

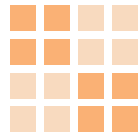
# WiFi 7 Technologies

With its revolutionary technology breakthroughs, WiFi 7 will be the fastest WiFi ever, unleashing unprecedented speeds to provide more enjoyable online experiences in the digital world.

WiFi 7 includes the following important technologies:



**320  
MHz**



**4096  
QAM**



**Multi-link  
Operation (MLO)**



**Multi-RU  
Puncturing**



The new, extra-wide 320MHz channels in the 6GHz band doubles the bandwidth capacity to accommodate more clients simultaneously.

4K QAM modulation packs in more data from 10-bits to 12 bits per symbol to give an extra boost in higher peak data rates.

MLO allows devices to send and receive data across different bands and channels simultaneously for increased throughput, lower latency, and higher reliability.

Multi-RU Puncturing enables the use of multiple RUs along with preamble puncturing to make the full use of every resource as well as available channels.