

HIGH POWER 700mW DUAL BAND AC WI-FI ROUTER

RTA15

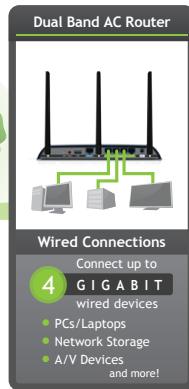
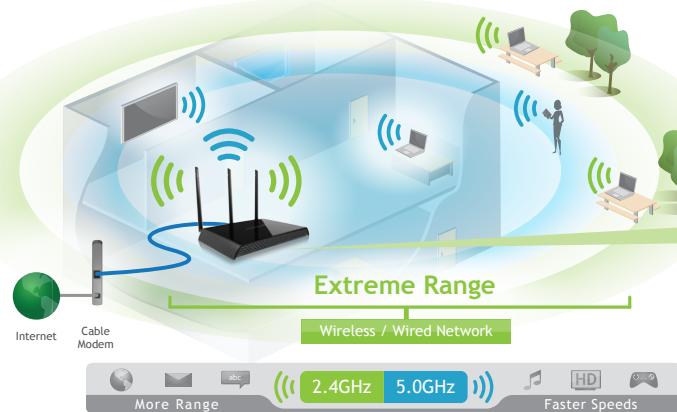
The Amped Wireless High Power 700mW Dual Band AC Wi-Fi Router provides industry-leading Wi-Fi coverage coupled with ultra-fast 802.11ac Wi-Fi speeds. The RTA15 is equipped with a total of ten amplifiers and three high gain antennas to provide extreme range, gigabit Wi-Fi coverage. The RTA15 is the first device to feature double amplification with advanced 2-stage 5GHz amplifiers that ensure the longest range and the most coverage. It features five gigabit networking ports for blazing fast wired connections. Powered by 802.11ac Wi-Fi technology the RTA15 provides gigabit Wi-Fi speeds (AC1200: three times faster than 802.11n) with enough bandwidth to deliver multiple HD streams simultaneously to all of your Wi-Fi devices as well as next generation Wi-Fi access throughout your entire home, backyard or office.



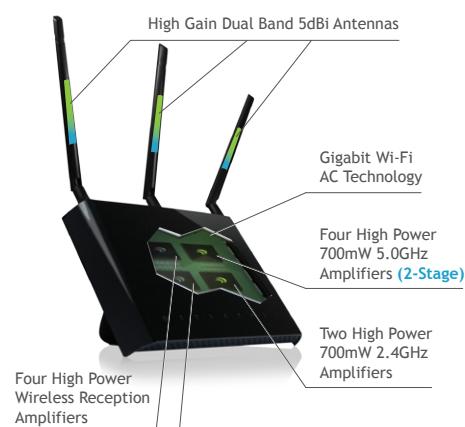
2.4GHz 5.0GHz SIMULTANEOUS
GIGABIT WI-FI
802.11 a/b/g/n **AC**

HOW IT WORKS

The High Power Dual Band AC Wi-Fi Router shares a broadband Internet connection and provides extreme Wi-Fi coverage with long range 2.4GHz and ultra-fast 5.0GHz access.



AMPED TECHNOLOGY



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

Wi-Fi Output Power Amplifiers

Up to 700mW



50mW

RTA15

Standard Wi-Fi Devices

Wi-Fi Antenna Power

Up to 5dBi



<1dBi

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Standard Wi-Fi Devices

Wi-Fi Data Speeds

Wi-Fi Technology

Up to 1200Mbps*



300Mbps

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Standard Wi-Fi Devices

2-STAGE AMPLIFIERS

Double amplification
for maximum range



WI-FI SIGNAL

STAGE 1 BOOST

STAGE 2 BOOST

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

RANGE BOOST

1X 2X 3X MORE POWER = MORE RANGE

KEY FEATURES



Extreme Dual Band Range

Simultaneous dual band Wi-Fi, great for large homes and offices



Powerful: 2 Stage Amplifiers

Double amplification helps Wi-Fi penetrate walls



Ultra-Fast AC Wi-Fi Technology

AC1200: 2.4GHz 300Mbps + 5.0GHz 867Mbps Wi-Fi data transfer speeds



Guest Networks

Create up to 8 Wi-Fi networks for guests



Wi-Fi Coverage Control

Adjust the distance of your wireless network



Parental / Security Features

SPI Firewall, website blocking, & access controls



Powerful Processor

Faster wired and wireless networking



USB Storage Support

Share files from a USB storage device*



Seamless HD Media Streaming

Ultra-fast streaming to multiple A/V devices simultaneously

* USB Storage device not included.

**PRODUCT FEATURE SET
& PERFORMANCE COMPARISON**

	N300 Router R10000	N300 Gigabit Router R10000G	N600 Dual Band Router R20000G	AC1200 Dual Band Router RTA15
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SPEED PERFORMANCE

300Mbps Wireless-N Speeds	●	●		
600Mbps Dual Band N600 Speeds			●	
Up to 1,200Mbps Dual Band N+AC1200 Speeds				●

OUTPUT POWER/COVERAGE

Number of Amplifiers	4	4	8	10
600mW / 2X Range	●	●	●	
700mW / 3X Range				●
Dual Band Amplifiers		●	●	
Advanced 2-Stage Amplifiers				●

ANTENNAS

External - High Gain	●	●	●	●
Detachable Antennas	2	2	2	3
Dual Band		●	●	

KEY FEATURES

Adjustable Wi-Fi Coverage	●	●	●	●
Smart Firewall & Quality of Service	●	●	●	●
Website Blocking	●	●	●	●
Gigabit Ports & Power Processor	●	●	●	●
Simultaneous Dual Band Less Interference		●	●	
USB Storage Support		●	●	
IPv6 Support				●

GREAT FOR...

Tablets & Laptops	●	●	●	●
Large Homes/Offices	●	●	●	●
Multiple HD Media Streams		●	●	

TECHNICAL SPECIFICATIONS:

Wireless Standard: 802.11a/b/g/n/ac
 Frequency Band: 2.4GHz/5.0GHz
 Wireless Speed: 2.4GHz 300Mbps + 5.0GHz 867Mbps (simultaneous)
 Amplifiers: 2 x 2.4GHz 700mW Amplifiers
 4 x 5.0GHz 700mW Amplifiers (2-stage)
 4 x Low Noise Amplifiers
 Wireless Output Power: Up to 29dBm (max)
 Wireless Security: WEP, WPA, WPA2, WPA Mixed, WPS
 Wireless Access Scheduling: Specific day and time
 Wireless Coverage Control: 15% - 100% Output Power
 Antenna: 1 x Detachable High Gain 5dBi 2.4GHz Antenna
 1 x Detachable High Gain 5dBi 5.0GHz Antenna
 1 x Detachable High Gain Dual Band Antenna
 Port: 1 x RJ-45 10/100/1000M WAN Port (Modem Port)
 4 x RJ-45 10/100/1000M LAN Ports (Local Ports)
 1 x USB 2.0 Port for USB Storage
 Warranty: 1 Year

SETUP REQUIREMENTS:

- Broadband (cable/DSL) modem with Ethernet port
- Computer with wired (RJ-45) or wireless (802.11a/b/g/n or ac) adapter

PRODUCT CONTENTS:

- High Power 700mW Dual Band AC Wi-Fi Router
- Detachable High Gain 5dBi 2.4GHz Antenna
- Detachable High Gain 5dBi 5.0GHz Antenna
- Detachable High Gain Dual Band Antenna
- Power Adapter (100-240v)
- RJ-45 Ethernet Cable
- Setup Guide
- CD: User's Guide, Installation Video
- Desktop Stand / Cable Organizer

DESKTOP STAND / 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. 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.

Designed by Amped Wireless in the USA

Amped Wireless

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