amped | wireless

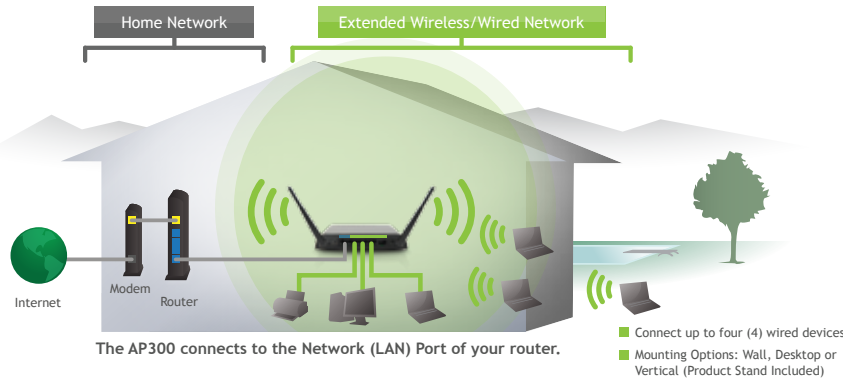# High Power Wireless-300N Smart Access Point

AP300

The Amped Wireless High Power Wireless-300N Smart Access Point adds long range, high speed wireless access for existing wired networks or networks with older wireless technology. With the latest 802.11n 300Mbps MIMO technology, high power amplifiers and high gain antennas, the AP300 provides up to 5,000 sq ft of wireless coverage. The Smart Access Point features 4 wired ports for connecting additional wired computers, printers and other network devices. With Smart Security features, creating a safe and reliable wireless network environment has never been easier. True Plug and Play set up, makes setup as simple as connecting the AP300 to your router's network port. No software or additional setup needed.

How it Works:

The High Power Wireless-300N Smart Access Point adds wireless access to any existing network by attaching to your router or network switch.

Home Network

Extended Wireless/Wired Network

Internet

Modem   Router

The AP300 connects to the Network (LAN) Port of your router.

- Connect up to four (4) wired devices
- Mounting Options: Wall, Desktop or Vertical (Product Stand Included)
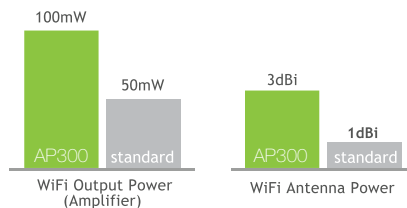
Advanced Amped Technology:

High Gain Antennas

Amplifer Inside

High Power Amplifiers and Antennas boost wireless performance
(See comparison to standard Wi-Fi devices below)

100mW

50mW

AP300   standard

WiFi Output Power
(Amplifier)

3dBi

1dBi

AP300   standard

WiFi Antenna Power

Up to **3x** the wireless range of standard access points

PLUS
WIRELESS COVERAGE

5,000 SQ FT*

Key Features

300 Mbps — **High Power, High Speed Wireless**
Add long, range high speed 300Mbps MIMO WiFi access to your existing network

Wall Penetrating WiFi
Easily penetrate walls and cover large areas with amplified WiFi

Smart Security Features
Secure your network with the latest WiFi security technologies and features

4 — **4 Wired Ports**
Connect additional wired devices, such as PCs and printers to your network

Plug and Play: No Setup Required
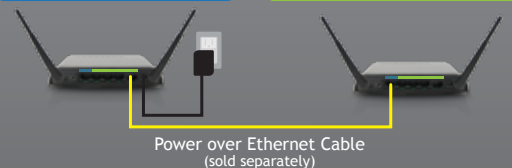Wizard automatically configures the connection to your router

Plug and Play: No Setup Required

1 Connect the Access Point to your router's network port.

2 The Access Point will automatically configure itself for your network.

3 Connect to the Access Point wired or wirelessly. That's it!

Power over Ethernet Compatible

Main Access Point
Power Adapter Required

Additional Access Point
Power Adapter **NOT** Required

Power over Ethernet Cable
(sold separately)

Use Power over Ethernet to install additional Smart Access Points in locations without easy access to power outlets.

Product Feature Set & Performance Comparison:

	AP300	Standard Access Point
SPEED PERFORMANCE		
150Mbps — Wireless-N Data Speed		●
300Mbps — Wireless-N Data Speed	●	
COVERAGE		
Limited / 50mW		●
Good / 100mW	●	
High Gain Antennas	●	
Upgradeable Antennas	●	
FEATURES		
4 Wired Ports	●	
No Setup Required	●	
PoE Ready	●	
SMART SECURITY		
Wireless Coverage Controls	●	
WiFi On/Off Schedule	●	
User Access Restrictions	●	

To Router/Switch

Includes 4 wired ports for connecting PCs, printers, and other network devices.

Technical Specifications:

Wireless Standard: 802.11n, 802.11b/g

Frequency Band: 2.4 GHz

Wireless Speed: 300Mbps (Rx), 300Mbps (Tx)

Amplifier: Low Noise Amplifier

Wireless Sensitivity: -93dBm

Wireless Output Power: Up to 20 dBm

Wireless Security: WEP, WPA, WPA2, WPA Mixed, WPS

Wireless Access Scheduling: Specific day and time

Wireless Coverage Control: 15% - 100% Output Power

Antennas:
• 2 x Detachable High Gain 3dBi Antennas
• 2 x Reverse SMA Connectors

Ports:
• 1 x RJ-45 Network Port (Link to Router)
• 4 x RJ-45 LAN Ports (Additional wired connections)

Mounting:
• Wall, Stand or Desktop

Warranty: 1 Year

Setup Requirements:

A router or network switch with an available network (LAN) port

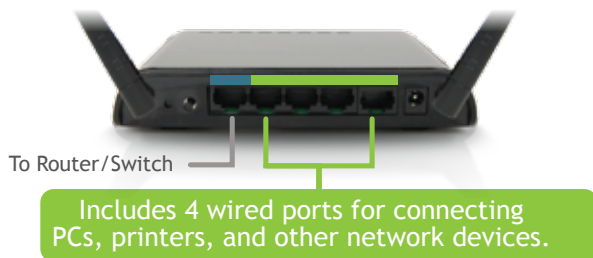## Product Contents:

High Power Wireless-300N Smart Access Point

Two Detachable 3dBi High Gain Antenna

RJ-45 Ethernet Cable

Setup Guide

CD: User's Manual

Stand for vertical mounting