

Device speed expectancy

The speed you get on devices connected to your home Wi-Fi can vary. The number of devices you connect to Wi-Fi, how you use them, their age and type, and Wi-Fi signal strength all can affect speed.

Device	Expected Wi-Fi speeds	
	Minimum speed	Maximum speed
Apple		
iPhone 11	288	480
iPhone 6s - X	260	347
iPhone 6	130	173
iPhone 5S	45	75
iPhone 4	20	26
iPad+ Air 2	260	347
Macbook Pro	390	520
Macbook Pro (pre-2013)	135	180
iPad Air	90	120
Samsung		
Galaxy S10	288	480
Galaxy S5 - S9	260	347
Galaxy S4	130	173
Pixel 1- 4	260	347
Amazon		
Amazon FireTV (Gen 2 & later)	260	347



Speeds may vary by hardware and software capabilities.

- Newer devices will have faster speeds over Wi-Fi.
- Older devices will have slower speeds.
- Wired connections are always faster than Wi-Fi connections.
- Laptops will generally be faster than phones.



PHONES & TABLETS Radios: 1 - 2 usually	Year released	Wireless standard	Expected Wi-Fi speeds (Mbps)
		2020	Wi-Fi 6 (802.11ax)
	2014 - 2019	Wi-Fi 5 (802.11ac)	100 - 300
	2010 - 2013	Wi-Fi 4 (802.11n)	20 - 100

LAPTOPS & PCs Radios: 2 - 4 usually	Year released	Wireless standard	Expected Wi-Fi speeds (Mbps)
		2020	Wi-Fi 6 (802.11ax)
	2014 - 2019	Wi-Fi 5 (802.11ac)	100 - 660
	2010 - 2013	Wi-Fi 4 (802.11n)	80 - 190

Calculated Expected Wi-Fi Speeds by taking % of device PHY rate and applying a 30% -50% throughput Modifier.