

Top 6 reasons to upgrade to Wi-Fi 6 with Cisco

Prepare to meet changing network demands with Wi-Fi 6, also known as 802.11ax. With it, you'll get faster wireless speeds, increased capacity, and improved reliability to power entirely new mobile experiences.



Cisco Wi-Fi 6 solutions go above and beyond industry standards and other vendors' solutions with both hardware and software innovations that meet your needs today and tomorrow.

1 A new standard

Just by upgrading to Wi-Fi 6, you automatically gain several advantages from previous Wi-Fi standards, including:

Network capacity: Attach up to 4x more devices than under previous standards, with more data to more clients.

Bandwidth: Increased speed by 4x average throughput in congested environments as those devices come online.

Reduced data latency: Optimized packet scheduling, which is ideal for voice, video, and gaming.

Enhanced features: Improved battery efficiency in connected devices. Better Wi-Fi coverage and support for 2.4 GHz make Wi-Fi 6 ideal for Internet of Things (IoT) devices.



2 The Cisco custom application-specific integrated circuit (ASIC) uniquely provides:



Cisco CleanAir technology

Mitigate the impact of wireless interference to protect both speed and performance.



Cisco Wireless Intrusion Prevention System (wIPS)

Detect, locate, mitigate, and contain wired and wireless rogues and threats at Layers 1 through 3.



Dual-filter dynamic frequency selection (DFS) detection

Avoid interference for optimal performance.



With the Cisco ASIC combined with **Cisco DNA Assurance**, you get the visibility and intelligence needed to run your networks better.

3 Security for the next generation of devices



Cisco Application Visibility and Control (AVC), along with NetFlow exporting, is built into our wired and wireless infrastructure to detect threats faster. [Learn more about this Cisco innovation.](#)

4 Exclusive Cisco partnerships



To ensure more enjoyable user experiences, Cisco has partnered with **Apple** and **Samsung** to capture thorough analytics on their devices. Apple devices also receive higher-priority connections.

5 Maximum flexibility

Cisco Flexible Radio Assignment, a unique offering pioneered by Cisco, automatically identifies and converts the redundant 2.4-GHz radio into a 5-GHz radio to provide a better mobile user experience for high-density networks.



6 Seamless connectivity

Take work from the coffee shop, to an errand run, to a night out, and never miss a thing with **OpenRoaming**. Users can seamlessly and securely bridge devices and automatically connect from Wi-Fi networks to cellular.

So whether you're jumping from Wi-Fi 6 to 5G or the other way around, the connection will be perfectly seamless.



The secret to success for your organization is being better—faster. Do both with Cisco Wi-Fi 6.

[See Cisco's Wi-Fi 6 solutions](#)