

Whole Home WiFi VS Standard WiFi Setup

If you've ever been walking around the house and notice that your WiFi connection does better in certain rooms but suffers or drops off completely in others, your first instinct may be to blame your internet service provider. However, it may be that your internet connection and speeds are just fine, there may actually be physical barriers impacting your ability to connect. You may need to consider a Whole Home WiFi solution.



The Difference Between Standard WiFi Setup, Whole Home WiFi Setup and Range Extenders

In your standard WiFi setup, you'll have your modem, which connects you to the internet. You're probably receiving your internet by one of three ways: cable (being the most popular and widely available), satellite or fixed wireless. Your modem then connects to a router, which creates the WiFi network for your devices to connect to wirelessly.

With range extenders around your house, you can in effect increase the range of your router, however, you do so at the expense of your connection's performance. More on that later.

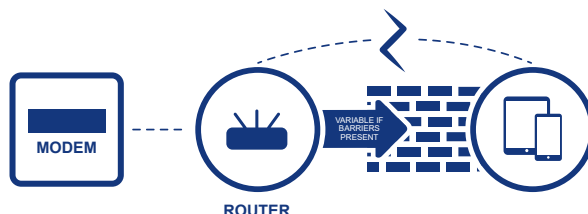
With a mesh system, there is a node that connects to your modem acting as a router. You can then add more nodes throughout your home that each find the best channel and path to connect wirelessly to the other nodes. This effectively blankets your house with a seamless internet connection without loss in performance.



Standard WiFi Setup

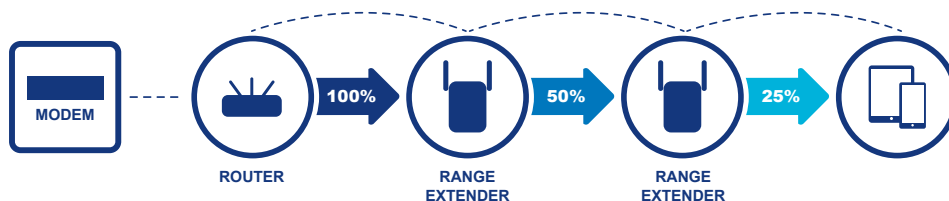
In your standard WiFi setup, as long as your signal stays strong and performs as is, the biggest benefit is that you don't need to add any other equipment to your system. However, physical barriers like walls, furniture, floors, ceilings and the size of your home can impact the connection that you receive in different areas of your house. This is impacted further if any of the barriers are made of metal, brick or concrete.

Other devices can also interfere with your connection. Some of these devices can include things like micro-waves, cordless phones or baby monitors. This is similar to standing in a room with everyone talking at once. It can become very difficult to hear what anyone is saying.



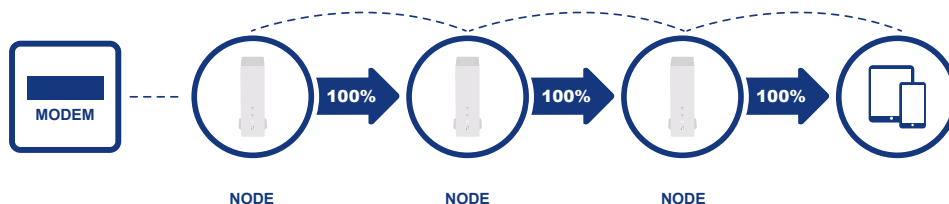
Range Extenders

With range extenders, as mentioned before, you can effectively increase the range of your connection. But, the biggest drawback to range extenders is that the connection performance get increasingly weaker the more extenders you add. As much a 50% reduction with each extender. Additionally, each extender is like its own network. This will require you to manually switch from one network to the next as you move through coverage zones.



Whole Home WiFi

With a mesh system, there is a node that connects to your modem acting as a router. You can then add more nodes throughout your home that each find the best channel and path to connect wirelessly to the other nodes. This effectively blankets your house with a seamless internet connection without loss in performance.



If you're interested in learning more about a Whole Home WiFi system for your household, our team would love to discuss the best solution for your needs:
800-236-8434