

IQUNIX EZ63

IQUNIX EZ63 Gaming Keyboard User Manual

Model: EZ63

1. PRODUCT OVERVIEW

The IQUNIX EZ63 is a high-performance 60% RGB mechanical gaming keyboard designed for competitive gaming and efficient typing. Featuring 64 keys with advanced Star Trail Magnetic Switches, it offers rapid trigger functionality, adjustable actuation points, and an ultra-fast 8000Hz polling rate for minimal latency. Constructed with a premium CNC aluminum build and double-shot PBT keycaps, the EZ63 provides a durable and satisfying user experience.

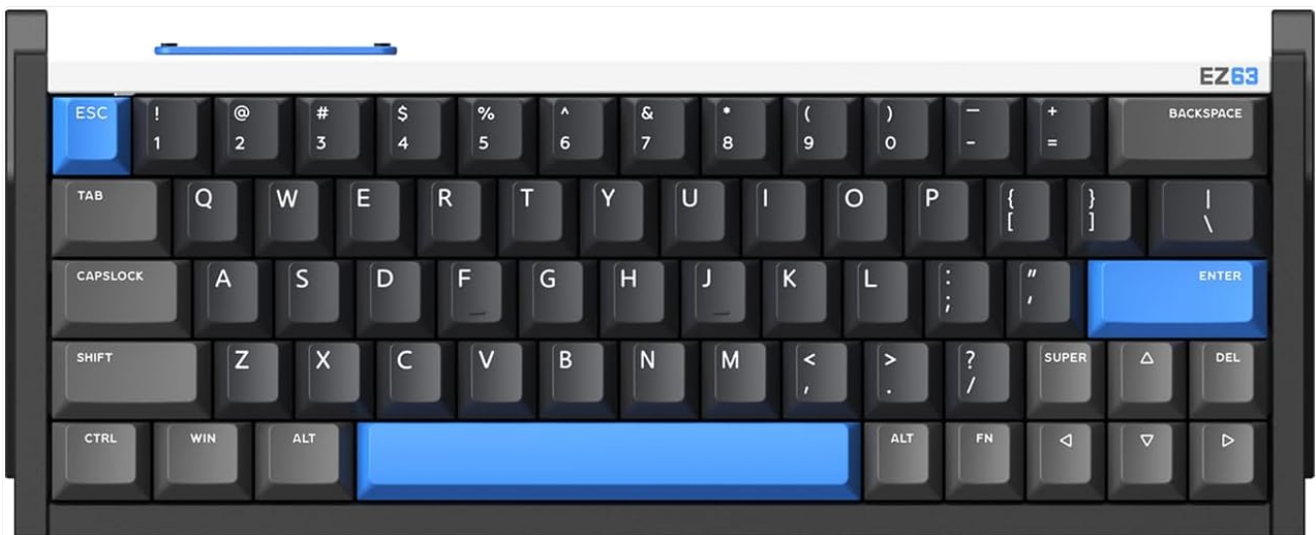


Image: Front view of the IQUNIX EZ63 Gaming Keyboard, showcasing its compact 64-key layout with black keycaps and blue accent keys.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- IQUNIX EZ63 Gaming Keyboard x1
- Keycap & Switch Puller x1

- Mac Supplementary Keycaps x4
- USB Cable x1
- EZCarry Keyboard Case x1



Image: All components included in the IQUNIX EZ63 package, neatly arranged. This includes the keyboard, coiled USB cable, keycap puller, extra keycaps, and a carrying case.

3. SETUP GUIDE

Follow these steps to set up your IQUNIX EZ63 Gaming Keyboard:

1. **Unpack the Keyboard:** Carefully remove the keyboard and all accessories from the packaging.
2. **Connect the USB Cable:** Insert the USB-C end of the provided cable into the port on the back of the EZ63 keyboard.
3. **Connect to Computer:** Plug the USB-A end of the cable into an available USB port on your computer (PC or Mac).
4. **Driver Installation:** The keyboard is plug-and-play and typically does not require additional drivers. Your

operating system should automatically recognize the device.

5. **Initial Test:** Open a text editor or browser and test typing to ensure all keys are functioning correctly.



Image: The IQUNIX EZ63 keyboard positioned on a desk, ready for use, demonstrating its compact size in a typical setup.

4. OPERATING INSTRUCTIONS AND KEY FEATURES

4.1. Ultra-Fast 8000Hz Polling Rate

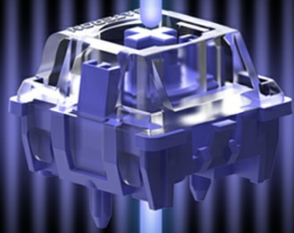
The EZ63 features an 8000Hz polling rate, which means the keyboard reports inputs to your computer 8000 times per second. This results in ultra-low latency as low as 0.125ms, providing instant response and input precision crucial for competitive gaming.



Image: Graphic highlighting the 8000Hz polling rate and 0.05mm rapid trigger sensitivity of the IQUNIX EZ63 keyboard.

4.2. Hall Effect Precision with Rapid Trigger & Adjustable Actuation

Equipped with magnetic switches, the EZ63 allows for precise control over each key's actuation. You can fine-tune the actuation range from 0.05mm to 4.0mm with 0.05mm accuracy. The Rapid Trigger feature enables keys to reset the moment pressure is released, allowing for ultra-smooth repeated inputs, ideal for fast-paced games.



Adjustable Actuation 0.05mm Accuracy

EZ60/EZ63 puts you in full control—adjust each key's actuation from 0.05 to 4.0mm with 0.05mm precision. Fine-tune trigger force and activation points for faster response, consistent performance, and the ultimate competitive edge.

Image: Diagram illustrating the adjustable actuation feature of the magnetic switches, showing the precision of 0.05mm.

EZ60/63

0.10mm Active

0.01mm

4mm

Regular

0.10mm Active

0.01mm

4mm

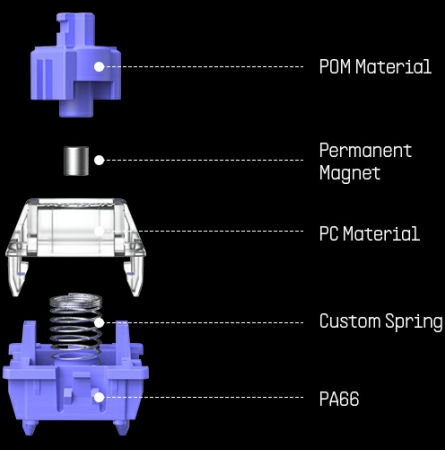
Rapid Trigger 0.01mm Sensitivity

With Rapid Trigger, effortlessly repeat key presses mid-motion without hitting a fixed reset or actuation point while Rapid Stop Mode enables 0.05mm sensitivity allowing almost instant response times and eliminating delay, ideal for precise movements in FPS games.

Image: Comparison graphic showing the difference between Rapid Trigger and regular key actuation, highlighting the instant reset of Rapid Trigger.

4.3. Magnetic Switch Options

The EZ63 is available with Star Trail Magnetic Switches, co-developed with Gateron. These switches offer a firmer 40gf actuation force and full 4.0mm travel, providing a snappy and controlled feel. For users preferring a lighter touch, Magnetic Jade switches (available on other EZ series models) offer a 30gf actuation and shorter 3.5mm travel.



POM Material

Permanent Magnet

PC Material

Custom Spring

PA66

Star Trail Magnetic Switch

IQUNIX x Gateron bring you the StarTrail Magnetic Switch—harnessing magnetic coupling and the Hall Effect for ultra-fast, ultra-precise key response. The dual-rail design ensures smooth, stable keystrokes for total control and accuracy, whether you're gaming or creating

Start Force: 40±10gf	End Force: 60gf±10	Feeling: Linear	Bottom Magnetic Flux: 700±80Gs
Clicks Lifespan: 150,000,000	Actuation Range: 0.05 - 4.0 mm	Pre-Lubed: Yes	Initial Magnetic Flux: 75±15Gs

Image: Exploded view of a Star Trail Magnetic Switch, detailing its internal components like the POM material, permanent magnet, PC material, and custom spring, along with key specifications.

4.4. Premium Build Quality

The EZ63 features a premium CNC aluminum chassis, providing superior strength and precision. Its gasket-mounted structure, combined with double-shot PBT keycaps and multi-layer Poron foam, delivers a softer, more stable typing experience with lasting bounce and reduced noise.

Gasket-mounted Mechanical Keyboard

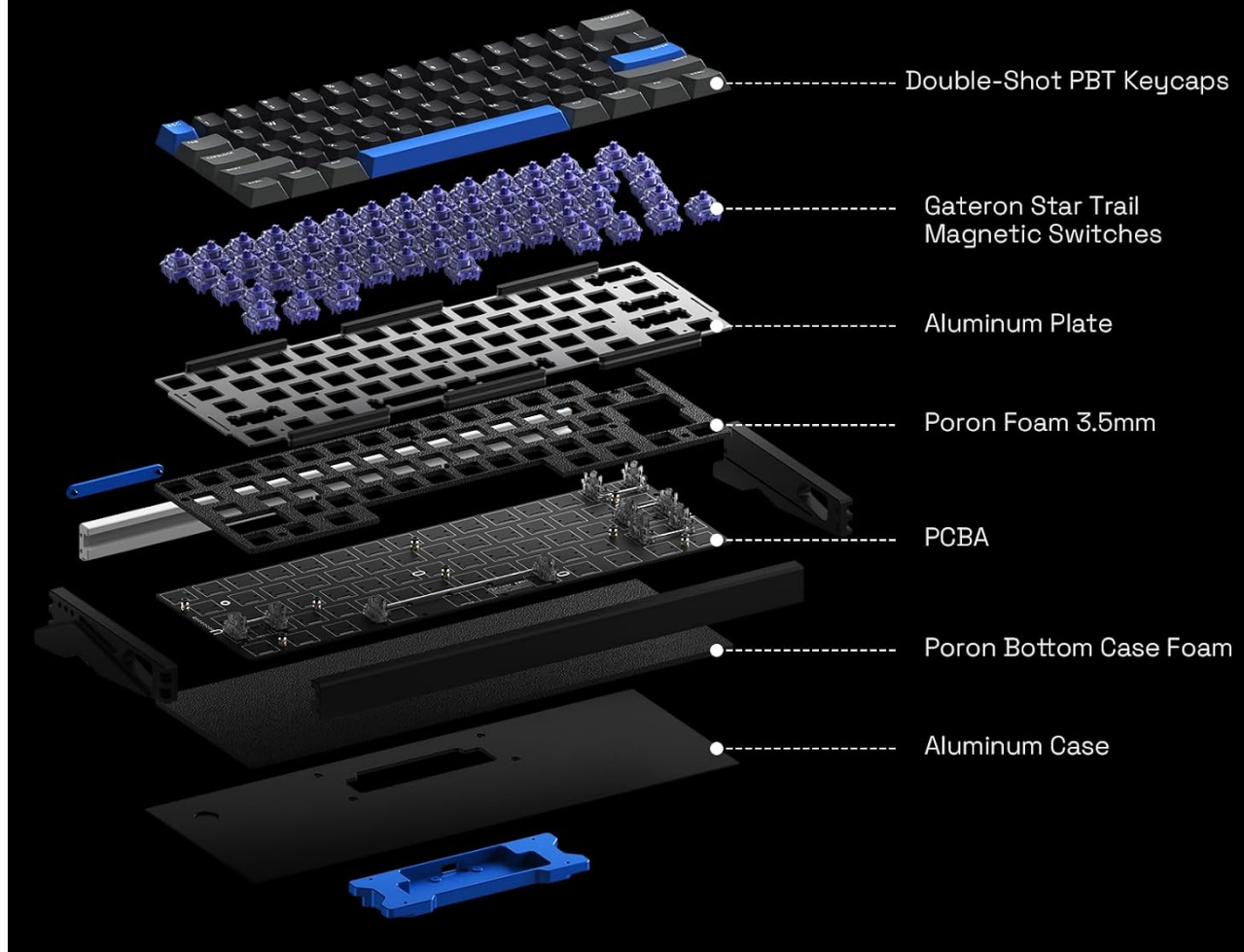


Image: Exploded diagram of the EZ63 keyboard, showing layers including double-shot PBT keycaps, Gateron Star Trail Magnetic Switches, aluminum plate, Poron foam, PCBA, Poron bottom case foam, and aluminum case.

PREMIUM CNC ALUMINUM BUILD



Image: Close-up side view of the IQUNIX EZ63 keyboard, emphasizing its premium CNC aluminum construction and sleek design.



Image: Cross-section diagram illustrating the gasket-mounted structure, showing how the silicone gasket isolates vibrations for a softer typing experience.



Image: Close-up view of double-shot PBT keycaps, highlighting their durable construction and legends that will not fade.

4.5. Customization

The IQUNIX EZ63 supports extensive customization of lighting and keymaps through IQUNIX's intuitive web-based configurator. This allows users to personalize their keyboard settings without the need for software downloads.

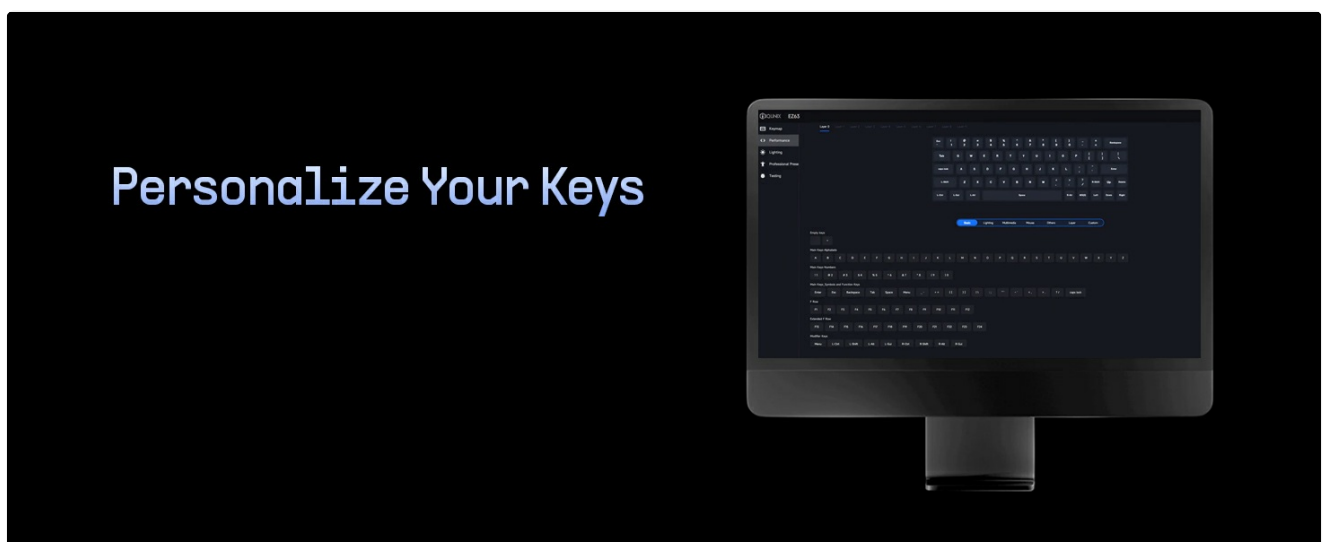


Image: Screenshot of the IQUNIX web-based configurator interface on a monitor, showing options for personalizing key functions

5. MAINTENANCE

To ensure the longevity and optimal performance of your IQUNIX EZ63 keyboard, follow these maintenance guidelines:

- **Regular Cleaning:** Use a soft brush or compressed air to remove dust and debris from between the keycaps. For surface cleaning, wipe with a slightly damp, lint-free cloth. Avoid excessive moisture.
- **Keycap Removal:** If necessary, use the provided keycap puller to carefully remove keycaps for deeper cleaning. Pull straight up to avoid damaging the switch stems.
- **Switch Care:** The magnetic switches are designed for durability. Avoid applying excessive force or prying them. If a switch needs replacement, use the provided switch puller.
- **Cable Management:** Ensure the USB cable is not kinked or strained, which can lead to damage over time.
- **Storage:** When not in use, store the keyboard in a clean, dry environment, ideally in the provided EZCarry keyboard case to protect it from dust and impacts.

6. TROUBLESHOOTING

If you encounter issues with your IQUNIX EZ63 keyboard, refer to the following common solutions:

- **Keyboard Not Responding:**
 - Ensure the USB cable is securely connected to both the keyboard and the computer.
 - Try connecting the keyboard to a different USB port on your computer.
 - Test the keyboard on another computer to determine if the issue is with the keyboard or the original computer's setup.
- **Keys Not Registering or Double-Typing:**
 - Check for any debris under the keycap that might be obstructing the switch.
 - Adjust the actuation point settings via the web-based configurator. An actuation point that is too low might cause unintended inputs.
 - If the issue persists for a specific key, the switch may need to be replaced.
- **RGB Lighting Issues:**
 - Ensure the keyboard is receiving sufficient power from the USB port.
 - Use the web-based configurator to check and adjust lighting settings.
 - Perform a factory reset if customization settings are causing issues (refer to the online manual for specific reset procedures).
- **Software/Customization Problems:**
 - Ensure your web browser is up-to-date when using the online configurator.
 - Clear your browser's cache and cookies if experiencing loading issues with the configurator.
 - For persistent software issues, contact IQUNIX customer support.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	EZ63
Dimensions	12.08 x 4.9 x 1.67 inches
Item Weight	4.4 pounds
Connectivity Technology	USB-C
Number of Keys	64
Switch Type	Star Trail Magnetic Switches (Hall Effect)
Actuation Range	0.05 - 4.0 mm (0.05 mm accuracy)
Polling Rate	8000Hz
Keycap Material	Double-Shot PBT
Backlighting	RGB
Compatible Devices	Gaming Console, Laptop, PC, Smartphone, Tablet
Special Features	Backlit, Customizable Display Keys, Ergonomic, Hot-Swappable, Magnetic Switch

8. WARRANTY AND SUPPORT

IQUNIX products are designed for quality and durability. For information regarding product warranty, technical support, or service inquiries, please visit the official IQUNIX website or contact their customer support directly. Keep your purchase receipt for warranty claims.

IQUNIX Official Store: [Visit IQUNIX Store on Amazon](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question