



WiFi 101

TIPS FOR DIAGNOSING & IMPROVING YOUR WIRELESS NETWORK SPEEDS

WiFi SPEEDS **VS.** INTERNET SPEEDS

Your WiFi network speed is not the same as your Internet speed. Your WiFi network is your wireless connection to your router, which then connects to your modem and the Internet. If your WiFi speed is slower than your Internet speed, then your wireless devices will not receive your full Internet speed. That's why it's important to keep your WiFi network running fast to all your devices.

Things That Slow Down WiFi Networks:

DISTANCE FROM ROUTER

The farther you go from the source of the transmission, the weaker the signal becomes. Try to place your router in a central location, as high off the floor as possible.

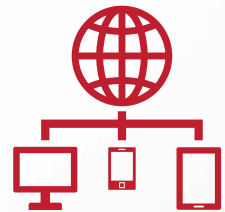


SIGNAL OBSTACLES

The more walls and floors your WiFi signal has to pass through, the weaker the signal becomes. Other WiFi networks and broadcasting devices, such as baby monitors, can also cause interference.

TOO MANY CONNECTIONS

If you have several devices always connected to your WiFi network, then your WiFi signal can be slowed down by those constant connections. Those devices can slow your network down even more if they are downloading updates or running file-sharing programs.



TIPS FOR SPEEDING UP YOUR WiFi >>>



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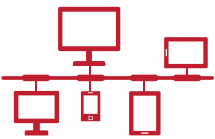


HOW TO SPEED UP YOUR NETWORK



Reduce Obstacles

Place your router in a central location, as high off the floor as possible. Ensure there are no baby monitors or other broadcasting devices nearby.



Reduce Connections

Even when devices are “sleeping,” they can still use your wireless network to download updates and perform syncing services in the background. Try turning off connected devices when they are not in use.



Secure Your Network

Create a password for your network. This will prevent neighbors from “borrowing” your WiFi connection, and slowing down your speeds.



Turn off File Sharing

If someone on your network is using file-sharing software, this can dramatically reduce your Internet speeds.



Use Modern Equipment

To get the most out of your connection, make sure you have the most up-to-date equipment. This includes upgrading your wireless adapters and ensuring that your modem is a DOCSIS 3.0-compliant model. Also consider using a dual-band wireless router that will allow you to split up your devices across two networks instead of one. This will reduce bandwidth congestion.



When Possible, Use a Wire

If possible, connect your device directly to your router with an Ethernet cable. This will ensure the fastest possible connection, while reducing your WiFi network congestion by one device.

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