

# Potential speeds with Chariton Valley WiFi

The speeds provided below were based on speeds we tend to observe in real-world conditions. Additional factors that can affect speed include:

- The number of wireless devices connected to the network
- The quantity and quality of content being downloaded or uploaded
- The distance between the device and access point
- Device characteristics, such as the 802.11 version

## **Mobile devices (Wi-Fi)**

Release date	802.11 version	Maximum possible up to speed
2018-Present	802.11ax	400 Mbps– 600 Mbps
2013–2018	802.11ac	180 Mbps– 390 Mbps
2011–2012	802.11n	90 Mbps
2007–2010	802.11n	32 Mbps–90 Mbps
2006 or earlier	802.11a/b/g	32 Mbps

## **Computer (Wi-Fi)**

Release date	802.11 version	Maximum possible up to speed
2018-Present	802.11ax	Up to 1200 Mbps
2013–2018	802.11ac	195 Mbps–585 Mbps
2011–2012	802.11n	180 Mbps–270 Mbps
2007–2010	802.11n	90 Mbps–180 Mbps
2006 or earlier	802.11a/b/g	32 Mbps

# Top 5 things that interfere with Wi-Fi:

Help maximize your  
home Wi-Fi speeds by  
avoiding these common  
Wi-Fi pitfalls!



## 1. Other Wireless Routers

Other wireless routers could interfere with each other, so it is a good idea to make sure they are far apart and operate on different channels by setting them to auto channel.

## 2. Microwaves

Setting your wireless router too close to a microwave and other kitchen appliances could cause a great deal of interference, so it's best to at least set your router on the other side of the room from your kitchen appliances.

## 3. Metal objects

Metal objects can absorb wireless signals causing there to be a dead spot behind them. For best signal strength, make sure there aren't any large metal objects between devices and your router.

## 4. Cordless phones

Cordless phones operate at the same frequencies as your wireless router does. Place your cordless phone receiver in a different area than your Wi-Fi router.

## 5. Location in home

To get the best coverage inside your home, the best spot for your router would be on the top level in your home, in a central location.