

How Much Speed Do You Need?



You're downstairs watching the big game (or the latest addition to your DVR collection), the kids are in their rooms gaming or the kids are in their rooms gaming or streaming, and your spouse is surfing, looking for the next epic family vacation destination. Then ... someone starts complaining about **buffering and slow connections**. If this has happens to you, you're not alone.

In today's connected world, it's important to make sure your internet connection is up to the challenge. Most people don't realize how many items they use every day that are connected to the internet, accessing their WiFi at the same time and slowing down the connection for everyone. Astrea wants you to make informed choices!

Use our handy calculator on page 2 of this sheet to determine the connection speed that's right for your household. It doesn't matter if you're a college student with roommates or a family of 4 fighting over bandwidth, **this guide will help you find what you need.**

Did You Know?

Mbps stands for megabits per second and measures data transfer speed. Megabytes per second (MBps) measures file size.

1 Gbps is the same as **1,000 Mbps**

U.S. Broadband households now have an average of **9 connected devices**.*

By 2021, the average number of networked devices per person will be 13!**

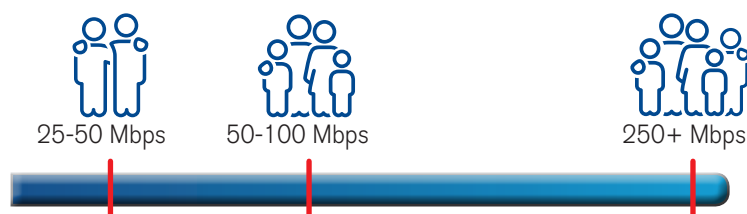
69% of US households subscribe to at least one **streaming service**.*

PLUS – Consumer **video-on-demand traffic** is expected to **double by 2021**.

3 Things Affecting Connection Speeds

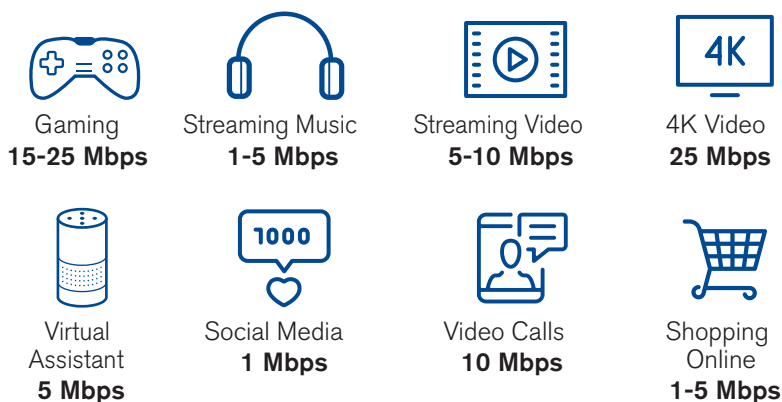
1 – Number of People in Your Household

Typically, more people in a household means more networked devices. And when more people are using the internet connection at the same time, that's when you start to see buffering and slowdowns. These are typical speed needs:



2 – Types of Activities Involving the Internet

How you use the internet also affects connections speeds. Different activities require different speeds. These are typical speed requirements for 1 person enjoying each activity listed.



3 – Number of Connected Devices

As mentioned above, the more devices that use a household's internet connection at the same time, the slower the connection becomes for everyone. Do some quick calculations now and find the speed that best fits your needs.



CONNECTION SPEED CALCULATOR

Number of Devices x Level of Use + Smart Speed = Connection Speed

1

How many of these devices are in your household?



Computer



Tablet



Phone



Smart TV



Gaming

TOTAL

_____ + _____ + _____ + _____ + _____ = _____

Enter number on top purple line and multiply by total devices.

2

What is your household's level of internet use?

5 = Low: 1-2 people at a time, browse, stream music, occasional video

10 = Moderate: 3-4 people, browse, stream music & video, gaming

15 = High: 5+ people, stream music & video, multiple gaming systems, large file downloads

x

=

3

One last step:

If you own any **4K streaming devices**, virtual assistants (i.e. Alexa or Google), or WiFi-connected appliances, **add 50 Mbps**. If you aren't sure, leave this line blank.

+

Your Recommended Connection Speed (Mbps)

=

Mbps

Our speed experts are available 24/7 to help calculate the speed you need.

RECOMMENDED INTERNET PLANS

Internet 50

- Fast & reliable for lower-usage households
- Unlimited users & unlimited data

Internet 100

- Faster speeds, great reliability
- Download up to 250 photos, 15 apps, or 1 SD movie in just 1 minute

Internet 500

- Stream videos without buffering
- Online gaming with no lag

Internet 1000

- Stream 4K video with no buffering or lag
- Never run out of bandwidth



Call today! **877.829.0675**