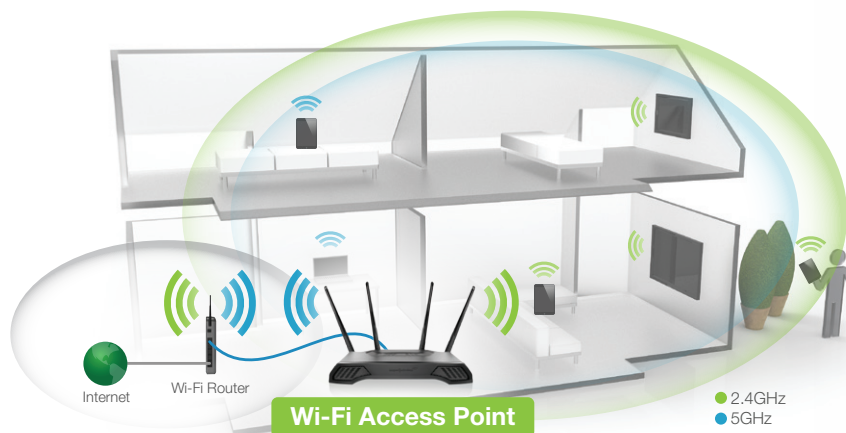# amped | wireless

TITAN-AP
HIGHPOWER™ AC1900 WI-FI® ACCESS POINT

ULTIMATE RANGE

The **TITAN-AP** adds long range Wi-Fi access to an existing network. Built with a 1GHz Dual-Core Processor, 14 high power amplifiers, and 4 high gain antennas, the **TITAN-AP** delivers superior Wi-Fi performance with ultimate coverage. It is built to provide unmatched coverage, speed, and reliability for the busiest networks. 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-AP** provides stable and strong connections for all of your devices. Plug and Play set up makes it easy to install. Upgrade your network with the **TITAN-AP** to go further, move faster and do more.[2]

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

Guest Networks & User Access
Create up to 8 networks for guests and restrict access to specific users

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

Wi-Fi Coverage Control
Adjust the distance of your extended Wi-Fi network for more control

Gigabit Network Ports
Includes a 4-port gigabit switch for adding additional wired devices

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.

HOW IT WORKS

The **TITAN-AP** instantly adds ultimate Wi-Fi performance and coverage to any existing network by attaching to a router or network switch and blanketing a home or office with blazing-fast Wi-Fi.

Internet — Wi-Fi Router — **Wi-Fi Access Point**

● 2.4GHz
● 5GHz

HIGH POWER TECHNOLOGY
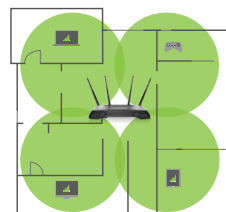

4 x High Gain 5dBi Dual Band Antennas

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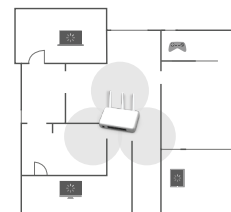4 x 2.4GHz Signal Reception Amplifiers

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 amplifiers, a powerful 1GHz Dual-Core Processor and 4 Antenna-Rx Technology deliver unprecedented performance, reliability and coverage.

TITAN-AP   **Standard Access Point**

PRODUCT COMPARISON

	High Power N300 Wi-Fi Access Point **AP300**	High Power N600 Wi-Fi Access Point **AP20000G**	High Power AC1200 Wi-Fi Access Point **APA20**	**TITAN-AP** High Power AC1900 Access Point **APA1900**
SPEED PERFORMANCE				
N300 — 2.4GHz: 300Mbps	●			
N600 — 2.4GHz: 600Mbps		●		
AC1200 — 2.4GHz: 600Mbps + 5GHz: 600Mbps			●	
AC1900 — 2.4GHz: 600Mbps + 5GHz: 1300Mbps				●
OUTPUT POWER / COVERAGE				
Number of Amplifiers	4	8	10	14
Up to 100mW | Good Range	●			
Up to 600mW | Great Range		●		
Up to 700mW | Extreme Range			●	
Up to 800mW | Ultimate Range				●
ANTENNAS				
External | High Gain	●	●	●	●
Detachable	2	2	3	4
4 Antenna-Rx Technology				●
KEY FEATURES				
1GHz Dual-Core Processor				●
USB 3.0 Storage				●
USB 2.0 Storage			●	●
Gigabit Ports		●	●	●
User Access Controls	●	●	●	●
Guest Networks	●	●	●	●
Wi-Fi Coverage Controls	●	●	●	●

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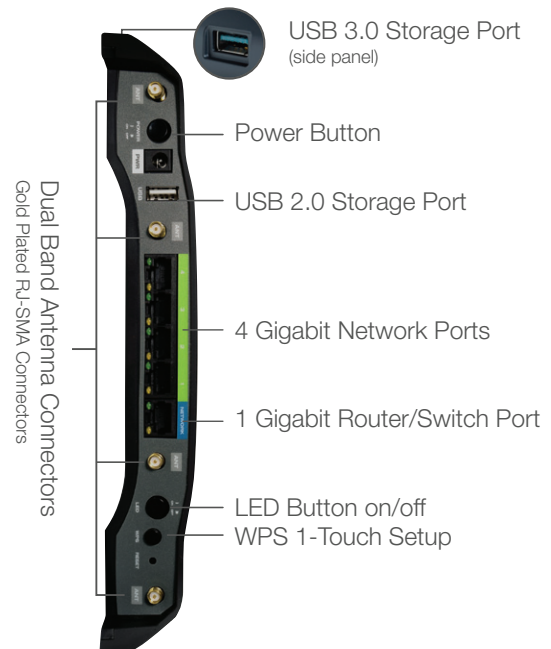- 4 x Detachable High Gain Dual Band Antennas
- Power Adapter (100-240v)
- RJ-45 Ethernet Cable
- Setup Guide
- CD: User's Guide

SYSTEM REQUIREMENTS

- Router or network switch with an available network (LAN) 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

1 Gigabit Router/Switch Port

LED Button on/off
WPS 1-Touch Setup

Dual Band Antenna Connectors
Gold Plated RJ-SMA Connectors

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.

Wi-Fi, Wi-Fi Protected Setup, and WPA2 are either registered trademarks or trademarks of the Wi-Fi Alliance.