

ERB300H

4-Port Wireless-N Media Bridge and Range Extender

2.4GHz

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The EnGenius ERB300H is a 2.4GHz Wireless N300 Media Bridge and Range Extender with four Fast Ethernet ports. It can be used to connect Ethernet-enabled entertainment devices like Blu-ray players, set top boxes, DVRs and game consoles wirelessly to an existing home router in another part of the house or repeat a home router's signal to eliminate dead zones and extend a home network.



WIRELESS-N SPEED

Utilizes 802.11n standard speeds, up to 300 Mbps in the 2.4GHz in and around the home.

REPEATER MODE

Repeater Mode: Extends the 2.4 GHz range of existing wireless routers

CLIENT BRIDGE MODE

Client Bridge Mode: Built-in four 10/100 Ethernet ports for connection of Ethernet-enabled home entertainment devices to a wireless network.

INDUSTRY-STANDARD SECURITY

WPA / WPA2 encryption to help secure the wireless network

DETACHABLE ANTENNAS

Detachable 2dBi antennas for longer range and greater coverage; also allows for end-user upgrade for higher gain antennas.

WPS BUTTON FOR QUICK WIRELESS SECURITY SETUP

EASY TO USE INSTALLATION WIZARD FOR QUICK SETUP

INTERNAL MIMO RADIO TECHNOLOGY

1 - Internet access requires end-user purchased broadband service from an Internet Service Provider.

2 - Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range can vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment, and mix of devices in the network. Features and specifications subject to change without notice.

RF SPECIFICATION

Frequency Band	2.400-2.484 GHz
Modulation Technology	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, BPSK, DQPSK, CCK
Operation Channels	11 for North America, 14 for Japan, 13 for Europe

SOFTWARE FEATURES

Wireless	WEP, WPA/WPA2 (AES/TKIP), WPS, WMM
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ENVIRONMENT & PHYSICAL

Temperature	Operating: 0°C to 45°C (32°F to 113°F)
	Storage: -10°C to 70°C (14°F to 158°F)
Humidity (non-condensing)	15% - 95% typical

PACKAGE CONTENTS

ERB300H Wireless N300 Media Bridge/Extender
Quick Installation Guide
CD with User's Manual in Acrobat pdf
Technical Support Card

REGULATION

FCC Part 15, ETSI 300/328/CE

IN MEDIA BRIDGE MODE

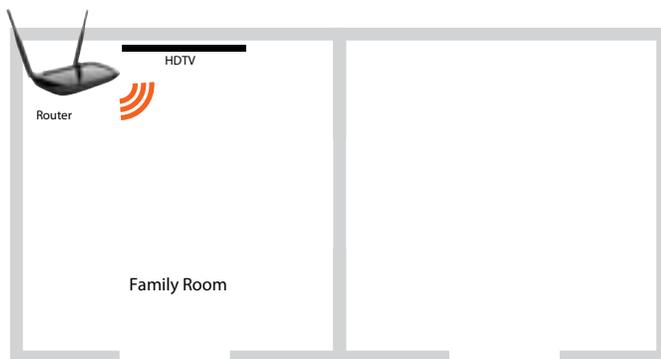
For families that have another room in the home for video entertainment or gaming, the ERB300H is an ideal solution for connecting these devices to the home network wirelessly so family members can access some of the Internet-based subscription services available for video, music and photography or for playing online games with other gamers on the Internet¹.

IN REPEATER (RANGE EXTENDER) MODE

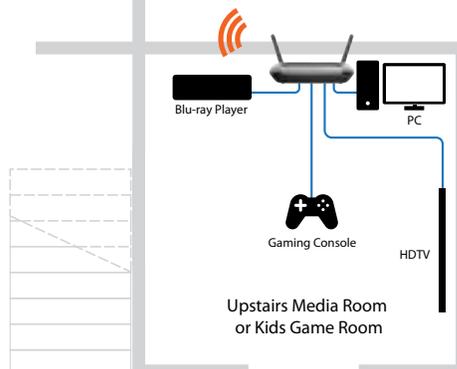
The ERB300H receives the signal from a wireless router and rebroadcasts it beyond the router's wireless coverage area. It features greater signal coverage than ordinary wireless repeaters and extends the reach of an existing wireless network connecting to computers and other 802.11b/g/n devices in areas that previously experienced poor signal reception or even no signal at all.

The ERB300H is easy to connect to your existing network by using the WPS buttons on both the ERB300H and your existing router or by configuring it using the easy browser-based configuration Graphical User Interface (GUI).

The ERB300H supports WPA, and WPA2 encryption standards to ensure compatibility with a majority of routers.



Blu-ray players, set top boxes, DVRs, game consoles, HDTVs, computers and other Ethernet-enabled devices



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