

ATHENA-EX HIGHPOWER™ AC2600 WI-FI® RANGE EXTENDER





WITH MU-MIMO

The **ATHENA-EX** is the most powerful range extender available today and is designed for multi-device households. Built with a powerful Dual-Core Processor, 16 high power amplifiers, and 4 high gain antennas, the **ATHENA-EX** delivers up to 15,000 square feet of additional Wi-Fi coverage. 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.² The **ATHENA-EX** also features cutting edge MU-MIMO technology that enables multiple devices to receive data at once, granting uninterrupted streaming for all.⁴



UP TO 15,000 SQ FT*

KEY FEATURES

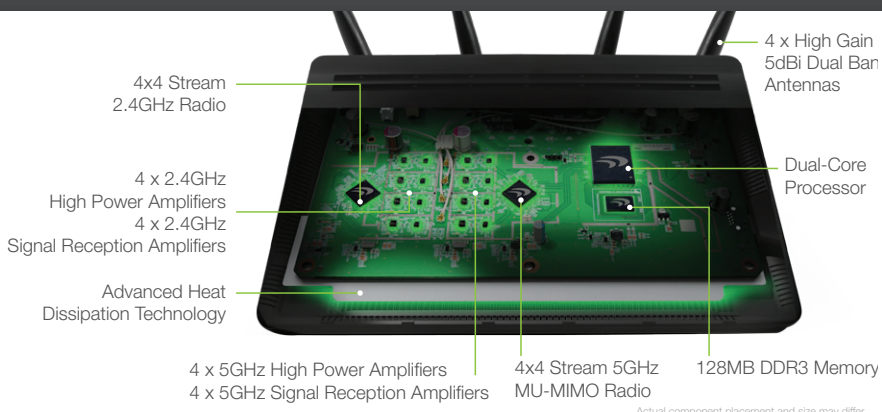
-  Up to 15,000 Sq Ft of Coverage
Bring long range, reliable Wi-Fi to your entire home or office
-  Eliminate Wi-Fi Dead Spots
Amplify Wi-Fi to the max with 16 amplifiers and 4 high gain antennas
-  AC2600 Wi-Fi Speeds + MU-MIMO
Move faster on all devices with speeds up to: 2.4GHz 800Mbps + 5GHz 1733Mbps²
- 4x4** 4 Antenna Technology
The advanced 4 antenna, 4 stream architecture strengthens connections & covers more ground
-  High Power Dual-Core Processor
A Dual-Core Processor handles heavy traffic with ease, for the best Wi-Fi experience
-  BoostBand™ Technology
Streamline Wi-Fi traffic and increase speeds by up to 2X¹
-  Wi-Fi Coverage Control
Adjust the distance of your extended Wi-Fi network for more control
-  Guest Networks & User Access
Adjust the distance of your extended Wi-Fi network for more control
-  AirPlay®, AirPrint™, & Home Sharing
Compatible with all Apple networking features
-  Share Files with USB 3.0
Attach a USB drive* to instantly share files, locally, at blazing-fast speeds
* USB Storage device not included.

HOW IT WORKS

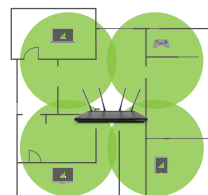
The **ATHENA-EX** expands the range of any standard Wi-Fi router by repeating the signal (2.4GHz and/or 5GHz) and redistributing it in a new, extended location at blazing-fast speeds.



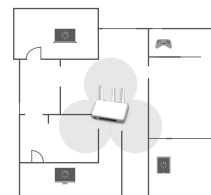
HIGH POWER TECHNOLOGY



A total of 16 amplifiers, a powerful Dual-Core Processor and 4 Antenna Technology deliver unprecedented performance, reliability and coverage.



ATHENA-EX
4 Antenna-Rx Technology
Up to 800mW of Power¹
5dBi Antenna Gain



Standard Extender
Up to 50mW of Power
1dBi Antenna Gain

PRODUCT COMPARISON

High Power AC1300 Range Extender
RE1300M

High Power AC1750 Plug-In Range Extender
REC33A

TITAN-EX High Power AC1900 Range Extender
RE1900A

ATHENA-EX High Power AC2600 Range Extender
RE2600M

SPEED PERFORMANCE

AC1300 Dual Band N+AC Speeds	●			
AC1750 Dual Band N+AC Speeds		●		
AC1900 Dual Band N+AC Speeds			●	
AC2600 Dual Band N+AC Speeds				●

OUTPUT POWER / COVERAGE

Up to 600mW 10,000 sq ft		●		
Up to 800mW 12,000 sq ft	●			
Up to 800mW 14,000 sq ft			●	
Up to 800mW 15,000 sq ft				●

ANTENNAS

External Detachable	1	3	4	4
Dual Band	●	●	●	●
4 Antenna Technology			●	●

KEY FEATURES

Discreet Plug-In Design		●		
Signal Strength LED		●	●	●
Universal: Works with All Routers ³	●	●	●	●
Gigabit Wired Ports	1	5	5	4
Power Processor	●	●	●	●
Dual-Core Processor			●	●
USB 2.0 Storage			●	●
USB 3.0 Storage				●

TECHNICAL SPECIFICATIONS

Frequency Bands: 2.4GHz/5GHz 802.11a/b/g/n/ac
Wireless Speed: 2.4GHz 800Mbps +
5GHz 1733Mbps (simultaneous)

Processor: Dual-Core
Memory: 128MB DDR3
Amplifiers: 4 x 2.4GHz Amplifiers
4 x 5GHz Amplifiers
8 x Low Noise Amplifiers

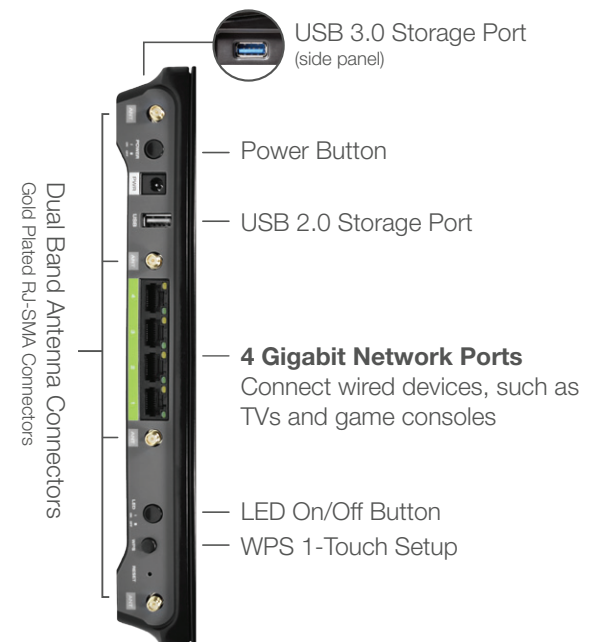
Antennas: 4 x Detachable High Gain 5dBi Dual Band Antennas
Ports: 4 x RJ-45 10/100/1000M (LAN)
1 x USB 3.0 Port
1 x USB 2.0 Port

PACKAGE CONTENTS

- **ATHENA-EX** High Power AC2600 Wi-Fi Range Extender with MU-MIMO
- 4 x Detachable High Gain Dual Band Antennas
- Power Adapter (100-240v)
- Setup Guide
- CD: User's Guide & Installation Video

SYSTEM REQUIREMENTS

- 2.4GHz or 5GHz 802.11a/b/g/n or ac Wi-Fi Network
- Computer, tablet or smartphone with Wi-Fi access and a web browser



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. 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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