

What is an RGB LED keyboard? Differences with other keyboards

Nowadays, RGB LED keyboards are very commonly used, so what is an RGB LED keyboard and what's the difference? Let's find out.

Nowadays, not only gamers but also users of technology products are no longer strangers to RGB LED keyboards. So what is an RGB LED keyboard? What makes this keyboard different from other regular keyboards? Let's find out now in TipsMake's article below.

What is an RGB LED keyboard?

RGB LED keyboard is a type of keyboard that integrates LED lights using colors in the RGB range with up to 16 million colors. Unlike conventional LED keyboards that only display one color mode, RGB LED keyboards allow users to arbitrarily change the display color through the included software.

This keyboard also allows users to link LED lighting effects to function keys when playing games. This causes the keyboard color to change continuously with each keystroke, providing both an interesting gaming experience and a decorative accessory for the player's gaming corner.

Picture 1 of What is an RGB LED keyboard? Differences with other keyboards

The difference between RGB LED keyboard and other keyboards

Currently, the demand for using RGB LED keyboards is increasing. Not only limited to gamers, but regular users now also enjoy using this keyboard for the following reasons:

1. **Works well in low light environments:** In low light environments or even at night, the RGB LED keyboard can help users accurately determine the location of the keyboards. Because each key has a separate small LED light. This is also something that a regular keyboard cannot do.
2. **Safety warning:** RGB LED system warns users when the system is heating up beyond specified levels or the wireless connection is poor. The RGB LED only works when the connection is successful, so it is extremely necessary to be notified to recheck the connection every time there is a problem.
3. **Brings a great experience:** When users perform attacks in the game, it will bring beautiful light effects because of the light synchronization feature with keystrokes. At the same time, each time you press a key, there will be an LED light effect to help create a more vivid and realistic feeling than regular keyboards.
4. **Flexible colors:** Users can freely adjust the colors for important function keys, or commonly used keys for each game. You can use the included software to customize the color of each key as you want, creating a unique look for your keyboard.

Things to note when choosing to buy an RGB LED keyboard

Just like other electronic devices, RGB LED keyboards, depending on the brand and quality, will have prices ranging from high to low. However, depending on economic conditions and usage needs, users can choose a suitable product for themselves.

On the other hand, when buying an RGB LED keyboard, checking the RGB effect function is extremely necessary because the display color experience depends on this function. RGB effects are built into the keyboard and can be customized by the user through the included software. When buying, try using it to see if the RGB function works well to ensure you get the best experience, avoiding multiple returns.

Finally, users should pay attention to check whether all LED colors displayed on the keyboard are sufficient and the same as provided by the manufacturer. If everything meets the description, please choose to buy.

4 criteria for choosing the best RGB LED keyboard

In fact, when you want to buy a good RGB LED keyboard, you need to rely on many criteria and depending on the needs of the buyer. However, basically, users need to carefully check and select the following 4 criteria.

1. Size

Currently, RGB LED keyboards have many diverse designs with many different sizes (layouts), such as Fullsize, Tenkeyless, etc. Depending on the purpose of use, you will choose the keyboard size for fit. Specifically:

1. For gamers, a fullsize keyboard (about 104 keys) is the best choice. The reason is because a full-size keyboard will help users control the character more easily as well as operate comfortably during gaming.
2. For office workers or students, you can choose a Tenkeyless or minisize keyboard for convenience in carrying and using anytime, anywhere. If you want a comfortable typing experience, you can still choose full-size models.

2. Switch

Switch is the part located under each key in the form of a switch. Currently, there are many types of switches on the market and each has its own pressing force and sound. Among them, Switch Blue is the switch line that brings the clearest clicky sound, so it is often used quite a lot not only in gaming but also by users who love the feeling of typing. However, if users want quietness while still ensuring accuracy when used, Red Switch, Black Switch or Silent Switch are the optimal choice. Because these switches have a much lighter pressing force.

3. Keycap (Key)

When choosing a keycap, the most important thing is to choose a good material. Specifically, ABS and PBT plastic materials will provide durability and a better experience. Besides, you should also choose OEM keycap profile if you don't know how to choose. This is the most common type and is used by many big brands, such as: Razer, Corsair, Logitech.

Picture 5 of What is an RGB LED keyboard? Differences with other keyboards

4. Connect

Currently there are two types of keyboard connections: wired and wireless. Basically, wired keyboards have low latency and smoother gaming than wireless ones. Therefore, most gamers today use wired keyboards. However, for those who love neatness and more flexibility, a wireless mechanical keyboard is a good choice.

Picture 6 of What is an RGB LED keyboard? Differences with other keyboards

The best RGB LED keyboards to buy

Which RGB LED keyboard should I buy? Surely this is the question of many people when starting to get acquainted with RGB LED keyboards and don't know which product to choose. Below are famous brands that many users trust and choose:

E-Dra RGB LED keyboard

If you want to buy an RGB LED keyboard for less than 1 million VND, E-Dra products such as E-Dra EK3104 or E-Dra EK387 deserve to be the top choices. As a Vietnamese brand with outstanding quality compared to the price, E-Dra has become very famous in the gaming world in the past few years.

Besides the reasonable price and superior product quality, the company's warranty, service quality and consultants are all highly appreciated by many users. Currently, the number of E-Dra products is also increasingly diverse, meeting many different needs and customer segments.

Picture 7 of What is an RGB LED keyboard? Differences with other keyboards

RGB LED keyboards from Fuhlen, DareU and SteelSeries

With the slightly more high-end segment, we cannot help but mention the brands: Fuhlen with Fuhlen G900s, SteelSeries with SteelSeries Apex 3 and DareU with DareU EK810. These brands have been reputable for a long time, and are chosen by many gamers, with the common point being good quality, without any major disadvantages. All products have standard size, beautiful design, 100% standard RGB LED system with 16 million colors as what the manufacturer provides.

Picture 8 of What is an RGB LED keyboard? Differences with other keyboards

Epilogue

Hopefully with the above article, you know what an RGB LED keyboard is as well as the difference from other regular keyboards. This is the type of keyboard that should not be missed if you want to decorate your study, work, or gaming corner to be more unique and personal. Hopefully you have chosen the right product based on the information from the article. If you have any questions, you can contact TipsMake for advice on choosing the fastest keyboard.

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