

ATHENA-AP HIGH POWER™ AC2600 WI-FI® ACCESS POINT

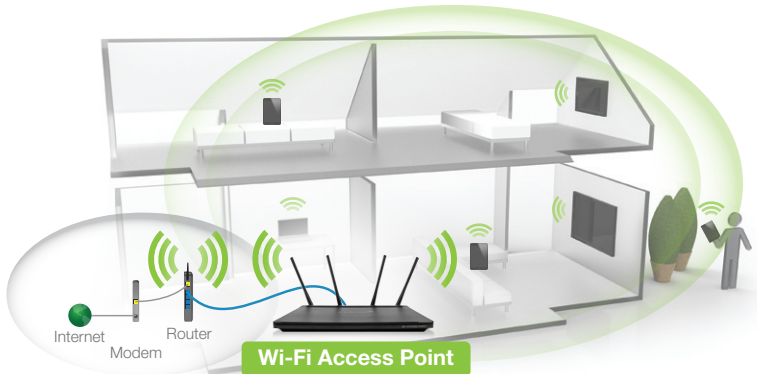
WITH MU-MIMO

The ATHENA-AP is the ultimate Wi-Fi Access Point for the multi-device household. It adds whole home Wi-Fi coverage to any existing Wi-Fi network. Built with a powerful 1.3GHz Quad-Core Processor, 16 high power amplifiers, and 4 high gain antennas, the ATHENA-AP delivers unrivaled Wi-Fi performance. It is designed to provide unmatched range, speed, and reliability for the most demanding networks with many connected devices. Incredibly fast AC2600 Wi-Fi technology provides up to 2.53Gbps, making lag and buffering a thing of the past for everyone. The ATHENA-AP also features cutting edge MU-MIMO technology that enables multiple devices to receive data at once, granting uninterrupted streaming for all. Get rid of your Wi-Fi dead zones, stream movies and shows with ease, and be free with your mobile devices. Whole-home Wi-Fi is here, with the ATHENA-AP.



HOW IT WORKS

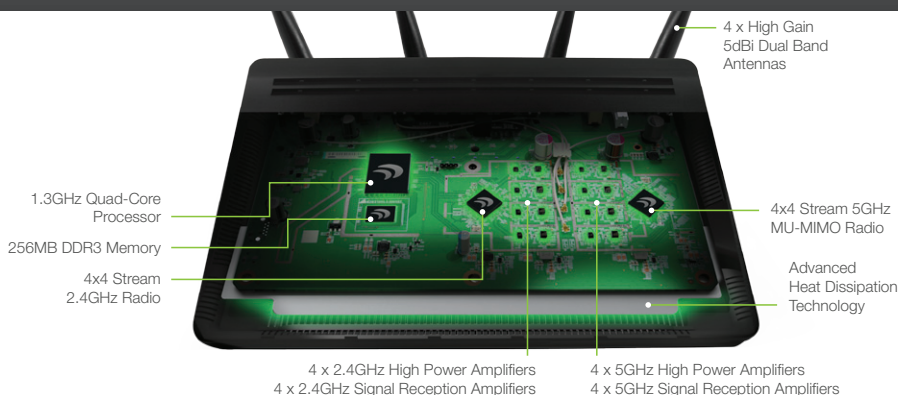
The **ATHENA-AP** instantly adds unmatched Wi-Fi performance and coverage to any existing network by attaching to a router or network switch and blanketing a home or office with blazing-fast Wi-Fi.



KEY FEATURES

- Maximum Wi-Fi Range**
High Power Wi-Fi for whole home or whole office coverage
- 16 Powerful Amplifiers & 4 Antennas**
Amplify Wi-Fi to the max with advanced amplifiers and 4 high gain antennas
- Advanced Multi-User MIMO**
Deliver data to multiple devices at once for a boost in performance and up to 4X more speed²
- Unmatched AC2600 Wi-Fi Speeds**
Move faster than ever with speeds up to 2.53Gbps: 2.4GHz 800Mbps + 5GHz 1733Mbps³
- 4x4** **4 Antenna Technology**
The advanced 4 antenna, 4 stream architecture strengthens connections & covers more ground
- High Power Quad-Core Processor**
A 1.3GHz quad-core processor handles heavy traffic with ease, for the best Wi-Fi experience
- Wi-Fi Coverage Control**
Adjust the distance of your extended Wi-Fi network for more control
- Beamforming Technology**
Strengthen Wi-Fi connections with focused Wi-Fi streams for each connected device
- 4K** **Ultimate Gaming, HD & 4K**
Seamlessly stream HD and 4K content to multiple devices and eliminate gaming lag
- Gigabit Network Ports**
Includes a 4-port gigabit switch for adding additional wired devices
- Share Files with USB 3.0**
Attach a USB drive* to share files, locally or remotely, at faster speeds than ever before
* USB Storage device not included.

HIGH POWER TECHNOLOGY



Standard APs stream data to just one device at a time, but the ATHENA-AP with MU-MIMO streams data to multiple devices at once. This means faster Wi-Fi.²



ATHENA-AP
with MU-MIMO



Standard Access Point

PRODUCT COMPARISON

High Power Wireless-N Access Point
AP300

High Power AC1300 Access Point
APA1300M

TITAN-AP High Power AC1900 Access Point
APA1900

ATHENA-AP High Power AC2600 Access Point
APA2600M

SPEED PERFORMANCE

N300 N Speeds	●			
AC1300 Dual Band N+AC Speeds		●		
AC1900 Dual Band N+AC Speeds			●	
AC2600 Dual Band N+AC Speeds				●

COVERAGE

Good Range	●			
Extreme Range		●		
Ultimate Range			●	●

ANTENNAS

External	2	2	4	4
High Gain	●	●	●	●
4 Antenna Technology			●	●

KEY FEATURES

4X Stream Wi-Fi				●
MU-MIMO Technology		●		●
Dual-Core Processor			●	
Quad-Core Processor		●		●
Wi-Fi Coverage Controls	●	●	●	●
USB 2.0 Storage			●	●
USB 3.0 Storage		●	●	●
Gigabit Ports		4	4	4
User Access / Guest Networks	●	●	●	●

TECHNICAL SPECIFICATIONS

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

Wireless Speed: 2.4GHz 800Mbps +

5GHz 1733Mbps (simultaneous)

Processor: High Power 1.3GHz Quad-Core Processor

Memory: 128MB Flash, 256 DDR3

Amplifiers: 4 x 2.4GHz Amplifiers

4 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 (Network)

4 x RJ-45 10/100/1000M (LAN)

1 x USB 3.0 Port

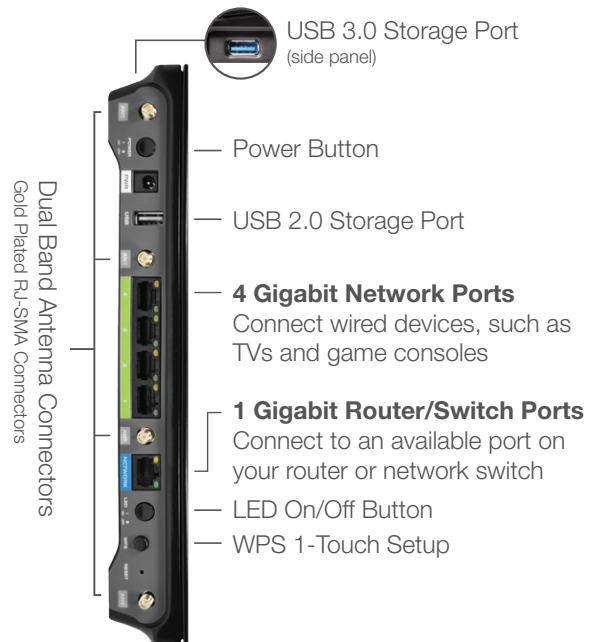
1 x USB 2.0 Port

PACKAGE CONTENTS

- **ATHENA-AP** High Power AC2600 Wi-Fi Access Point with MU-MIMO
- 4 x Detachable High Gain Dual Band Antennas
- Power Adapter (100-240v)
- Setup Guide

SYSTEM REQUIREMENTS

- A router or network switch with an available network (LAN) port
- Computer with wired or wireless network adapter



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.

⁴ For MU-MIMO to work, additional MU-MIMO capable devices must be connected to the network. To achieve the "up to 3X" data rate increase, three or more 1x1 MU-MIMO devices are needed with optimal network environment conditions. For the latest MU-MIMO functionality, a firmware upgrade may be required.

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