**Types of computer keyboard**

**Ergonomic keyboard**

An ergonomic keyboard is a computer keyboard specially designed to minimize the side effects of using computers continually.

The keys are placed in V shape, to minimize muscle strain.

It is also helpful to type fast. Ergonomic keyboards are very good for those who have any muscle related issues.

The one and the only problem with this type of keyboard are, it is not cheap.

**Mechanical keyboard**

A mechanical keyboard is a keyboard where the keys have a spring and connectors under every keys. If you compare it with a membrane keyboard, a mechanical keyboard is defiantly fast to type and cheap in price.

**Membrane keyboard**

A membrane keyboard is a computer keyboard that made with a single flexible pad printed with letters and symbols. Like a mechanical keyboard, it doesn't have separate components to connect with the circuit board. It is lightweight and thinner than a mechanical keyboard. But I feel it's not good to use continuously. You can't type very fast using this type of keyboard.

**Gaming keyboard**

A gaming keyboard is basically a mechanical keyboard with some special keys and features. Generally, the keys of a gaming keyboard are made with durable material. Some gaming keyboards have a beautiful backlight to use even in the dark.

The only problem with a gaming keyboard is, it is much more expensive than a normal mechanical keyboard.

**Laser keyboard**

A laser projection keyboard uses a virtual layout to project a keyboard on any surface. This keyboard was invented in the year 1992 by a group of IBM technicians and engineers.

Although it is an innovative technology, I think it's not good for any professional. Sometimes it takes a long response time.

**Major Differences between them**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ergonomic | Membrane | Laser | Gaming | Mechanical | |
| Ergonomic keyboards aren’t really a type of computer keyboards on their own, but rather refers to any keyboard that is designed to minimize strain on your body. Keyboards that are poorly designed not only slow your typing, but can lead to RSI (repetitive strain injuries) overtime, such as carpal tunnel syndrome. | A membrane keyboard is one whereby the keys are cushioned with rubber or silicone shell. These keys are very sensitive to the pressure applied to them. | A laser projection keyboard uses a virtual layout to project a keyboard on any surface | If you like playing games on your PC, you could invest in an ordinary office keyboard and call it a day. But if you really want to take your gaming to the next level, a gaming keyboard can be highly condusive. These keyboards are specifically engineered to improve your gaming experience and victories | mechanical keyboards are the holy grail of computer input devices. They are expensive and require a bit of explanation to understand how they work. |  |

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