

# Wireless Range Extender

A **wireless range extender** increases the distance over which a WLAN signal can spread, overcoming obstacles and enhancing overall network signal quality. Several different forms of wireless range extenders are available. These products are sometimes called “range expanders” or “signal boosters.” The Linksys WRE54G ([compare prices](#)) 802.11g Wireless Range Expander is shown above.

A wireless range extender works as a relay or network repeater, picking up and reflecting WiFi signals from a network’s base router or access point. The network performance of devices connected through a range extender will generally be lower than if they were connected directly to the primary base station.

A wireless range extender connects wirelessly to a WiFi router or access point. However, due to the nature of this technology, most wireless range extenders work only with a limited set of other equipment. Check the manufacturer’s specifications carefully for compatibility information.



Range Extender

Source: <http://computrnetworking.wordpress.com/2012/02/14/wireless-range-extender/>