

What is WiFi 6E? How is WiFi 6E different from WiFi 6?

Technology is always developing very quickly, when WiFi 6 was just popular, the new standard WiFi 6E was officially launched. So what is WiFi 6E? WiFi 6E is nothing different than WiFi 6, invite you to find out.

What is WiFi 6E?

In this article, TipsMake will focus on explaining what WiFi 6E is. First, you need to understand that WiFi 6E will exist in parallel, not a replacement for WiFi 6. Devices that support WiFi 6E will be a bit more expensive than devices that only support WiFi 6. However, this is not It should be a big deal because not everyone needs what WiFi 6E has to offer.

As you know, **WiFi 6** uses radio waves of 2.4GHz and 5GHz. Meanwhile, WiFi 6E is a little bit different. In addition to the same two frequencies as WiFi 6, **WiFi 6E** also supports 6GHz radio waves.

You can understand that the 6GHz spectrum works similarly to WiFi 6 on the 5GHz frequency but with the addition of non-overlapping channels.



According to WiFi Alliance, WiFi 6E standard allows 14 additional 80MHz channels and 7 additional 160MHz channels. These channels will never overlap with each other.

When these additional channels are activated the internet connection will not be congested even in areas with multiple networks operating.

In short, WiFi 6E is identical to WiFi 6 but has the ability to use the 6GHz radio spectrum.

When will WiFi 6E technology be available?

Currently, WiFi 6E has been rolled out to regular consumers in the US. However, in other countries around the world this technology is still being used only in non-consumer-related sectors. This could be changed in the future.

As countries around the world simultaneously approve WiFi 6E for consumers, devices supporting this technology will also appear on the market. Until then we will continue to use WiFi 6 and WiFi 5 or lower.

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