HelloTech

What is a Good WiFi Speed?

No one wants a slow internet connection, but faster speeds can quickly get really expensive. You'll want to find a sweet spot between speed and cost and this guide will help you determine what internet speed is best for you!

Take the speed test

What is Download Speed?

Download speed refers to how fast you can receive data from the internet to your device. The faster your download speed is, the quicker your webpages will load and the less buffering you will experience when streaming movies.

Download speed of: 5-4 Mbps

Slow WiFi speed. Ideal for people who work out the internet much and don't have many devices.

Browse the Web on **1 Device**
(Check email, use social media)

Video Chat in **Standard Definition (SD)**

Stream Video in **(SD)**

Download speed of: 5-10 Mbps

Mediocre WiFi speed. 1-3 people can be online at the same time doing common activities.

Stream Video in **(HD)**

Video Chat in **High Definition (HD)**

Stream Music in **High Definition (HD)**

Group Video Chats **(7+ people)**

Install **10** Smart Home Devices

Play Online Games

Download speed of: 25-50 Mbps

Good WiFi speed. Enough for 1 person to do intensive activities on 1 device or a few people to do common activities on a few devices.

Stream Video in **4K** on **1 Devices**

Internet speed of: 50-100 Mbps

Fast WiFi speed. For people who stream multiple HD videos at the same time and have multiple smart home devices

Stream Video in **4K**, Play Online Games, and Video Chat on **3-5 Devices Simultaneously**

Internet speed of: 100+ Mbps

Lightning-fast WiFi speed. More than enough for several people to do multiple intensive activities without interruptions.

Stream 4K Movies on **5 or More Devices**

Download **100MB** Files in **Seconds.**

Remember

The more devices you have, the higher your download speed needs to be.

If you're streaming a 4K movie while browsing the web on your phone, you will need a download speed **greater than 25 Mbps.**

Average download speed in the US: 96 Mbps

What is Upload Speed?

Upload speed refers to how fast you can transmit data from your device to the internet. The faster your upload speed is, the quicker you will be able to send large email attachments and the less choppy-ness you will experience when video chatting.

Upload speed of: 1-3 Mbps

Slow upload speed. Only enough to do very basic activities.

Play Online Games

Group Video Chats **(7+ people)**

Upload speed of: 3-6 Mbps

Mediocre upload speed. Enough to do common activities.

Livestream video in **HD**

Upload speed of: 6-20 Mbps

Good upload speed. Enough to do certain intensive activities.

Upload **100MB** file in under **2 minutes**
(Upload photos and videos to social media or send email containing large attachments)

Upload speed of: 20-50 Mbps

Fast upload speed. Enough to do multiple intensive activities at the same time.

Livestream video in **4K** at **60 fps**

Upload speed of: 50+ Mbps

Lightning-fast upload speed. More than enough to do several intensive activities at the same time without interruptions.

Livestream video in **4K** to multiple sources at the **same time**

Upload **100MB** file in **seconds**

Remember

The slower your upload speed is, the longer it will take to upload files.

If you are live streaming 2 HD videos at the same time, you will need an upload speed **greater than 6 Mbps.**

Average upload speed in the US: 33 Mbps

What is Ping?

Ping refers to how long it takes for your device to get a "pong" response from a server after sending a request. Ideally, you want your ping rates (known as latency) to be less than 100ms (milliseconds). To avoid lag when gaming, you want your ping to be less than 30ms.

What is Jitter?

Jitter refers to the fluctuation of your latency (or ping) over time. A low jitter means you're getting a consistent response from a server. A high jitter can cause buffering issues when streaming, gaming online or video chatting. Ideally, you want your jitter to be less than 30ms (milliseconds).

To find out how fast your WiFi needs to be, use the list above to add the minimum speed you need for every device that you are using at the same time.

Check Your Internet Speed Now!