

How is a Mechanical Keyboard Different from a Normal Keyboard?

How is a mechanical keyboard different from a regular keyboard? Let's find out the difference between these two types of keyboards in the article below by Hoang Ha PC!

What is a mechanical keyboard? What is a regular keyboard?

To know how **mechanical keyboards** differ from regular keyboards, we need to know what these two types of keyboards are.

First of all, a mechanical keyboard is a keyboard that uses mechanical components - switches under each key. Instead of using rubber as usual, these switches use springs. That helps the mechanical keyboard have good bounce, durability and gives you a smooth feeling and efficiency when using the computer.

Meanwhile, the keyboard usually has a rubber pad placed on each key. When you press any key, the rubber pad touches the circuit below. The elastic rubber pad will help the key return to its original position.



How is a mechanical keyboard different from a regular keyboard?

The difference between mechanical keyboards and keyboards is usually expressed through the advantages and disadvantages of each type of keyboard.

Advantages of each type

Fast typing speed: Mechanical keyboards have a significantly faster typing speed, and can type multiple keys at the same time instead of the maximum 10 keys like a normal keyboard. The speed of a mechanical keyboard is 2-3 times higher than a normal keyboard. You can easily recognize this when using it.

High bounce: Because it is equipped with a vertical spring under each key, the mechanical keyboard has a very high bounce, is sensitive and returns the keys quickly.

Feels smoother when typing: the keyboard feels smoother with a light, moderate pressure when used instead of having to press hard enough for the rubber pad to contact the electronic circuit board like a regular keyboard. That helps you save time, effort and reduces the possibility of finger joint diseases when using the computer regularly for a long time.

Longer lifespan: The lifespan of the keyboard is about 30-50 million keystrokes compared to 1-5 million times of normal keyboards. You can also easily disassemble and clean it, so you can preserve the keyboard longer.

Customization: There are many models for mechanical keyboards today, with flexible sizes and designs, whether it's a cute, classic, simple style, etc. You can also buy separate keycaps to replace each key and arrange them to your liking.

LED lights: Usually, mechanical keyboards will be equipped with additional LED lights under the entire keyboard or each key, making the keyboard more brilliant, eye-catching and unique, providing good effects and supporting users to use at night.

Meanwhile, the regular keyboard has the advantage of being popular and cheap. With just a word, you can own a regular keyboard. You can easily choose the model and size you want. Regular keyboards are therefore commonly used in many places, for many purposes.



Disadvantages of each type

However, both types of keyboards have limitations that you should be aware of before choosing to use. Features of mechanical keyboards that may make you dissatisfied are:

Heavy weight: The weight of a mechanical keyboard will be quite heavy. It will take up the weight of your backpack or bag when moving. This will probably make many of you who have requirements for keyboard weight unsatisfied.

Expensive: The price of a mechanical keyboard will also be much more expensive than a regular keyboard. A mechanical keyboard, depending on the brand and version, the type of switch will have different prices, ranging from the cheapest type of about 600,000 VND to several million.

May cause typing noise: When using your computer you will hear different sounds and experiences depending on the color.

On the contrary, regular keyboards have limitations in typing speed and do not provide a smooth typing feeling like when using a mechanical keyboard. The lifespan of regular keyboards is also only average.

Should I use a mechanical keyboard or a regular keyboard?

After learning how mechanical keyboards differ from regular keyboards, you will surely wonder whether you should use a mechanical keyboard or a regular keyboard. The answer depends on your circumstances and purpose of use.

Mechanical keyboards are expensive, so if you are a student or have a low income, you should consider carefully before buying. Mechanical keyboards are suitable for gamers who need to operate quickly or office workers who need to type a lot with high typing speed. Therefore, if you only work with normal tasks and do not need to use the keyboard often, a normal keyboard is enough.

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