ARTEMIS-AP
HIGH POWER™ AC1300 WI-FI® ACCESS POINT WITH MU-MIMO

The **ARTEMIS-AP** is a powerful access point, specially designed for multi-device households. Built with a powerful Quad-Core Processor, 8 high power amplifiers, and 2 high gain antennas, the ARTEMIS-AP adds whole-home Wi-Fi access to an existing network. It is engineered to provide unmatched range and reliability for the most demanding networks with many connected devices. Ultra-fast AC1300 Wi-Fi technology provides up to 399Mbps 2.4GHz speeds and up to 866Mbps 5GHz speeds, making lag and buffering things of the past. The ARTEMIS-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 coverage is here, with the ARTEMIS-AP.
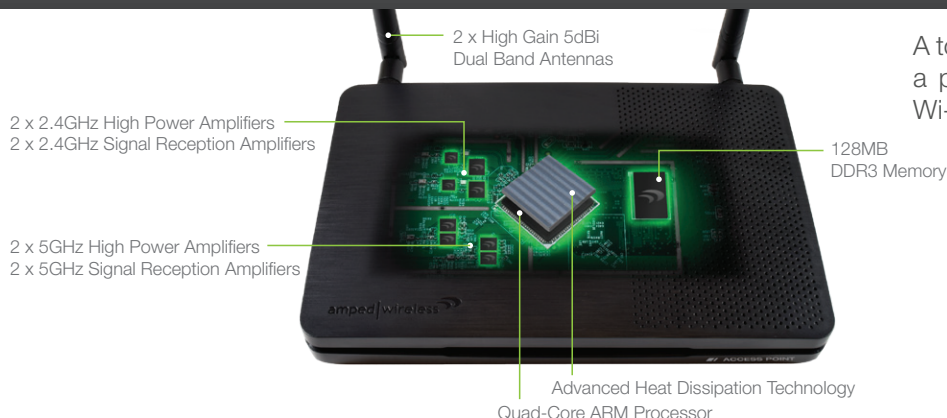
HOW IT WORKS

The **ARTEMIS-AP** instantly adds extreme 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

EXTREME WI-FI RANGE

EXTREME WI-FI COVERAGE

KEY FEATURES

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

8 Powerful Amplifiers & 2 Antennas
Amplify Wi-Fi to the max with advanced amplifiers and external antennas

Ultra-Fast AC1300 Speeds
Get more done with AC1300 Wi-Fi speeds:
Up to 399Mbps 2.4GHz & 866Mbps 5GHz[2]

Multi-User MIMO
Deliver data to multiple devices at once for a boost in performance and speed[4]

High Power Quad-Core Processor
A 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

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

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

AirPlay®, AirPrint™, & Home Sharing
Compatible with all Apple networking features

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

2 x High Gain 5dBi Dual Band Antennas

2 x 2.4GHz High Power Amplifiers
2 x 2.4GHz Signal Reception Amplifiers

2 x 5GHz High Power Amplifiers
2 x 5GHz Signal Reception Amplifiers

128MB DDR3 Memory

Advanced Heat Dissipation Technology
Quad-Core ARM Processor

A total of 8 advanced amplifiers, 2 high gain antennas and a powerful Qual-Core processor deliver unprecedented Wi-Fi performance and coverage.

ARTEMIS-AP
Output Power: Up to 800mW[1]

Standard Access Point
Up to 50mW

PRODUCT COMPARISON

	Standard Access Point	High Power Dual Band Access Point **AP20000G**	**ARTEMIS-AP** High Power AC1300 Access Point **APA1300M**	**TITAN-AP** High Power AC1900 Access Point **APA1900**
SPEED PERFORMANCE				
N300 Dual Band N Speeds	●			
N600 Dual Band N Speeds		●		
AC1300 Dual Band N+AC Speeds			●	
AC1900 Dual Band N+AC Speeds				●
OUTPUT POWER / COVERAGE				
Number of Amplifiers		6	8	14
Up to 600mW | Great Range		●		
Up to 800mW | Extreme Range			●	
Up to 800mW | Ultimate Range				●
ANTENNAS				
External | High Gain		2	2	4
Detachable		●	●	●
4 Antenna Technology				●
KEY FEATURES				
MU-MIMO Technology			●	
Power Processor			●	●
USB 3.0 Storage			●	●
USB 2.0 Storage		●		●
Gigabit Ports		4	4	4
Guest Networks		●	●	●
Wi-Fi Coverage 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 399Mbps +
                5GHz 866Mbps (simultaneous)
Processor: Quad-Core Processor
Memory: 128MB DDR3
Amplifiers: 2 x 2.4GHz Amplifiers
                2 x 5GHz Amplifiers
                4 x Low Noise Amplifiers
Antennas: 2 x Detachable High Gain 5dBi Dual Band Antennas
Ports: 1 x RJ-45 10/100/1000M (Network)
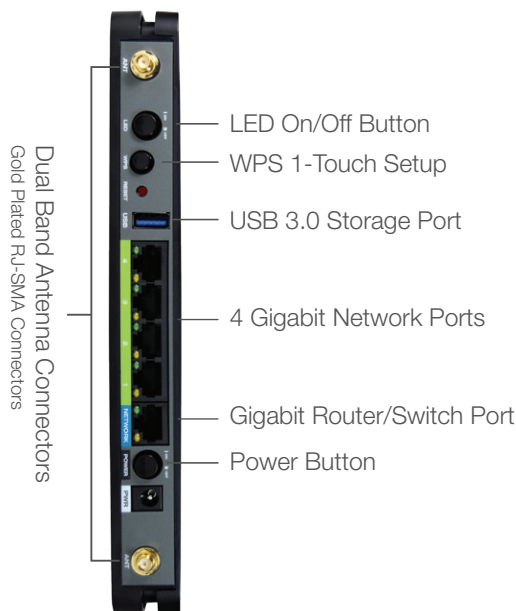   4 x RJ-45 10/100/1000M (LAN)
            1 x USB 3.0 Port

PACKAGE CONTENTS

- **ARTEMIS-AP** High Power AC1300 Wi-Fi Access Point with MU-MIMO
- 2 x Detachable High Gain Dual Band Antennas
- Power Adapter (100-240v)
- RJ-45 Ethernet Cable
- Setup Guide

SYSTEM REQUIREMENTS

- A router or network switch with an available network (LAN) port
- Computer, tablet or smartphone with a web browser

Dual Band Antenna Connectors
Gold Plated RJ-SMA Connectors

- LED On/Off Button
- WPS 1-Touch Setup
- USB 3.0 Storage Port
- 4 Gigabit Network Ports
- Gigabit Router/Switch Port
- Power Button

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 399Mbps for 2.4GHz and 866Mbps 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. AC1300 wireless speeds are achieved when connecting to other AC1300 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.

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

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