





# Getting up to Speed

## Why Fiber Internet vs 5G?

While 5G offers wireless Internet access, Fiber Internet generally delivers faster speeds, lower latency, and more reliable performance, especially for data-intensive activities.

	FIBER HOME INTERNET	5G WIRELESS HOME INTERNET
<b>Technology</b> 	Fiber Internet uses Fiber optic cables to transmit data as light signals, offering high bandwidth and low latency	5G is a wireless technology that uses radio waves to transmit data, offering high speeds and low latency, but it's still not as fast as Fiber
<b>Speed</b> 	Fiber can achieve extremely high speeds, <u>exceeding</u> 1 Gbps (1,000 Mbps) for both downloads and uploads, making it ideal for streaming, gaming, and large file transfers. <i>(Clearwave Fiber offers speeds up to 7 Gbps or 7,000 Mbps in select areas)</i>	5G can deliver download speeds of <u>up to 1 Gbps</u> , though actual speeds vary by provider and plan. Most wireless plans, including 5G, typically do not offer symmetrical upload and download speeds.
<b>Reliability</b> 	Fiber connections are generally more reliable and less prone to interference than wireless connections	5G can be affected by interference, signal strength, and the number of users in an area, potentially leading to slower speeds and interruptions
<b>Latency</b> 	Fiber has extremely low latency, measured in milliseconds, making it suitable for real-time applications like online gaming and video conferencing	5G has a lower latency than older wireless technologies like 4G, but it's still higher than Fiber

**In Summary:** Fiber Internet provides:

- Faster, more consistent speeds – with symmetrical uploads & downloads
- Higher reliability
- Ultra-low latency
- Supports more devices simultaneously
- No throttling or data caps
- Better for long-term use – more stable & secure
- Future-proof technology – infrastructure can support future speed upgrades