Studio.

Figure 7: NVIDIA GeForce RTX 5070 Graphics

Feature	Description
Model Name	ASUS ROG Strix G18 G814
Processor	AMD 16-core Ryzen 9 9955HX (3 GHz)
Memory	32GB DDR5 SDRAM
Storage	2TB SSD (Solid State Drive)
Graphics	NVIDIA GeForce RTX 5070 8GB Dedicated Graphics
Display	18" 2560x1600 IPS 240Hz (100% DCI-P3)
Operating System	Windows 11 Pro
Keyboard	4-zone RGB Backlit Keyboard
Audio	Smart Amp, Dolby Atmos, AI Noise-canceling

Webcam	FHD Camera
Ports	2x USB-A 3.2, 1x Type USB 4, 1x HDMI 2.1 FRL, 1x RJ45 Ethernet, Headphone/Mic Combo Jack
Wireless Connectivity	Wi-Fi 6E, Bluetooth
Battery	90Wh
Dimensions (L x W x H)	11.57" x 15.71" x 1.21"
Weight	6.63 pounds

7. WARRANTY AND SUPPORT

7.1 Product Warranty

Your ASUS ROG Strix G18 G814 Gaming Laptop comes with a limited manufacturer's warranty. Please refer to the warranty card included in your original packaging or visit the official ASUS website for detailed warranty terms and conditions specific to your region.

7.2 Technical Support

For technical assistance, driver downloads, or further product information, please visit the official ASUS support website:

www.asus.com/support/

You may also contact ASUS customer service directly through the contact information provided on their support page.