

ASUS GU502GU-XH74

ASUS ROG Zephyrus M GU502GU-XH74 Gaming Laptop User Manual

Model: GU502GU-XH74 | Brand: ASUS

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your ASUS ROG Zephyrus M GU502GU-XH74 gaming laptop. Please read this guide thoroughly to ensure proper usage and to maximize the performance and longevity of your device.



Image 1.1: The ASUS ROG Zephyrus M GU502GU-XH74 gaming laptop, shown open at an angle.

2. PACKAGE CONTENTS

Verify that all items are present in your product packaging:

- ASUS ROG Zephyrus M GU502GU-XH74 Laptop
- Power Adapter and Power Cord
- User Manual (this document)
- Warranty Card (if applicable)

3. PHYSICAL OVERVIEW

3.1 Front View (Open)



Image 3.1: Front view of the laptop with the display open, showcasing the screen and keyboard area. The 15.6-inch Full HD (1920x1080) IPS display features a 240Hz refresh rate and Pantone Validation for accurate color reproduction. The keyboard includes per-key RGB backlighting.

3.2 Keyboard and Touchpad



Image 3.2: Top-down view highlighting the keyboard layout and touchpad.

The keyboard features a standard layout with function keys and dedicated media controls. The large precision touchpad supports multi-touch gestures for navigation.

3.3 Side and Rear Ports



Image 3.3: Left side view of the laptop, displaying various input/output ports.

The laptop is equipped with multiple ports for connectivity, including USB 3.0, USB 3.1 (Gen 1 and 2), Type-C, HDMI, Ethernet, and audio jacks. Specific port availability may vary by configuration.



Image 3.4: Rear-side view of the laptop, showing the exhaust vents for cooling.

Cooling vents are strategically placed on the sides and rear to facilitate efficient heat dissipation during operation.

4. SETUP

4.1 Initial Power-On

1. Connect the power adapter to the laptop's power input port and then plug the power cord into an electrical outlet.
2. Open the laptop lid.
3. Press the power button, typically located above the keyboard, to turn on the device.
4. Follow the on-screen instructions to complete the initial Windows 10 Pro setup, including language, region, network connection, and user account creation.

4.2 Network Connection

To connect to a wireless network:

1. Click the Wi-Fi icon in the Windows taskbar.
2. Select your desired network from the list and click 'Connect'.
3. Enter the network security key (password) if prompted.

For a wired connection, connect an Ethernet cable to the laptop's Ethernet port.

5. OPERATING INSTRUCTIONS

5.1 Power Management

- **Power On:** Press the power button.
- **Sleep Mode:** Close the lid or select 'Sleep' from the Windows Start menu.

- **Shut Down:** Select 'Shut down' from the Windows Start menu.

5.2 Keyboard Functions

The keyboard features function keys (F1-F12) that can be activated with the **Fn** key for various shortcuts, such as adjusting screen brightness, volume, or toggling Wi-Fi.

5.3 Display Settings

The 240Hz display is optimized for smooth visuals. To adjust display settings:

- Right-click on the desktop and select 'Display settings'.
- Under 'Advanced display settings', you can verify or change the refresh rate.

5.4 Audio

Adjust volume using the dedicated function keys or through the Windows sound settings. For optimal audio experience, ensure drivers are up to date.

6. MAINTENANCE

6.1 Cleaning

- Use a soft, lint-free cloth to clean the screen and chassis.
- Avoid harsh chemicals or abrasive materials.
- Periodically clean the cooling vents to prevent dust buildup, which can affect performance.

6.2 Battery Care

- Avoid fully discharging the battery frequently.
- For prolonged storage, charge the battery to approximately 50-60%.
- Operating the laptop while plugged in is recommended for demanding tasks to maintain performance and battery health.

6.3 Software Updates

Regularly update your Windows operating system, graphics drivers (NVIDIA), and ASUS utilities to ensure optimal performance, security, and compatibility.

7. TROUBLESHOOTING

7.1 Common Issues

- **No Power:** Ensure the power adapter is securely connected to both the laptop and the power outlet. Try a different outlet.
- **Display Issues:** If the screen is blank, try connecting an external monitor to check if the laptop is functioning. Update graphics drivers.
- **Overheating:** Ensure cooling vents are clear. Consider using a laptop cooling pad for extended heavy use. Reduce background processes.
- **Performance Lag:** Check for background applications consuming resources. Ensure sufficient free storage space. Update drivers.
- **Keyboard/Touchpad Unresponsive:** Restart the laptop. Check for driver updates in Device Manager.

For persistent issues, refer to the ASUS support website or contact technical support.

8. SPECIFICATIONS

Feature	Specification
Model	GU502GU-XH74
Processor	Intel Core i7-9750H (Hexa-core, 2.6 GHz)
Graphics	NVIDIA GeForce GTX 1660 Ti 6GB GDDR6
Display	15.6" FHD (1920x1080) IPS, 240Hz, 3ms, Pantone Validated
RAM	16GB DDR4 2666MHz
Storage	512GB PCIe SSD
Operating System	Windows 10 Pro
Wireless Connectivity	Gigabit Wave 2 Wi-Fi 5 (802.11ac 2x2), Bluetooth
Dimensions (LxWxH)	14.2 x 9.9 x 0.8 inches (36.07 x 25.15 x 2.03 cm)
Weight	4.6 pounds (2.09 kg)

9. WARRANTY AND SUPPORT







9.1 Warranty Information

This product is covered by a manufacturer's warranty. The duration and terms of the warranty may vary by region and retailer. Please refer to the warranty card included in your package or visit the official ASUS support website for detailed warranty information specific to your purchase.

9.2 Technical Support

For technical assistance, driver downloads, or further product information, please visit the official ASUS support website. You may also contact ASUS customer service directly for personalized support.

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

	<p>ASUS ROG Product Guide: Gaming Laptops, Desktops, and Peripherals</p> <p>Explore the latest ASUS Republic of Gamers (ROG) gaming laptops, desktops, and peripherals. Discover cutting-edge technology, award-winning designs, and detailed specifications for the ultimate gaming experience.</p>
	<p>ASUS ROG Product Guide 2018 Q4: Gaming Laptops, Desktops, and Phones</p> <p>Explore the 2018 Q4 ASUS Republic of Gamers (ROG) product guide, featuring the latest gaming laptops, desktops, and phones. Discover cutting-edge performance, design, and technology for ultimate gaming experiences.</p>
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TESPA SPRING LEVEL UP GIVEAWAY

OFFICIAL RULES

Please read these rules ("Official Rules") before participating in the Tespa Spring Level Up Giveaway (the "Promotion"). By participating in the Promotion, you agree to be bound by these Official Rules and represent that you satisfy all of the eligibility requirements contained in Section 1 below.

1. **Eligibility:** NO PERSONAL SUCCESSORS TO ENTER OR WIN. TESPA, INC. ("PROMOTER") IS THE PROMOTER OF THIS PROMOTION. THIS PROMOTION IS OPEN ONLY TO INDIVIDUALS WHO, AS OF THE DATE OF ENTRY ARE: (A) LEGAL RESIDENTS OF THE UNITED STATES OR CANADA, EXCLUDING THE STATE OF ALABAMA, ARIZONA, IDAHO, IOWA, KANSAS, MINNESOTA, CONNECTICUT, OR MARYLAND IN THE UNITED STATES, OR THE PROVINCE OF QUEBEC, CANADA, OR RESIDENTS OF ANY OF THE UNITED STATES OR CANADA; (B) CURRENT STUDENTS ENROLLING IN GRADE 9-12 OR COLLEGE OR UNIVERSITY; (C) HAVE THE INTENT TO RETURN TO A U.S. HIGHER EDUCATIONAL INSTITUTION; AND (C) HAVE AUTHORIZED ACCESS TO A TWITTER ACCOUNT THAT IS IN GOOD STANDING AND WHICH REMAINS IN GOOD STANDING THROUGHOUT THE PROMOTION PERIOD. To be eligible to win a prize, entries must be completed and received by Promoter at the latest designated before. Entries received and submitted by Promoter, its agent, and any of their respective affiliates, consultants, agents, professional advisors, advertising and promotional agencies, and promotional partners, parents, relatives, friends, spouses and immediate families, whether listed or not, are not eligible to win any prize. All applicable federal, state, provincial, and local laws and regulations apply. The Promotion is void where prohibited or contrary to law.

2. **Disclosure:** Promoter, its participating sponsors, and any of their respective parent companies, subsidiaries, affiliates, directors, officers, professional advisors, employees and agents will not be responsible for: (a) any loss, loss, misstatement, published or otherwise, damages, compensation or return; (b) telephone, data service, hardware, software, network, hardware, or other computer communication system malfunctions or failures; (c) any disruption, outage, loss or damage, caused by events beyond the control of Promoter or its any printing or typographical errors in any materials associated with the Promotion.

3. **Promotion Period:** The Promotion will run from 12:00 PM PST on April 13, 2020 and 5:00 PM PST on April 17, 2020 (the "Promotional Period").

4. **How to Enter:** Entries must be the following during the Promotional Period to participate in the Promotion:

- a. Create a log to print the Twitter account by visiting <https://twitter.com/tespa>
- b. Follow the [@tespa](https://twitter.com/tespa) Twitter account and
- c. Publicly reply to Promoter's Twitter account that contains "@tespa" and a photo of Blizz's home gaming setup and a message to Blizz's account on a regular basis. Entries must have permission from all identifiable people contained within a submission to submit their image and Blizz as part of the Promotion.

5. **Winner Selection and Prize:** Promoter will choose one (1) grand prize winner and two (2) standard winners based on which Blizz's name is best on the [@tespa](https://twitter.com/tespa) Twitter account.

Each of the two (2) standard winners will receive the following prize package with a combined approximate retail value of Nine Hundred Dollars (\$900) and Blizz's School Code (USD\$100):

- One (1) ASUS TUF Gaming V502QM Laptop
- One (1) ROG Rapture GT-AC2900 Router
- One (1) ROG Elite Laptop Bag
- One hundred (100) digital ROG Elite Points redeemable at <https://www.rog.com/usa>
- One (1) SteelSeries Sensei Ten Mouse
- One (1) SteelSeries QCK Large Mousepad
- One (1) Tespa Spring Level Up

One (1) grand prize winner will receive the following prize package with a combined approximate retail value of (USD \$2,239.97):

- One (1) ROG Zephyrus M Gaming Laptop (G5300G-XH74-BL)
- One (1) ASUS ROG Rapture GT
- One hundred (100) digital ROG Elite Points redeemable at <https://www.rog.com/usa>

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Official Rules before pa ... ith a combined approximate retail value of USD 2,239.97 :

One 1 ROG Zephyrus M Gaming Laptop **GU502GU-XH74-BL** One 1 ASUS ROG

Swag Set One hundred 100 digital ROG Elite Points redeemable...

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