

# The Development of Wi-Fi 6 and its Benefits for Users

Feature	Development	Benefits for Users	Tips
<b>Standard</b>	Introduced in 2019 as 802.11ax	Latest iteration of Wi-Fi, designed for efficiency and capacity in crowded environments	
<b>Speed</b>	Up to 3x faster than Wi-Fi 5 (802.11ac)	Smoother streaming, faster downloads, improved responsiveness	Upgrade to devices and routers that support Wi-Fi 6
<b>Capacity</b>	Supports more connected devices efficiently	No more lag or buffering when multiple devices are online	Consider the number of devices in your network and future needs
<b>Performance in Congested Areas</b>	Improved with MU-MIMO and OFDMA technologies	Reliable connection even in apartment buildings or busy cafes	Look for routers with dedicated channels for high-traffic periods
<b>Power Efficiency</b>	Target Wake Time reduces battery drain on devices	Longer battery life for smartphones, smartwatches, and IoT devices	Enable Target Wake Time on both device and router
<b>Security</b>	WPA3 encryption ensures higher security standards	Protects your network from unauthorized access	Update your router's firmware regularly and choose strong passwords

**Future-  
Proofing**

Supports  
emerging  
technologies  
like AR/VR and  
IoT

Prepared for the  
growing demands of  
connected devices

Plan for your  
future needs  
and invest in  
equipment  
with longevity