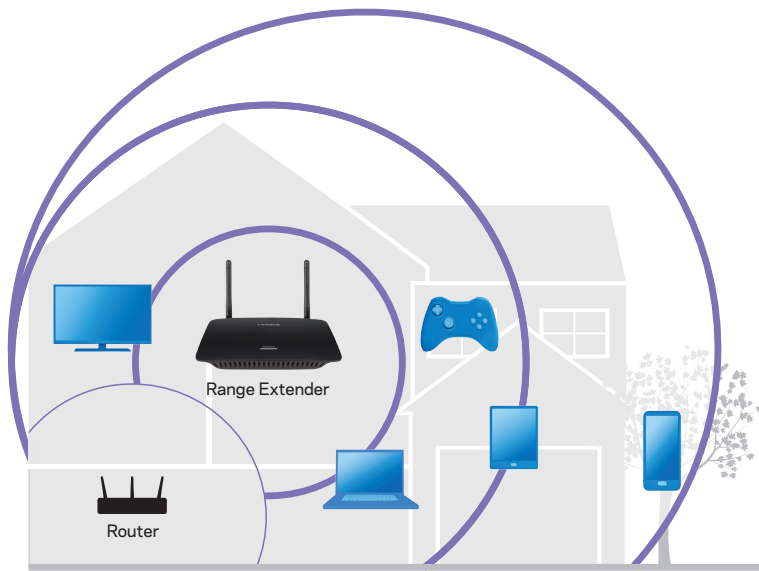# LINKSYS

AC1200 MAX

RE6500
Wi-Fi® RANGE EXTENDER

Range Extender

Router

Extend next-generation Wireless-AC signals from an existing router or gateway to the far reaches of your home including the backyard.

Numerous factors can affect the signal strength from a high-performance router to certain areas of your home. Building materials as well as interference from appliances and even a house's structure can hinder with Wi-Fi coverage.

Eliminate Wi-Fi dead zones in far reaches of your home and gain Wireless-AC coverage with Linksys AC1200 MAX Range Extender (RE6500).

Compatible with any existing router or gateway, the RE6500 extends wireless coverage, providing a strong, reliable signal for bandwidth-hungry devices throughout your home and even in the backyard.

The RE6500 features simultaneous dual bands that can deliver up to N300 Mbps (2.4 GHz) + AC867 Mbps (5 GHz)* data transfer speeds to reduce traffic and maximize media streaming. With innovative Cross-Band technology, the dual bands can simultaneously receive information on one band and transmit on the other. This effectively reduces dropped data packets and delivers a stronger, more consistent signal throughout a home.

Music enthusiasts can connect a stereo system or speakers to the MAX Range Extender and instantly stream favorite playlists and songs from a smart device or computer.
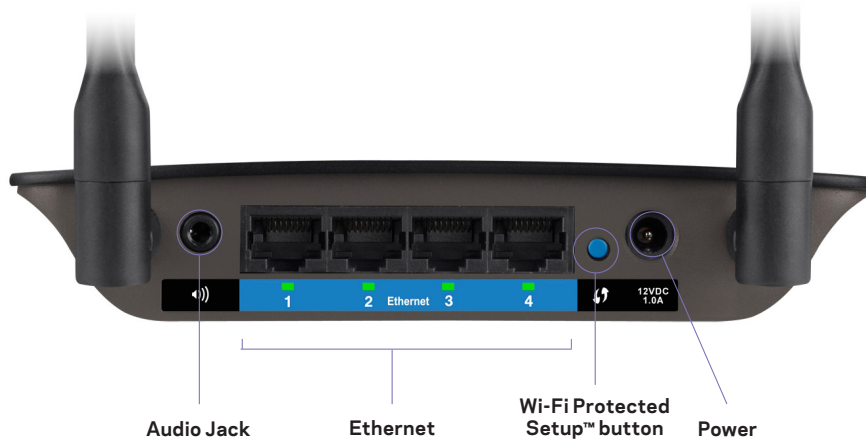
The Linksys AC1200 Wi-Fi Range Extender also features four Ethernet ports to supply Internet access to wired devices—from any appropriately located, active power outlet.

Key Features and Benefits

- **Universal Compatibility**
  Wireless-AC technology is compatible with all a/b/g/n devices
  Works with any router or gateway including routers supplied by service provider
- **Next-Generation Wireless-AC Technology**
  Up to 4.3X faster than Wireless-N technology featuring simultaneous dual-band speeds up to N300 Mbps (2.4 GHz) + AC867 Mbps (5 GHz) to reduce traffic and maximize data
- **Cross-Band Technology**
  Maximizes the simultaneous use of both bands for faster data transfer speeds
- **Audio Streaming Capability**
  Connect a stereo system or audio speakers to the AC1200 MAX to wirelessly stream your favorite music from a smart device or computer
- **4 Gigabit Ethernet Ports**
  Extend the range of four wired devices to ensure uninterrupted media streaming and fast data transfer
- **Detachable External High-Gain Antennas**
  Ideal for large homes, the RE6500HG's high-gain antennas help to expand the Wi-Fi coverage throughout your home and can be adjusted to optimize network performance.
- **Easy Setup**
  Simple installation requires no CD

AC1200 MAX

RE6500HG
Wi-Fi® RANGE EXTENDER

Audio Jack   Ethernet   Wi-Fi Protected Setup™ button   Power

PACKAGE CONTENTS
- Linksys AC1200 MAX Wi-Fi Range Extender, RE6500HG
- AC/DC Power Supply
- Two High-Gain Dipole Antennas (5dbi)
- Ethernet Cable
- Quick Installation Guide

MINIMUM SYSTEM REQUIREMENTS
- PC or other devices with Ethernet network port
- AC power outlets
- Wi-Fi Protected Setup™ enabled router
- PC/Mac® for utility
  PC: Wi-Fi enabled, running Windows® XP SP3, Windows Vista® SP1 or later, Windows 7, or Windows 8
  Mac: Wi-Fi enabled, running Mac OS® X Leopard v10.5.8 or later, Snow Leopard v10.6.1 or later, Lion v10.7, or Mountain Lion v10.8
- Wireless: Existing b/g/n or a/n/ac wireless router or access point

Specifications are subject to change without notice.

An active, customer-purchased Internet Service Provider broadband account is required for connection to the Internet.

Wireless Operating Spectrum:
Simultaneous Dual-Band
2.4 GHz and 5 GHz
Wireless Frequency:
2.4GHz: 2412-2472 MHz
5GHz: 5180-5240 MHz

Power Supply Specifications
Input: 100-240V ~ 50/60Hz, 0.4A,
Output: 12V DC, 1.5A

Total EIRP Power (dBm):
2.4GHz: 18.95 dBm
5GHz:21.99 dBm

Antennae: 2
Antenna Type: Di-Pole
Antenna Gain (dBi):
2.4GHz:5.5dBi,
5GHz:5.62dBi

Wireless Security:
Wi-Fi Protected Setup™ button
WPA®/WPA2® encryption
SPI firewall
WEP encryption

Ports:
1x Audio Jack
4x Gigabit Ethernet
Power

2-Year Limited Warranty

Product Weight (lbs.): .34
Product Depth (in.): 1.30
Product Width (in.): 3.62
Product Height (in.): 4.92
Unit Weight (lbs.): 1.08
Unit Depth (in.): 3.31
Unit Width (in.): 9.49
Unit Height (in.): 6.22
Case Pack Quantity (*PL) 20
Case Pack Weight (lbs.) (*PL): 5.56
Case Pack Length (in.) (*PL): 13.63
Case Pack Width (in.) (*PL): 7.25
Case Pack Height (in.) (*PL): 10.00

* Maximum performance derived from IEEE Standard 802.11 specification. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

Secure push-button setup works with devices that support Wi-Fi Protected Setup™ like Linksys Wireless-AC routers and others.

Part Number	Description	UPC	Warranty
RE6500HG-ME	AC1200 MAX Wi-Fi RANGE EXTENDER	745883686582	2-Year Limited Warranty
		EAN	
		4260184665624	

linksys.com