

# Wireless Range Extender

## Basics

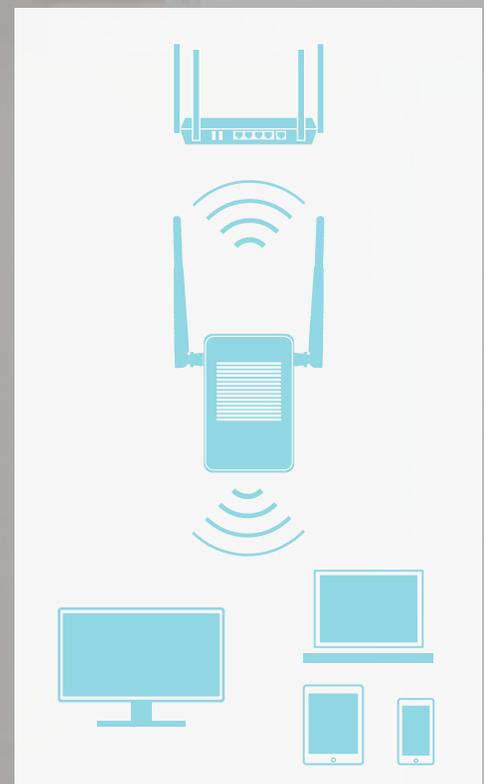


Wireless range extenders help to eliminate Wi-Fi dead spots by extending the range of your wireless router. Wireless range extenders can also be referred to as wireless extenders, Wi-Fi repeaters, or Wi-Fi boosters.

Internal or external antennas, along with high-power amplifiers, increase your Wi-Fi coverage and range. Some range extenders support beamforming, which increases real-time performance by directing stronger wireless signals to each device location.

You should note that wireless throughput speeds will be reduced with any extender or repeater. And before you think your wireless range extender isn't working, there are many reasons that would cause your extender to lose access to the internet: if your router loses internet connection, wireless settings are changed on your router, or if your extender becomes out of range of your router's wireless signals.

The location of your range extender can also impact the performance of your wireless range extender. Ensure you setup your wireless extender in an open area without barriers.



# 1

Place the wireless range extender about half way between your router and the area just before your Wi-Fi dead zone

- Note that the extender must be in range of your wireless router.



## Choose an outlet without obstructions

- For best results, there needs to be a clear line of sight from your wireless router to the range extender, and from the extender to the Wi-Fi dead zone
- Do not place extenders underneath your desk or behind furniture. Furniture and other obstructions limit wireless range.
- Extenders will not help improve wireless in obstructed areas (walls or other thick materials)

# 2

# 3

Update firmware to access the latest features and receive performance updates



Check LED lights to confirm connectivity

# 4

