

HIGH POWER™ AC2600 WI-FI® RANGE EXTENDER

PLUG-IN | MU-MIMO | GIGABIT PORT

The REC44M expands the range of any standard 802.11a/b/g/n/ac Wi-Fi network by repeating the signal (2.4GHz and 5GHz) from a Wi-Fi router and redistributing it in a new, extended location. The REC44M is equipped with a total of sixteen amplifiers, including eight 2.4/5GHz amplifiers and eight low noise amplifiers. The amplifiers combined with two high gain external antennas and two high gain internal antennas provide up to 12,000 sq ft of additional Wi-Fi coverage. The Range Extender features incredibly fast AC2600 Wi-Fi speeds to provide enough bandwidth for the most demanding networks. It is built with one gigabit wired port for connecting and bridging an additional network device, such as a PC or TV, to your Wi-Fi network. The REC44M works with all brands of standard single or dual band Wi-Fi routers and service provider gateways. Unleash your iPads, tablets and smartphones with the most powerful, fastest, plug-in, universal Wi-Fi range extender available.



UP TO **12,000** SQ FT

KEY FEATURES

-  **Up to 12,000 Sq Ft of Coverage**
Bring long range, reliable Wi-Fi to your entire home or office
-  **Eliminate Wi-Fi Dead Spots**
Achieve maximum range with 16 high power amplifiers and 4 high gain antennas
-  **AC2600 Wi-Fi + MU-MIMO**
Move faster on all of your devices with up to 2.5Gbps of speed and new AC Wave 2 technology²
-  **High Power Dual-Core Processor**
A Dual-Core Processor handles heavy traffic with ease, for the best Wi-Fi experience
-  **BoostBand™ Technology**
Streamline Wi-Fi traffic and increase speeds by up to 2X¹
-  **Guest Networks & User Access**
Create up to 8 networks for guests and restrict access to specific users
-  **Wi-Fi Coverage Control**
Adjust the distance of your wireless network for more control
-  **AirPlay®, AirPrint™, & Home Sharing**
Works with all Apple networking features
-  **Gigabit Network Bridge**
Connect one additional wired device, like a Smart TV, at gigabit speeds

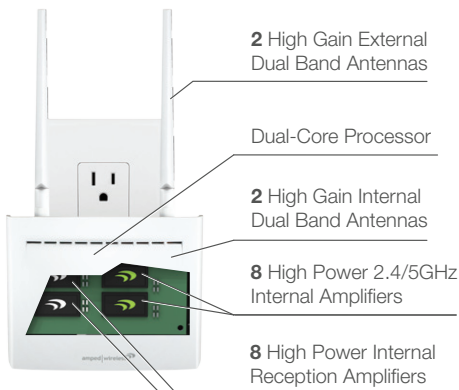
HOW IT WORKS

The REC44M expands the range of any standard Wi-Fi router by repeating the signal (2.4GHz and/or 5GHz) and redistributing it in a new, extended location.

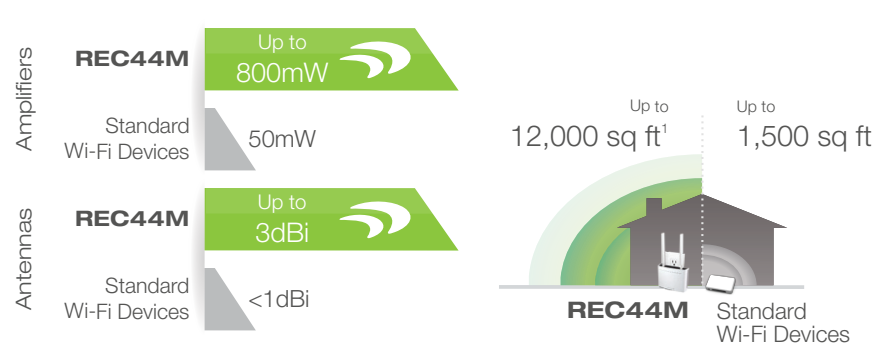


HIGH POWER TECHNOLOGY

High Power Amplifiers & High Gain Antennas Boost Wi-Fi Performance



AMPED WIRELESS DIFFERENCE



mW = Milliwatt (Output Power Measurement) dBi = Decibel (Antenna Gain Measurement)

PRODUCT COMPARISON

High Power AC1200 Plug-In Range Extender
REC22P

High Power AC2600 Plug-In Range Extender
REC44M

TITAN-EX High Power AC1900 Range Extender
RE1900A

ATHENA-EX High Power AC2600 Range Extender
RE2600M

SPEED PERFORMANCE

AC1200 Dual Band N+AC Speeds	●	■		
AC1900 Dual Band N+AC Speeds		■	●	
AC2600 Dual Band N+AC Speeds		●		●

OUTPUT POWER / COVERAGE

Up to 600mW 11,000 sq ft	●	■		
Up to 800mW 12,000 sq ft		●		
Up to 800mW 14,000 sq ft			●	
Up to 800mW 15,000 sq ft				●

ANTENNAS

External	1	2	4	4
Internal	1	2		
Dual Band	●	●	●	●
4 Antenna Technology		●	●	●

KEY FEATURES

Discreet Plug-In Design	●	●		
Signal Strength LED	●	●	●	●
Universal: Works with All Routers ³	●	●	●	●
Gigabit Wired Ports	1	1	5	4
Power Processor	●	●	●	●
USB 2.0 Storage			●	●
USB 3.0 Storage			●	●

SIMPLE SETUP

1. Connect your tablet, smartphone, or PC to the Range Extender
2. Access the Setup Menu
3. Scan for and select your network

BOOSTBAND TECHNOLOGY

Increase the overall speed and performance of your extended network by streamlining dual band network traffic through a single Wi-Fi frequency band between the Router and the Range Extender.



TECHNICAL SPECIFICATIONS

Frequency Bands: 2.4GHz/5GHz 802.11a/b/g/n/ac

Wireless Speed: 2.4GHz 800Mbps +
5GHz 1733Mbps (simultaneous)

Amplifiers: 4 x 2.4GHz Amplifiers
4 x 5GHz Amplifiers
8 x Low Noise Amplifiers

Antennas: 2 x Detachable High Gain Dual Band Antenna
2 x Internal High Gain Dual Band Antenna

Port: 1 x RJ-45 10/100/1000M (LAN)

PACKAGE CONTENTS

- High Power AC2600 Plug-In Wi-Fi Range Extender with MU-MIMO
- Two Detachable High Gain Dual Band Antennas
- Setup Guide

SYSTEM REQUIREMENTS

- Wireless 802.11a/b/g/n/ac 2.4GHz and/or 5GHz Network
- Computer, tablet or smartphone with a web browser

Specifications are subject to change without notice.

¹ Range specifications are based on performance test results. Actual performance may vary due to differences in operating environments, building materials and wireless obstructions. Performance may increase or decrease over the stated specification. Wireless coverage claims are used only as a reference and are not guaranteed as each wireless network is uniquely different. Maximum wireless signal rate derived from IEEE 802.11 standard specifications. Actual data throughput may vary as a result of network conditions and environmental factors. Output power specifications are based on the maximum possible radio output power plus antenna gain. May not work with non-standard Wi-Fi devices such as those with proprietary software or drivers. Supports all Wi-Fi standards that are compatible or backwards compatible with 802.11a/b/g/n/ac Wi-Fi standards.

² All transmission rates listed, for example 800Mbps for 2.4GHz and 1733Mbps for 5GHz, are the physical data rates. Actual data throughput will be lower and may depend on external factors as well as the combination of devices connected to the router. AC2600 wireless speeds are achieved when connecting to other AC2600 capable devices.

³ May not work with non-standard Wi-Fi routers or routers with altered firmware or proprietary firmware, such as those from third party sources or some internet service providers. May not work with routers that do not comply with IEEE or Wi-Fi standards.

Designed by Amped Wireless in the USA

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