amped | wireless

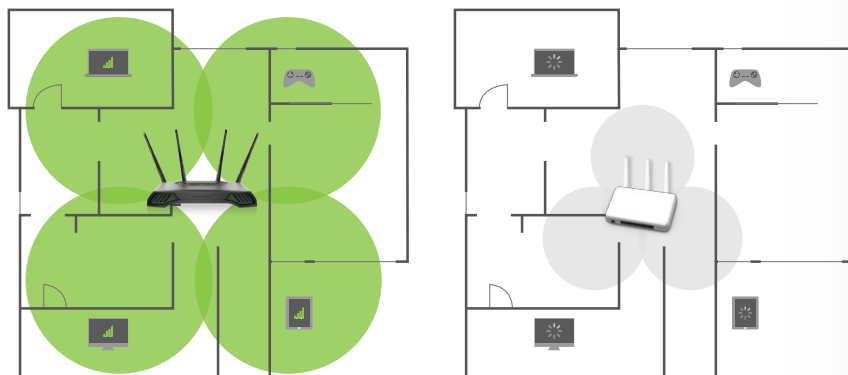## MORE COVERAGE AND PERFORMANCE FOR MORE DEVICES

RTA1900

TITAN
HIGHPOWER™ AC1900
WI-FI® ROUTER

The **TITAN** is a powerful work-horse for the most demanding Wi-Fi networks. Built with a 1GHz Dual-Core Processor, 14 high power amplifiers, and 4 high gain antennas, the **TITAN** delivers superior Wi-Fi performance. It is built to provide unmatched coverage, speed, and reliability for the busiest networks with many connected devices. Blazing-fast AC1900 Wi-Fi technology provides up to 1900Mbps, making slow downloads and video buffering a thing of the past. With advanced 4 Antenna-Rx Technology, the **TITAN** provides stable and strong connections for all of your devices. Upgrade your network with the **TITAN** router to go further, move faster and do more.[2]
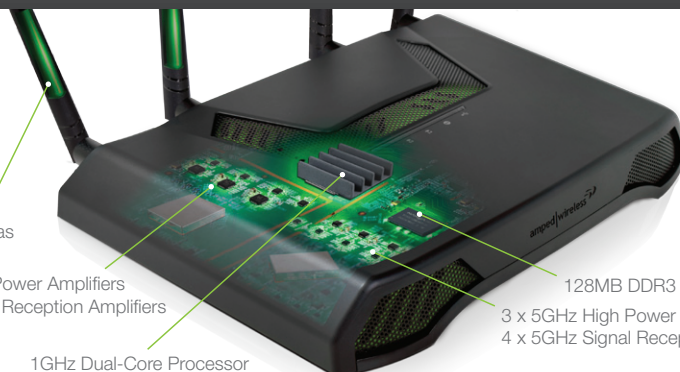
4 ANTENNA-Rx TECHNOLOGY

The **TITAN** features a unique combination of 3 transmitters with 4 receivers and 4 antennas per frequency to blanket a home or office with multiple Wi-Fi streams for unparalleled reliability, performance, and range.

TITAN
High Power
AC1900 Router

Standard
AC1900 Router

ULTIMATE RANGE

KEY FEATURES

Ultimate Wi-Fi Range
High Power Wi-Fi for whole home or whole office coverage

14 Powerful Amplifiers & 4 Antennas
Amplify Wi-Fi to the max with advanced amplifiers and 4 antennas

Blazing-Fast AC1900 Wi-Fi Speeds
Get more done with AC1900 Wi-Fi speeds:
Up to 600Mbps on 2.4GHz and 1300Mbps on 5GHz[2]

4×Rx **4 Antenna-Rx Technology**
The advanced 4 antenna reception boosting architecture strengthens connections

High Power Dual-Core Processor
A 1GHz Dual-Core Processor handles heavy traffic with ease, for the best Wi-Fi experience

Advanced Security Features
Adjust the coverage of your network, block websites and utilize SPI Firewall

Beamforming Technology
Strengthen Wi-Fi connections with focused Wi-Fi streams for each connected device

HD **Ultimate Gaming, HD & 4K**
Seamlessly stream HD and 4K content to multiple devices and eliminate gaming lag

Bandwidth Optimization
Prioritize bandwidth for specific applications, networks and devices on your network

Share Files with USB 3.0
Attach a USB drive* and instantly share files at blazing-fast speeds, locally or remotely
* USB Storage device not included.

HIGH POWER TECHNOLOGY

4 x High Gain 5dBi
Dual Band Antennas

3 x 2.4GHz High Power Amplifiers
4 x 2.4GHz Signal Reception Amplifiers

1GHz Dual-Core Processor

128MB DDR3 Memory

3 x 5GHz High Power Amplifiers
4 x 5GHz Signal Reception Amplifiers

Actual component placement and size may differ.

A total of 14 advanced amplifiers, 4 high gain antennas and a powerful 1GHz Dual-Core Processor deliver unmatched Wi-Fi performance and coverage.

TITAN
Output Power: Up to 800mW[1]

Standard Router
Up to 50mW

amped|wireless

MORE COVERAGE AND
PERFORMANCE FOR MORE DEVICES

RTA1900

PRODUCT COMPARISON

	Standard 802.11ac Router	High Power AC1750 Router **RTA1750**	*TITAN* High Power AC1900 Router **RTA1900**	*ATHENA* High Power AC2600 Router **RTA2600**
SPEED PERFORMANCE				
AC750 — 2.4GHz: 300Mbps + 5GHz: 433Mbps	●			
AC1750 — 2.4GHz: 450Mbps + 5GHz: 1300Mbps		●		
AC1900 — 2.4GHz: 600Mbps + 5GHz: 1300Mbps			●	
AC2600 — 2.4GHz: 800Mbps + 5GHz: 1733Mbps				●
OUTPUT POWER / COVERAGE				
Number of Amplifiers		12	14	16
Up to 800mW | Extreme Range		●		
Up to 800mW | Ultimate Range			●	●
ANTENNAS				
External | High Gain		●	●	●
Detachable		3	4	4
4 Antenna-Rx Technology			●	●
KEY FEATURES				
MU-MIMO Technology				●
1GHz Dual-Core Processor			●	
1.4GHz Dual-Core Processor				●
Advanced Prioritizations (QoS)			●	●
USB 3.0 Storage			●	●
USB 2.0 Storage		●	●	●
Gigabit Ports		●	●	●
Smart Security / Parental Controls		●	●	●

2.4GHz | 5GHz SIMULTANEOUS

WORKS WITH
802.11 a/b/g/n AC

TECHNICAL SPECIFICATIONS

Frequency Bands: 2.4GHz/5GHz 802.11a/b/g/n/ac
Wireless Speed: 2.4GHz 600Mbps + 5GHz 1300Mbps (simultaneous)
Processor: 1GHz Dual-Core Processor
Memory: 128MB DDR3
Amplifiers: 3 x 2.4GHz Amplifiers
3 x 5GHz Amplifiers
8 x Low Noise Amplifiers
Antennas: 4 x Detachable High Gain 5dBi Dual Band Antennas
Ports: 1 x RJ-45 10/100/1000M (WAN)
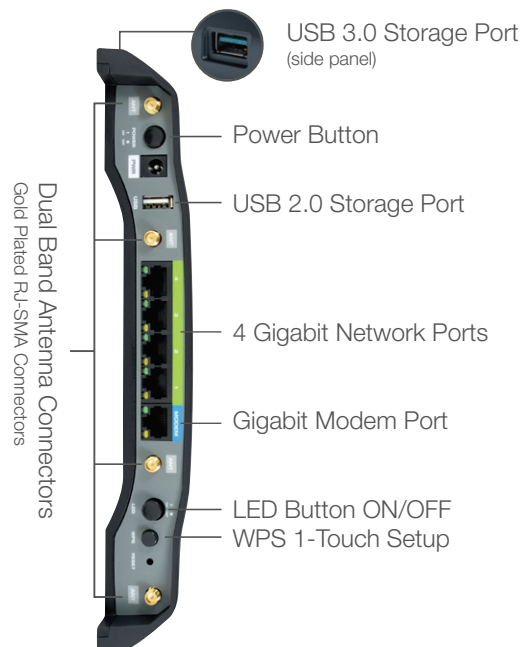4 x RJ-45 10/100/1000M (LAN)
1 x USB 3.0 Port
1 x USB 2.0 Port

PACKAGE CONTENTS
- *TITAN* High Power AC1900 Wi-Fi Router
- 4 x Detachable High Gain Dual Band Antennas
- Power Adapter (100-240v)
- RJ-45 Ethernet Cable
- Setup Guide
- CD: User's Guide & Installation Video

SYSTEM REQUIREMENTS
- Broadband Internet modem with Ethernet port
- Computer with wired or wireless network adapter

USB 3.0 Storage Port (side panel)
Power Button
USB 2.0 Storage Port
4 Gigabit Network Ports
Gigabit Modem Port
LED Button ON/OFF
WPS 1-Touch Setup
Dual Band Antenna Connectors Gold Plated RJ-SMA Connectors

Designed by Amped Wireless in the USA

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Chino Hills, CA 91709

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1 (888) 573-8830

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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 600Mbps for 2.4GHz and 1300Mbps 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. AC1900 wireless speeds are achieved when connecting to other AC1900 capable devices.

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