

These are the certified Wi-Fi 7 devices you can buy now

Wi-Fi 7 is the next version of Wi-Fi to follow Wi-Fi 6E. Like Wi-Fi 6E, the protocol works on the 2.4GHz, 5GHz, and 6GHz bands, and it's backward-compatible with devices that precede it. Wi-Fi 7 promises faster throughput through features like 320MHz channel bandwidth, which is twice what's offered on Wi-Fi 6E; Multi-Link Operation, which combines bands into a single, faster, and more stable connection; and improved interference handling.

The standard hasn't yet been finalized, however, and there are no client devices – phones, laptops, and so forth – that support it, putting current Wi-Fi 7 routers very firmly in the early adopter market. Still, there may be some benefits from using Wi-Fi 7 mesh systems, which will be able to take advantage of the features listed above for faster, more stable wireless backhaul connections between nodes.

<https://www.theverge.com/2024/1/14/24038284/wi-fi-certified-7-products-list-wi-fi-alliance>