

## ASUS GA401IV-BR9N6

# ASUS ROG Zephyrus G14 14" Gaming Laptop User Manual

Model: GA401IV-BR9N6

## 1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your ASUS ROG Zephyrus G14 14-inch Gaming Laptop. Please read this manual thoroughly to ensure proper usage and to maximize the performance and longevity of your device.



Figure 1: Front view of the ASUS ROG Zephyrus G14 Laptop.

## 2. SETUP

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### 2.1 Unpacking and Initial Inspection

- Carefully remove the laptop and all accessories from the packaging.
- Verify that all components are present: laptop, power adapter, and any included documentation.
- Inspect the laptop for any physical damage. If damage is found, contact your retailer immediately.

### 2.2 Connecting the Power Adapter

1. Connect the AC adapter to the power jack on the laptop.
2. Plug the power cord into a wall outlet.
3. The battery indicator light will illuminate, indicating that the laptop is charging.

### 2.3 First Power On

- Open the laptop lid.
- Press the power button located on the top-right of the keyboard deck.
- Follow the on-screen instructions to complete the initial setup of Windows 10 Home.

## 3. OPERATING THE LAPTOP

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### 3.1 Keyboard and Touchpad

The ASUS ROG Zephyrus G14 features a full-sized keyboard and a precision touchpad. Familiarize yourself with the layout and special function keys (Fn keys) for quick access to system settings like volume, brightness, and Wi-Fi.



Figure 2: Keyboard and Touchpad Layout.

### 3.2 Display Features

Your laptop is equipped with a 14-inch display offering a 1920 x 1080 pixel resolution. For optimal viewing, ensure display drivers are up to date.

### 3.3 I/O Ports

The laptop provides various ports for connecting external devices:

- **Left Side:** 1x 3.5mm Combo Audio Jack, 1x HDMI 2.0b, 1x USB 3.2 Gen 2 Type-C (supporting DisplayPort / power delivery / G-SYNC).
- **Right Side:** 2x USB 3.2 Gen 1 Type-A, 1x USB 3.2 Gen 2 Type-C.



Figure 3: Left Side Ports.



Figure 4: Right Side Ports.

### 3.4 Power Management

The laptop is designed for efficient power usage. To optimize battery life, adjust screen brightness, close unused applications, and utilize power-saving modes available in Windows settings. The average battery life is approximately 8 hours under typical usage conditions.

## 4. MAINTENANCE

### 4.1 Cleaning Instructions

- Use a soft, lint-free cloth to clean the screen and chassis.
- For stubborn marks, dampen the cloth lightly with water or a screen-safe cleaning solution.
- Avoid harsh chemicals or abrasive materials.
- Regularly clean the keyboard and touchpad to prevent dust buildup.

### 4.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods.
- If the battery performance significantly degrades, contact ASUS support for replacement options.

### 4.3 Software Updates

Regularly update your operating system (Windows 10 Home) and drivers to ensure optimal performance, security, and compatibility. ASUS provides utility software to assist with driver updates.

## 5. TROUBLESHOOTING

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

### 5.1 Power Issues

- **Laptop does not turn on:** Ensure the power adapter is securely connected and the wall outlet is functional. If the battery is completely drained, allow it to charge for a few minutes before attempting to power on.
- **Laptop stuck in reboot loop:** Try performing a hard reset by holding the power button for 15 seconds. If the issue persists, it may indicate a hardware problem; contact support.

### 5.2 Display Problems

- **No display on screen:** Connect an external monitor to verify if the issue is with the laptop's internal display. Ensure display drivers are updated.

### 5.3 Performance and Heat

- **Laptop runs hot:** Ensure ventilation vents are clear and not obstructed. Consider using the laptop on a hard, flat surface. High temperatures during intensive tasks (like gaming) are normal, but excessive heat during light use may indicate an issue.

### 5.4 Fingerprint Reader Issues

- **Fingerprint reader inconsistent:** Ensure your finger is clean and dry. Re-register your fingerprints in Windows Hello settings if accuracy is consistently low.

### 5.5 Keyboard Backlight

- **Uneven keyboard backlight:** This can be a characteristic of some keyboard designs. Ensure backlight settings are adjusted to your preference using the dedicated function keys or ASUS software.

## 6. SPECIFICATIONS

| Feature              | Detail                              |
|----------------------|-------------------------------------|
| Model Name           | Zephyrus 14 (GA401IV-BR9N6)         |
| Processor            | AMD Ryzen 9 (3 GHz)                 |
| Graphics Coprocessor | NVIDIA GeForce RTX 2060 (Dedicated) |

|                      |   |
|----------------------|---|
| RAM                  | 16 GB DDR4 (3200 MHz)   |
| Storage              | 1 TB SSD (Solid State)  |
| Display Size         | 14 Inches   |
| Screen Resolution    | 1920 x 1080 pixels  |
| Operating System     | Windows 10 Home   |
| Wireless Type        | 802.11ax  |
| I/O Ports            | 4x USB 3.0 Ports (including Type-C with DisplayPort/Power Delivery/G-SYNC), 1x HDMI 2.0b, 1x 3.5mm Combo Audio Jack |
| Average Battery Life | 8 Hours   |
| Item Weight          | 3.64 pounds   |
| Product Dimensions   | 12.8 x 8.7 x 0.7 inches   |
| Special Features     | Anti Glare Coating, Fingerprint Reader, HD Audio, Spill Resistant   |

*Note: Some configurations may feature upgraded components such as 40GB RAM or Windows 11 Pro, depending on the specific purchase variant.*

## 7. WARRANTY AND SUPPORT

### 7.1 Product Warranty

Your ASUS ROG Zephyrus G14 laptop comes with a standard manufacturer's warranty. For professionally upgraded components like RAM and SSD, a 1-year standard warranty is typically provided. Please refer to the warranty card included with your product for specific terms and conditions, or visit the official ASUS support website.


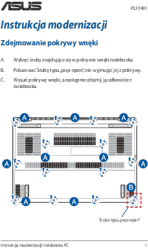




### 7.2 Technical Support

For technical assistance, driver downloads, or service inquiries, please visit the official ASUS support website or contact their customer service. Have your product model number (GA401IV-BR9N6) and serial number ready when contacting support.

Official ASUS Support: <https://www.asus.com/support/>



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