Short Tutorial/FAQ – What Can I Do To Improve My Home’s Wi-Fi Speed?

There are also wireless repeaters available, which regenerate the Wi-Fi signal. You might put a wireless extender somewhere on the middle level. In these cases, you may want to consider using a wireless extender which boosts your Wi-Fi signal to hard-to-reach places. A typical wireless extender uses the A/C power line to connect a second wireless router to the main router.

Homes can also be difficult if the router isn’t plugged into the broadband line directly. Getting good Wi-Fi signal from one corner to another can be a challenge. Multistory homes can benefit from using different non-overlapping channels, choosing the right channel can be a simple fix for slow Wi-Fi speeds. Use the chart below to see what your channel selections should be for the best performance.

1. Make sure your router is secure. Putting a password on your router or limiting which devices can access your network will keep other people in the neighborhood from using your network and slowing it down.

2. Choose the right channel. Slow Wi-Fi speeds may be the result of conflict between your Wi-Fi signal and that of your neighboring neighbors. If you are finding that your neighbor’s Wi-Fi signal is causing interference, choose a different channel.

3. Check for possible interference. Common household gadgets that also use the 2.4Ghz frequency can interfere with your Wi-Fi signal. The chart below shows the common household gadgets that also use the 2.4Ghz frequency. These can interfere with your Wi-Fi signal and cause slow Wi-Fi speeds. To avoid interference, try choosing a different channel that doesn’t overlap with a channel that your neighbor is using.

4. Move your router. First off, make sure your router is plugged into a switch. Plugging your router into a switch will allow your router to be on a dedicated power source, and not subject to power changes. If you are using an electrical switch to control your router’s power, unplug your router from the switch and plug it directly into a power outlet. Check your manual to see where the switch is located. You can also move your router to a different location if possible. Try moving your router to an open space near the center of your home. Keep it away from thick walls made of brick or concrete, and make sure it’s not around metal items which can interfere with Wi-Fi signals. It may also help to position the router’s antenna vertically rather than horizontally.

5. Consider the size of your coverage area, number of users, and types of devices. All of these factors can influence the best place for your router. If you have a small home with few users and only a few mobile devices, you may be able to get away with placing your router in a corner. If you have a larger home with multiple floors, and you want to have fast Wi-Fi speeds throughout your home, you may want to consider using a wireless extender to boost your signal.

6. Make sure your router is on the top floor of your house. If you have a router on one floor and your network is only usable on another, consider moving the router to a location that is closer to the area you want to have Wi-Fi coverage. Add another router to the same network to support areas on other floors.

7. Check the router’s firmware. Making sure your router is running the latest firmware will help your router run more efficiently and faster. Your firmware will be updated automatically by your internet service provider. Check to see whether there are any firmwares available for your router. If there are, make sure you’re running the latest version.

8. Get a wireless repeater. If you have a laptop that don’t have Wi-Fi adaptors, you’ll need to connect to an Ethernet cord. You can use a repeater to connect your laptop without an Ethernet cord.

9. If all else fails, consider having your router replaced. If you have a bad router, there’s nothing you can do to improve your Wi-Fi speeds. You might also want to check with your internet service provider to see whether you need a new router. You might be able to get a replacement router without paying extra.