

HIGH POWER™ AC1200 WI-FI® RANGE EXTENDER

DUAL BAND | 700mW | 5 GIGABIT PORTS

The Amped Wireless High Power 700mW Dual Band AC1200 Wi-Fi Range Extender expands the range of any 802.11a/b/g/n/ac Wi-Fi network by repeating the signal (2.4GHz and/or 5.0GHz) from a Wi-Fi router and redistributing it in a new "extended" location. The REA20 is equipped with a total of 10 amplifiers, 2 x 2.4GHz amplifiers, 4 x 5.0GHz amplifiers, 4 low noise amplifiers, and 3 high gain antennas to provide industry leading, extended Wi-Fi coverage. The REA20 features 5 gigabit ports that allow additional network devices to connect at blazing fast speeds. The Range Extender works with all brands of single or dual band Wi-Fi routers and service provider gateways. Unleash your iPads, Android tablets, smartphones and e-readers with the most powerful, fastest, universal range extender available.



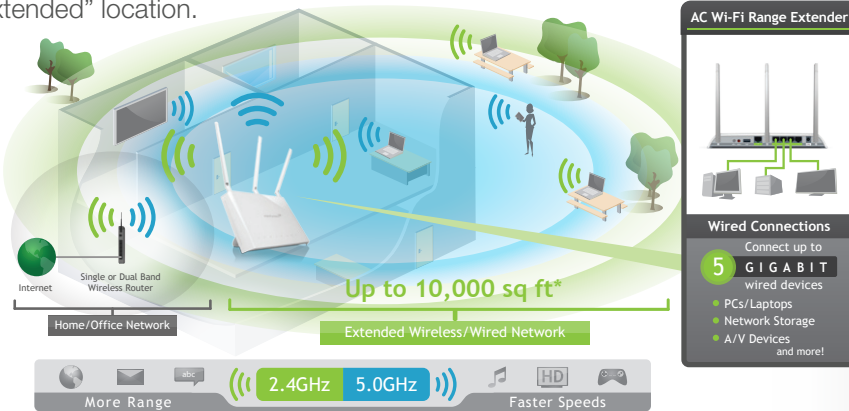
UP TO 10,000 SQ FT

KEY FEATURES

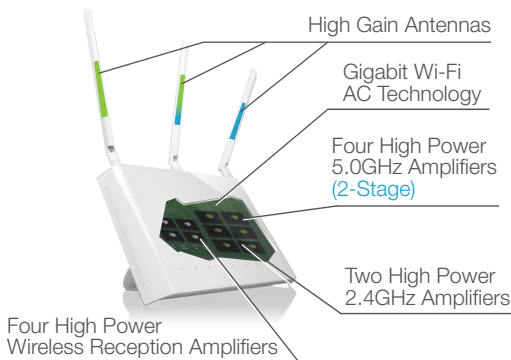
- LONG RANGE WI-FI**
Extend coverage for your large home or office by up to 10,000 sq ft*
- ELIMINATE WI-FI DEAD SPOTS**
Penetrate walls with high power, dual band Wi-Fi
- SIMULTANEOUS DUAL BAND WI-FI**
Extend 2.4GHz and 5.0GHz networks simultaneously for more bandwidth
- GUEST NETWORKS & USER ACCESS**
Create up to 8 networks for guests and restrict access to specific users
- WI-FI COVERAGE CONTROL**
Adjust the distance of your wireless network
- POWERFUL PROCESSOR**
Experience more with faster networking speeds
- SHARE FILES WITH USB**
Attach a USB drive and easily share files within your network
- GIGABIT NETWORK BRIDGE**
Connect more wired devices to your network without sacrificing speed
- AIRPLAY®, AIRPRINT™, & HOME SHARING**
Works with all Apple networking features
- UNIVERSALLY COMPATIBLE**
Works with any Router or Gateway: including Linksys, Verizon, Netgear & more*

HOW IT WORKS

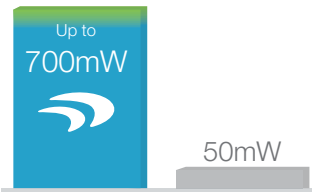
The REA20 expands the range of any Wi-Fi network by repeating the signal (2.4GHz and/or 5.0GHz) from the router and redistributing it in a new "extended" location.



HIGH POWER TECHNOLOGY



Wi-Fi Output Power Amplifiers



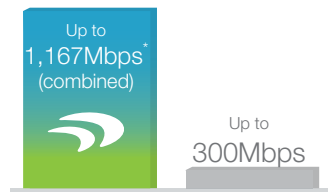
REA20 Standard Wi-Fi Devices

Wi-Fi Antenna Power Antennas



REA20 Standard Wi-Fi Devices

Wi-Fi Data Speeds Technology



REA20 Standard Wi-Fi Devices

2-STAGE AMPLIFIERS

Double amplification for maximum range



2-Stage Amplifiers boost a single Wi-Fi signal twice using two amplifiers for maximum performance.

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

PRODUCT COMPARISON

	N300 Compact Range Extender REC10	N300 Range Extender SR10000	N600 Dual Band Range Extender SR20000G	AC600 Dual Band Compact Range Extender REC15A	AC1200 Dual Band Range Extender REA20
SPEED PERFORMANCE					
N300 Wireless-N Speeds	●	●			
N600 Dual Band N Speeds			●		
AC600 Dual Band N+AC Speeds				●	
AC1200 Dual Band N+AC Speeds					●
OUTPUT POWER / COVERAGE					
Up to 500mW / 5,000 sq ft				●	
Up to 600mW / 6,500 sq ft	●				
Up to 600mW / 10,000 sq ft		●	●		
Up to 700mW / 10,000 sq ft					●
Dual Band Amplifiers			●	●	●
ANTENNAS					
External - High Gain	●	●	●	●	●
Detachable Antennas	1	2	2	1	3
Dual Band			●	●	●
KEY FEATURES					
Discreet Plug-In Design	●			●	
Universal: Works with All Routers*	●	●	●	●	●
Wired Ports	1	5	5	1	5
Gigabit Ports & Power Processor			●		●
Simultaneous Dual Band Less Interference			●	●	●
USB Storage Support			●		●

2.4GHz | 5.0GHz SIMULTANEOUS

WORKS WITH 802.11 a/b/g/n **AC**

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

Wireless Standard: 802.11a/b/g/n/ac
Frequency Band: 2.4GHz, 5.0GHz (Simultaneous)

Wireless Speed: AC1200
2.4GHz: 300Mbps +
5.0GHz: 867Mbps

Amplifiers: 2 x 2.4GHz Amplifiers
4 x 5.0GHz Amplifiers (2-Stage)
4 x Low Noise Amplifiers

Wireless Security: WEP, WPA, WPA2, WPA Mixed, WPS
Antennas: 1 x Detachable High Gain 2.4GHz Antenna
1 x Detachable High Gain 5.0GHz Antenna
1 x Detachable High Gain Dual Band Antenna

Ports: 5 x RJ-45 10/100/1000M (LAN)
1 x USB 2.0 Port (for USB Storage)

Mounting: Wall, Stand or Desktop

Warranty: 1 Year

SETUP REQUIREMENTS

- Wireless 802.11a/b/g/n or ac 2.4GHz or 5.0GHz Network
- Computer with wired or wireless network adapter

PRODUCT CONTENTS

- 1 x High Power 700mW Dual Band AC Wi-Fi Range Extender
- 1 x Detachable High Gain 2.4GHz Antenna
- 1 x Detachable High Gain 5.0GHz Antenna
- 1 x Detachable High Gain Dual Band Antenna
- 1 x Power Adapter (100-240v)
- 1 x Setup Guide
- 1 x CD: User's Guide, Installation Video
- 1 x Desktop Stand and Cable Organizer

Specifications are subject to change without notice.

* 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. AC1200 wireless signal speeds achieved when connecting to other 802.11ac devices. Output power specifications are based on the maximum possible radio output power plus antenna gain.

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.

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Designed by Amped Wireless in the USA

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