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> [ASUS ROG Zephyrus Gaming Laptop User Manual](#)

## ASUS ASUS - ROG Zephyrus

# ASUS ROG Zephyrus 15.6" WQHD 165Hz Gaming Laptop User Manual

Model: ASUS - ROG Zephyrus | Brand: ASUS

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## 1. INTRODUCTION

This manual provides comprehensive instructions for the ASUS ROG Zephyrus 15.6" WQHD 165Hz Gaming Laptop. Designed for high-performance gaming and demanding tasks, this laptop features an AMD Ryzen 9 6900HS processor, NVIDIA GeForce RTX 3060 graphics, 40GB DDR5 RAM, and a 4TB PCIe 4.0 SSD. It comes equipped with a vibrant WQHD 165Hz display and an RGB backlit keyboard, running on Windows 11. This guide will help you set up, operate, maintain, and troubleshoot your device to ensure optimal performance and longevity.



Figure 1.1: The ASUS ROG Zephyrus Gaming Laptop, showcasing its powerful AMD Ryzen 9 6900HS processor and NVIDIA GeForce RTX 3060 graphics capabilities.

## 2. SETUP

### 2.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the packing list are present and undamaged. The package includes the ASUS ROG Zephyrus laptop, power adapter, and a 256GB Docking Station Set.

### 2.2 Connecting Power

1. Connect the power adapter to the laptop's power input port.
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 Boot and Windows 11 Setup

Press the power button to turn on the laptop. Follow the on-screen prompts to complete the Windows 11 setup process, including language selection, network connection, and user account creation.

### 2.4 Connecting the Docking Station Set

The included 256GB Docking Station Set enhances connectivity and storage. Connect the docking station to your laptop via a USB Type-C port. This set typically includes a 7-in-1 docking station with 256GB SSD, a 32GB MicroSD Card with Adapter, Type-C Data Cable, 3-in-1 Charging Cable, and a Suede Cleaning Cloth.

**1 7-in-1 Docking Station w/ 256GB Storage**

**2 32GB MicroSD Card w/ Adapter**

**3 Type-C Data Cable**

**4 3-in-1 Charging Cable**

**5 Suede Cleaning Cloth**

**\$129 Value**

(Supports Windows / Mac OS / Android and other systems.)

**Type-C**  
(Compatible with computers, tablets, cell phones, etc.)

**256GB Storage**

**PD Charging (100W)**

**SD Card Reader (USB 2.0 standard rate)**

**Micro SD(TF) Card Reader (USB 2.0 standard rate)**

**USB-3.0 (5Gbps)**

**USB-2.0 (480Mbps)**

**HDMI 4K/30HZ (3840\*2160)**

**3-in-1 Charging Cable**

**Type-C Data Cable**

**7-in-1 Docking Station w/ 256GB Storage**

**32GB MicroSD Card w/ Adapter**

**Suede Cleaning Cloth**

Pull out

Figure 2.1: Overview of the 256GB Docking Station Set components, including the 7-in-1 docking station, MicroSD card, and various cables.



Figure 2.2: An alternative docking station set, which may include a 6-in-1 docking station and a 128GB M.2 NVME Solid State Drive, along with cables and adapter.

### 3. OPERATING INSTRUCTIONS

#### 3.1 Display Features

The laptop features a 15.6-inch WQHD (2560 x 1440 pixels) display with a 165Hz refresh rate, providing smooth visuals for gaming and multimedia. It supports Adaptive-Sync technology for tear-free gameplay and is Pantone Validated for accurate color reproduction. Enjoy enhanced visual experiences with Dolby Vision support.

# RICH DETAIL AT GAMING SPEED

**ADAPTIVE-SYNC**  
SUPPORT

**PANTONE® VALIDATED**  
COLORS

**16:9**  
ASPECT RATIO

**165Hz**  
REFRESH RATE



Figure 3.1: Key display features of the ROG Zephyrus, highlighting its high refresh rate, color accuracy, and adaptive synchronization capabilities.

## 3.2 Performance Overview

Equipped with an AMD Ryzen 9 6900HS CPU and NVIDIA GeForce RTX 3060 GPU, the laptop delivers robust performance for gaming and demanding applications. The 40GB DDR5 RAM ensures smooth multitasking, while the 4TB PCIe SSD provides ample and fast storage.

# ZEPHYRUS G15

AMD  
**Ryzen 9 6900HS**  
CPU

NVIDIA GeForce  
**RTX 3060**  
GPU

2560 x 1440p  
**WQHD**  
Display

**40GB**  
DDR5 Memory

**4T**  
PCIe SSD



Figure 3.2: Visual representation of the ROG Zephyrus G15's core specifications, emphasizing its powerful CPU, GPU, memory, and storage.

# FLEX YOUR POWER

Built using cutting-edge 6nm technology, this high performance CPU is ready to tackle heavy duty workloads.



Figure 3.3: The AMD CPU, built using cutting-edge 6nm technology, designed for heavy-duty workloads and high performance.

## 3.3 Keyboard and Touchpad

The laptop features an RGB backlit keyboard for comfortable typing in various lighting conditions. It includes gaming hotkeys with macro functions and a desktop-inspired layout for enhanced usability. The responsive touchpad provides precise cursor control.



# IMMERSIVE SURROUND SOUND

**QUAD**  
SPEAKERS

TWO - WAY  
**AI NOISE CANCELLATION**

VERSATILE  
**3D MIC**  
ARRAY

**Dolby Atmos**



Figure 3.5: Illustration of the laptop's advanced audio system, featuring multiple speakers, AI-powered noise cancellation, and immersive Dolby Atmos sound.

## 3.5 Ports and Connectivity

The laptop offers a variety of ports for connectivity, including:

- 1x RJ45 LAN port
- 2x USB 3.2 Gen 2 Type-C ports
- 2x USB 3.2 Gen 1 Type-A ports
- 1x HDMI 2.0b port
- 1x 3.5mm Combo Audio Jack
- MicroSD card slot
- Kensington Lock slot

Wireless connectivity is provided via 802.11ax (Wi-Fi 6).

# TRANSFORM YOUR EXPERIENCE

Drive multiple displays. Connect to a big screen TV.  
Use your favorite USB accessories.

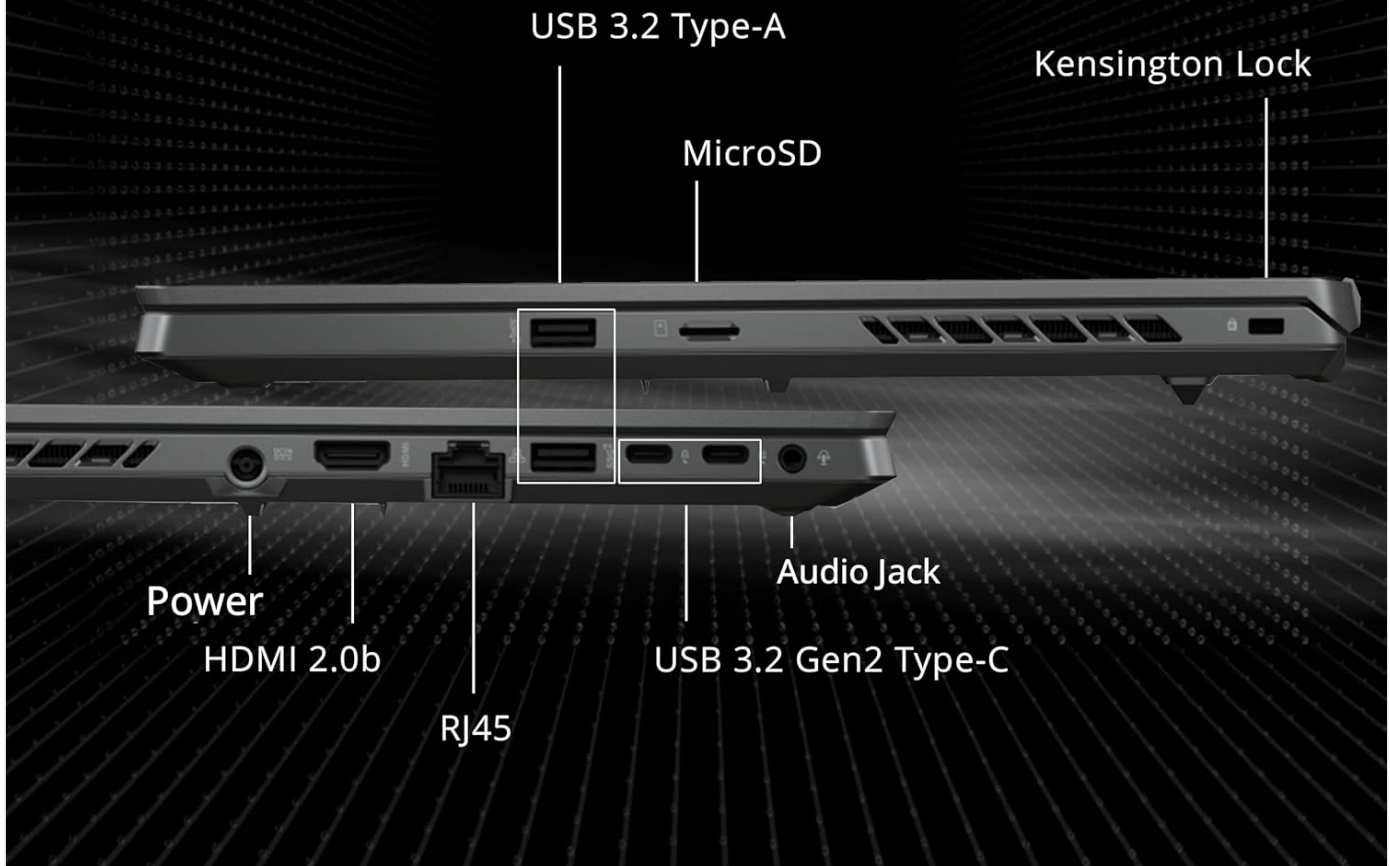


Figure 3.6: A detailed view of the laptop's side ports, illustrating options for power, external displays, network, audio, and various USB connections.

## 4. MAINTENANCE

### 4.1 Cleaning Your Laptop

- Use a soft, lint-free cloth to clean the screen and chassis.
- For stubborn smudges, dampen the cloth slightly with water or a screen-safe cleaner.
- Avoid spraying liquids directly onto the laptop.
- Use compressed air to clear dust from keyboard keys and ventilation grilles.

### 4.2 Software Updates

Regularly check for and install Windows updates, graphics driver updates (NVIDIA), and ASUS utility updates to ensure optimal performance, security, and compatibility.

## 4.3 Battery Care

- Avoid completely discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods.
- For long-term storage, charge the battery to about 50-60%.

## 5. TROUBLESHOOTING

### 5.1 Common Issues and Solutions

Problem	Possible Cause	Solution
Laptop does not power on	No power, discharged battery, faulty power adapter	Ensure power adapter is securely connected and outlet is functional. Charge battery for at least 30 minutes before attempting to power on.
Display is blank	Sleep mode, external display connected, display driver issue	Press any key or move mouse to wake from sleep. Disconnect external displays. Update graphics drivers.
Keyboard not responding	Driver issue, software conflict	Restart the laptop. Check Device Manager for keyboard driver issues.
Slow performance	Too many background applications, insufficient RAM, overheating	Close unnecessary applications. Ensure proper ventilation. Check for malware.

For more complex issues, refer to the ASUS official support website or contact customer service.

## 6. SPECIFICATIONS

Feature	Detail
Brand	ASUS
Model Name	ASUS - ROG Zephyrus
Screen Size	15.6 Inches
Screen Resolution	2560 x 1440 pixels (WQHD)
Max Screen Resolution	2560x1440 Pixels
Processor	AMD Ryzen 9 6900HS (3.3 GHz)
RAM	40 GB DDR5
Hard Drive	4 TB PCIe SSD
Graphics Coprocessor	NVIDIA GeForce RTX 3060

Feature	Detail
Operating System	Windows 11 Home
Wireless Type	802.11ax (Wi-Fi 6)
Color	Gray
Item Weight	4.19 pounds
Product Dimensions	13.98 x 9.57 x 0.78 inches
Special Feature	Backlit Keyboard
Included Accessories	256GB Docking Station Set (7-in-1 Docking Station w/256GB SSD, 32GB MicroSD Card w/Adapter, Type-C Data Cable, 3-in-1 Charging Cable, Suede Cleaning Cloth)

## 7. WARRANTY INFORMATION

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The laptop comes with a 1-Year warranty on upgraded RAM/SSD components provided by SnowBell. Additionally, the original manufacturer's warranty from ASUS covers the remaining components for 1 year from the date of purchase. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official ASUS warranty policy or contact SnowBell directly for upgraded components.

## 8. CUSTOMER SUPPORT

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For technical assistance, troubleshooting, or warranty inquiries, please contact ASUS customer support through their official website. You can find support resources, FAQs, and contact information at the [ASUS Support Website](#). For issues specifically related to the upgraded RAM/SSD components, please contact SnowBell, the provider of the upgrade.