ASUS G713

ASUS ROG Strix G17 G713 Gaming Laptop User Manual

1. Introduction

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your ASUS ROG Strix G17 G713 Gaming Laptop. Please read this manual thoroughly to ensure proper use and to maximize the performance and longevity of your device.



Figure 1: ASUS ROG Strix G17 G713 Gaming Laptop with included accessories.



Figure 2: Top view of the ASUS ROG Strix G17 G713 Gaming Laptop when closed.

2. Setup Guide

2.1 Unboxing and Initial Inspection

1. Carefully remove the laptop and all accessories from the packaging.
2. Verify that all components are present: ASUS ROG Strix G17 G713 Laptop, Power Adapter, HDMI Cable, USB-C Adapter, and Xbox Skin.
3. Inspect the laptop for any physical damage. If damage is found, contact your retailer immediately.

2.2 Connecting Power

1. Connect the power adapter to the power input port on the laptop.
2. Plug the power cable into a grounded electrical outlet.
3. It is recommended to fully charge the battery before the first use.

2.3 First Boot and Operating System Setup

1. Open the laptop lid and press the power button.
2. Follow the on-screen instructions to complete the Windows 11 Home operating system setup. This includes selecting your region, language, and setting up user accounts.

2.4 Connecting Peripherals

You can connect external devices such as a mouse, keyboard, or external display using the available ports. Refer to Section 3.4 for a list of available ports.

3. Operating Your Laptop

3.1 Display Features

Your ASUS ROG Strix G17 G713 features a 17.3-inch WQHD (2560x1440) IPS display with a 240Hz refresh rate. It offers 100% DCI-P3 color gamut, a 3ms response time, G-Sync technology, and a MUX Switch with NVIDIA Advanced for optimal visual performance.



Figure 3: The laptop's display showcasing the ROG logo.

3.2 Performance Overview

The laptop is powered by an AMD 12-Core Ryzen 9 7845HX Processor and features a dedicated NVIDIA GeForce RTX 4060 8GB Graphic card. It comes equipped with 64GB DDR5 RAM and a 1TB SSD for high-speed storage and multitasking capabilities.

3.3 Keyboard and Audio

The integrated keyboard features RGB backlighting, allowing for customizable lighting effects. For audio, the laptop supports Dolby Atmos and includes AI noise-canceling technology for clear communication.



Figure 4: Top-down view of the RGB backlit keyboard.

3.4 Available Ports

The ASUS ROG Strix G17 G713 provides a variety of ports for connectivity:

- 2 x USB-A 3.2 ports
- 2 x Type-C 3.2 ports
- 1 x HDMI 2.1 FRL port
- 1 x RJ45 Ethernet port

Wireless connectivity includes Bluetooth. The laptop also features an integrated camera.



Figure 5: Side view illustrating the laptop's connectivity ports.

3.5 Battery and Charging

The laptop is equipped with a 4-cell 90Wh battery and supports fast charging. Ensure you use the provided power adapter for optimal charging performance.

4. Maintenance

4.1 Cleaning Your Laptop

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Avoid harsh chemicals.
- **Keyboard and Chassis:** Use a soft cloth to wipe surfaces. A can of compressed air can be used to remove dust from between keys.
- **Ventilation:** Regularly check and clean the ventilation grilles to prevent dust buildup, which can impede the advanced cooling system.

4.2 Battery Care

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

4.3 Software Updates

Regularly update your operating system, drivers, and ASUS utilities to ensure optimal performance, security, and compatibility.

5. Troubleshooting

This section provides solutions for common issues you might encounter.

5.1 General Troubleshooting Steps

- **No Power/System Not Starting:** Ensure the power adapter is securely connected to both the laptop and a working electrical outlet. Try a different outlet.
- **Display Issues:** If the screen is blank, try connecting an external monitor to verify if the issue is with the laptop's display or the graphics card. Ensure display drivers are up to date.
- **Performance Slowdown:** Close unnecessary applications. Check for background processes consuming high resources. Ensure the laptop's ventilation is clear and the cooling system is functioning properly.
- **Peripheral Not Detected:** Ensure the peripheral is correctly connected to the appropriate port. Try connecting it to a different port or another device to rule out a faulty peripheral.

5.2 Contacting Support

If you encounter issues that cannot be resolved using the steps above, please refer to the ASUS support website or contact their customer service for further assistance.

6. Specifications

Detailed technical specifications for the ASUS ROG Strix G17 G713 Gaming Laptop:

Feature	Specification
Model Name	G713
Processor	AMD 12-Core Ryzen 9 7845HX (3 GHz)
Graphics Coprocessor	NVIDIA GeForce RTX 4060 8GB (Dedicated)
RAM	64GB DDR5
Storage	1TB SSD
Screen Size	17.3 Inches

Feature	Specification
Screen Resolution	WQHD (2560 x 1440 pixels) IPS 240Hz, 100% DCI-P3, 3ms, G-Sync
Operating System	Windows 11 Home
Ports	2x USB-A 3.2, 2x Type-C 3.2, 1x HDMI 2.1 FRL, 1x RJ45 Ethernet
Wireless Connectivity	Bluetooth
Special Features	RGB Backlit Keyboard, Dolby Atmos Audio, AI Noise-Canceling, Camera
Battery	4-cell 90Wh
Dimensions (LxWxH)	11.1 x 15.55 x 1.21 inches
Item Weight	6.18 pounds
Color	Black



Figure 6: Angled rear view of the laptop, showing design elements and cooling vents.

7. Warranty and Support

7.1 Product Warranty

Your ASUS ROG Strix G17 G713 Gaming Laptop is covered by a limited manufacturer's warranty. Please refer to the warranty card included with your product or visit the official ASUS website for detailed terms and conditions, including warranty period and coverage.

7.2 Technical Support

For technical assistance, driver downloads, FAQs, and other support resources, please visit the official ASUS support website. You can typically find support by searching for your specific model number (G713) on their website.