

What is Bluetooth 5.0? What benefits does it have for our lives?

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Following the Galaxy S8 and S8 + duo, the next iPhone series and the Galaxy Note 8 are also expected to have the latest Bluetooth 5.0 integration, opening up this wave of wireless connectivity devices that are more popular next year.

According to Theverge, Bluetooth 4.0 - 4.2 market will exist for at least a few years. If you buy a new smartphone at the present time, you will be stuck with slower peripherals, which cannot take advantage of the Bluetooth generation 5.

1. So what is Bluetooth 5.0 technology?



Bluetooth 5 is the 5th generation version of Bluetooth technology first revealed in June 2016 by Bluetooth SIG, one of the companies that develops Bluetooth standards today. But that was only the moment when the basic information of Bluetooth 5 appeared when it was more than 6 months later, this technology was officially launched. Compared to its predecessors, Bluetooth 5 promises a better data-communication speed, with a wide range of connections, as well as compatibility and integration with many other wireless connectivity technologies. Integrated on the same device.

2. Benefits from Bluetooth 5 technology?



After versions ranging from 1.x to 4.x (available in recent production of 4.2), last week, SIG announced the latest version 5 after a long "pregnancy"!

However, the introduction of Bluetooth 5 has been neglected by many people because this Bluetooth technology seems outdated, there are very few users, because if you need to transfer the file, you can Use applications with WIFI Hotspot protocol like Lenovo SHAREit to transfer quickly!

However, if you learn about this type of Bluetooth 5 new version, you will definitely have a different direction.



1. Bluetooth 5 can shoot fast - wide transmission

The latest version of Bluetooth currently in use is Bluetooth 4.2 that could theoretically allow devices to communicate data on each other at 1Mbps speed with ideal test conditions (approx. 125KB / s). Meanwhile, Bluetooth 5 promises a significant improvement when the number of transmission speeds is doubled (ie 2 Mbps ~ 0.25 MB / s), the coverage range quadruples (to 40 m) and productivity increased by 800% compared to the existing 4.2 standard.



With such a long range, you can give Bluetooth 5 a chance to show off your features. In theory, the Galaxy S8 combined with Bluetooth 5 speakers can operate as far as . 80 meters away, so you can comfortably listen to music from the Galaxy S8 via Bluetooth 5 speakers / headsets everywhere , from the kitchen to the bedroom.

1. Ready with IoT

Not only that, improvements in Bluetooth 5 also extend to devices in the era of universal connectivity, or simply the Internet of Things (IoT), where Bluetooth 5 is a basic alternative to connectivity. Wi-Fi in smart home appliances.



The exchange of data packets can be expanded more but still ensure the same time, or shorten the waiting time between sending and receiving different data between two or more terminals. end together.

1. Promote location identification

Besides faster and farther automatic transmission, Bluetooth 5 can also facilitate location-based information services. It's like a miniature GPS system in your home, it can accurately remember the real-time locations of each paired component to deliver to another device when someone needs to consult.



These are benefits for customers, but for businesses, thanks to beacons, new connections can send ads directly to potential customers when they're nearby.

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