

## WiFi router or WiFi Mesh home network?

- 1) How large is your home/coverage area?
  - a. Less than 1800 sq. ft.\*



- i. WiFi router

1. A single device that provides wireless coverage and is typically connected to an ISP supplied modem. All wireless devices will connect to this WiFi router.

- b. Greater than 1800 sq. ft.\*



- i. Mesh WiFi network

1. A mesh network is two or more connectivity devices that act as a single network, so there are multiple sources of connectivity around your house. Each device allows additional WiFi coverage area.

*\*Actual WiFi coverage will vary due to physical obstructions, other wireless networks, electronic equipment, etc.*

- 2) What is your budget?

- a. WiFi routers or WiFi Mesh networks range in price from less than \$100 to several hundred dollars based on factors including speed, features and number of connectivity devices (mesh network).
  - b. Make sure the router/mesh network supports your ISP internet download speed.
    - i. Verify the router is WiFi 6 capable to help future proof your purchase.
    - ii. Verify the router has at least a 1Gb WAN port (the port that connects to the ISP modem).
    - iii. If you are currently subscribed to or think you will upgrade to our 2.5Gb fiber service, your router will need a 2.5Gb WAN port to take advantage of the full wired speed.

### Equipment Recommendations (based on third party testing/reviews)

#### WiFi routers

##### Overall

[TP-Link AXE75 \(WiFi 6e\)](#)  
[TP-Link Archer AX55](#)

##### Gaming

[Asus RT-AX86U Pro](#)  
[Netgear Nighthawk XR1000](#)

##### 2.5Gb WAN port

[TP-Link AX5400 Pro](#)  
[Asus RT-AX86U Pro](#)

##### Budget

[Asus RT-AX58U](#)  
[TP-Link AX21](#)

#### Mesh Networks

##### Overall

[Eero 6 Plus](#)  
[TP-Link Deco W7200](#)

##### Gaming

[TP-Link Deco X90](#)  
[Eero Pro 6](#)

##### 2.5Gb WAN port

[Eero Pro 6e \(WiFi 6e\)](#)  
[Asus ZenWiFi AX \(XT8\)](#)

##### Budget

[Eero 6](#)  
[TP-Link Deco X20](#)