

# HELPFUL TIPS:

## What You Should Know About Gigabit Internet

Faster cable internet connections are now a must-have for many households, especially those with avid gamers, kids who have school projects, and remote workers. Homeowners aren't even limited to impressive speeds of 100 megabits per second (Mbps) anymore because gigabit internet plans are available. Here's what you need to know about this powerful connection and how it can benefit your family.

### What Is Gigabit Internet?

Gigabit internet is a cable internet connection with speeds that reach up to 1 gigabit per second (Gbps), which is 1,000 Mbps. This type of internet speed is only available when you have full fiber connections with your service provider, which means there's no copper in the cables, only fiber-optics.

Fiber-optic cables make such high speeds possible because the technology uses photons to transmit data. Photons are the fastest particles in the universe because they're massless. On the other hand, copper fiber cables use electrons, which are more massive than photons and thus move more slowly.

### How Can Gigabit Internet Benefit You?

A gigabit internet connection significantly reduces latency, which is the time it takes to transmit data online. This means web pages, images, and videos will load near-instantaneously. If you need to download or upload files, it'll only take a few seconds to do so.

Extremely low latency rates also mean you won't experience lagging when on video calls, playing games, or using any other type of online application. The bigger bandwidth will also let you stream videos and games at higher resolutions like 4K HD.

With gigabit cable internet, multiple devices can also connect to Wi-Fi while still enjoying elite high speeds. This will let you use the internet comfortably while still having plenty of bandwidth for other family members or friends to use it too.



*If you live in South Carolina or Georgia and need an ultra-fast cable internet connection at home, turn to TruVista. This company now offers up to a gigabit internet data plans, allowing you to enjoy superior streaming and downloading speeds. A local institution since 1897, they provide the area with outstanding TV and phone service as well as home security systems. Visit [TruVista.net](https://www.TruVista.net) to learn more.*