

ASUS ROG G18 Extreme

ASUS ROG Strix G18 Gaming Laptop User Manual

Model: ROG G18 Extreme | Brand: ASUS

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1. INTRODUCTION

This user manual provides essential information for the ASUS ROG Strix G18 Gaming Laptop. It covers initial setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read this manual thoroughly before using your laptop.

Safety Information

- Always use the original power adapter and cables provided with your laptop.
- Avoid exposing the laptop to extreme temperatures, direct sunlight, or high humidity.
- Do not attempt to disassemble or repair the laptop yourself. Refer to qualified service personnel.
- Keep liquids away from the laptop to prevent electrical shock or damage.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- ASUS ROG Strix G18 Gaming Laptop
- Power Adapter and Cable
- Keyboard
- Mouse
- Camera
- User Manual (this document)

3. PHYSICAL OVERVIEW

Familiarize yourself with the layout and ports of your ASUS ROG Strix G18 laptop.



Figure 3.1: Front view of the ASUS ROG Strix G18 laptop with the display open.

Ports and Connectors

The ROG Strix G18 features a variety of ports for connectivity. Refer to the images below for port locations and descriptions.



Figure 3.2: Left side ports including Power, RJ45 LAN, HDMI (2.1), Thunderbolt 4 (with DisplayPort support), USB 3.2 Gen2 Type-C, and Audio Jack.

- **Power Input:** Connects to the power adapter for charging and operation.
- **RJ45 LAN Port:** For wired network connections (Gigabit Ethernet).
- **HDMI (2.1) Port:** Connects to external displays or TVs.
- **Thunderbolt 4 Port:** High-speed data transfer, display output (DisplayPort), and power delivery.
- **USB 3.2 Gen2 Type-C Port:** Versatile port for data transfer and connecting compatible devices.
- **Audio Jack:** For headphones or a microphone.



Figure 3.3: Right side ports featuring two USB 3.2 Gen2 Type-A ports.

- **USB 3.2 Gen2 Type-A Ports (x2):** For connecting USB peripherals such as external drives, keyboards, or mice.

4. SETUP

Initial Power-On

1. Unpack the laptop and all accessories from the box.
2. Connect the power adapter to the laptop's power input port and then plug it into a power outlet.
3. Open the laptop lid.
4. Press the power button, usually located above the keyboard or on the side, to turn on the laptop.
5. Follow the on-screen instructions to complete the initial Windows 11 Pro setup.

Connecting Peripherals

- **Keyboard and Mouse:** Connect the included keyboard and mouse to the available USB Type-A ports.
- **External Camera:** If using an external camera, connect it to a USB port. The laptop also has a built-in HD webcam.
- **External Display:** Use the HDMI or Thunderbolt 4 port to connect an external monitor.

5. OPERATING YOUR LAPTOP

Power On/Off and Sleep

- **Power On:** Press the power button.
- **Shut Down:** Click the Start button, then Power > Shut down.
- **Sleep Mode:** Close the lid or click the Start button, then Power > Sleep.

Display

The ASUS ROG Strix G18 features an 18-inch QHD+ (2560x1600) WQXGA 240Hz LED Nebula display. You can adjust display settings via Windows Settings > System > Display.

Keyboard and Touchpad

- The laptop includes a full-sized keyboard with a numeric keypad and backlit keys.
- The touchpad supports multi-touch gestures for navigation. Refer to Windows settings for customization.

Audio

Equipped with a Dolby Atmos Audio 4-speaker system, your laptop delivers immersive sound. Adjust volume using the function keys or Windows sound settings.

Networking

- **Wi-Fi:** Connect to wireless networks using the integrated Wi-Fi 6E (802.11ax) triple-band module. Access Wi-Fi settings via the taskbar network icon.
- **Bluetooth:** Pair Bluetooth devices such as headphones or mice using Bluetooth 5.3. Manage Bluetooth devices in Windows Settings > Bluetooth & devices.
- **Wired LAN:** Use the RJ45 port for a stable wired internet connection.

Operating System

Your laptop comes pre-installed with Windows 11 Pro. Regular updates are recommended for security and performance.

6. MAINTENANCE

Cleaning

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Do not spray cleaner directly onto the screen.
- **Chassis and Keyboard:** Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, ensuring no moisture enters openings.
- **Vents:** Periodically clean the ventilation grilles with compressed air to prevent dust buildup, which can affect cooling performance.

Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods.
- Use the provided ASUS power adapter for optimal charging.

Software Updates

Regularly check for and install Windows updates and ASUS driver updates to ensure system stability, security, and performance.

Storage Management

Your laptop is equipped with a 16 TB SSD. Periodically review and delete unnecessary files to maintain optimal performance. Utilize disk cleanup tools available in Windows.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your laptop.

Problem	Possible Solution
Laptop does not power on	Ensure the power adapter is securely connected to both the laptop and a working power outlet. Check if the power outlet is functional. Try holding the power button for 15-20 seconds to perform a hard reset.
No display on screen	Ensure the laptop is powered on. Try connecting an external monitor via HDMI or Thunderbolt to check if the issue is with the laptop's display. Adjust brightness settings using function keys.
Wi-Fi connection issues	Check if Wi-Fi is enabled in Windows settings. Restart your router and modem. Ensure you are within range of the Wi-Fi network. Update Wi-Fi drivers.
Keyboard or touchpad not responding	Restart the laptop. Check for any physical obstructions. Ensure drivers are up to date. If using an external keyboard/mouse, try connecting them to different USB ports.
System is slow or unresponsive	Close unnecessary applications. Check Task Manager for processes consuming high CPU/RAM. Run a disk cleanup. Ensure sufficient free space on the SSD. Perform a system restart.

8. SPECIFICATIONS

Key technical specifications for the ASUS ROG Strix G18 Gaming Laptop:

Feature	Detail
Processor	Intel 14th Gen Core i9-14900HX (up to 5.80GHz)
RAM	64GB DDR5
Storage	16TB SSD (2x 8TB M.2 SSD)
Graphics	NVIDIA GeForce RTX with 8GB GDDR6 dedicated memory
Display	18-inch QHD+ (2560x1600) WQXGA 240Hz LED Nebula Display
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6E (802.11ax) Triple Band 2x2, Bluetooth 5.3
Ports	HDMI 2.1, Thunderbolt 4, 1x USB-C 3.2, 2x USB-A 3.2, RJ45 LAN, Audio Jack
Audio	Dolby Atmos Audio 4-speaker system
Webcam	Built-in HD webcam & mic

Feature	Detail
Dimensions (LxWxH)	15.71 x 0.91 x 11.57 inches
Weight	5.51 pounds

9. WARRANTY AND SUPPORT

Your ASUS ROG Strix G18 Gaming Laptop comes with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including coverage duration and service procedures.

Customer Support

For technical assistance, driver downloads, or service inquiries, please visit the official ASUS support website or contact their customer service. Keep your product's serial number handy when contacting support.

ASUS Support Website: www.asus.com/support/