

## AirStation HighPower N600 Gigabit Dual Band Wireless Router

Buffalo's AirStation HighPower N600 Gigabit Dual Band Wireless Router WZR-HP-AG300H is a versatile dual band solution, ideal for the home and small office environments. Offering simultaneous wireless operation on both 2.4 GHz and 5 GHz bands, the WZR-HP-AG300H is perfect for streaming HD movies, music and e-mailing from multiple devices at the same time. Coupled with HighPower technology, including an onboard power amplifier and optimized antennae, the WZR-HP-AG300H provides exceptional range and increased performance at range. With five gigabit ports and wireless speeds up to 300 Mbps\* on each band, the WZR-HP-AG300H upgrades any existing wireless connection and provides greater coverage than traditional 802.11n. Additionally, WZR-HP-AG300H can be configured as an access point to create a wireless network on an existing network or two units can be used to create a dedicated, high-performance Wireless-N bridge or repeater, great for extending the range of existing wireless networks.



WZR-HP-AG300H

## Wirelessly connect to the Internet:



- Send Email
- Download Music
- Stream Video
- Surf the Web & More!



## Dual Band 2.4 GHz & 5 GHz



Two available simultaneous bands for greater networking capabilities

## Features and Benefits

**HighPower Wireless Design:** Enhanced signal strength and range

**Supports Multiple Wireless Standards:** Creates 802.11n (2.4GHz / 5GHz), 802.11a, 802.11g and 802.11b networks

**HighSpeed Wireless Performance:** Up to 300 Mbps\*

**Powered by DD-WRT:** Optimize wireless performance, security and routing options

**Wi-Fi Certified™:** Ensures compatibility with other certified devices

**2X2 MIMO Antenna Configuration:** Powerful and performance oriented

**True VPN Endpoint:** Access your network from anywhere in the world

**Wireless Distribution System (WDS):** Extend your wireless network across access points

**Gigabit Ethernet Ports:** Allows up to 4 simultaneous wired connections

**Adjustable Antennae:** Eliminate dead spots by fine-tuning your antenna positioning

**Push-button Setup with AOSS™:** Wirelessly connect other AOSS devices with the push of a button

**Multi-level Wireless Security Support:** WPA2(TKIP, AES), WPA-PSK (TKIP, AES), and WEP (128/64-bit)

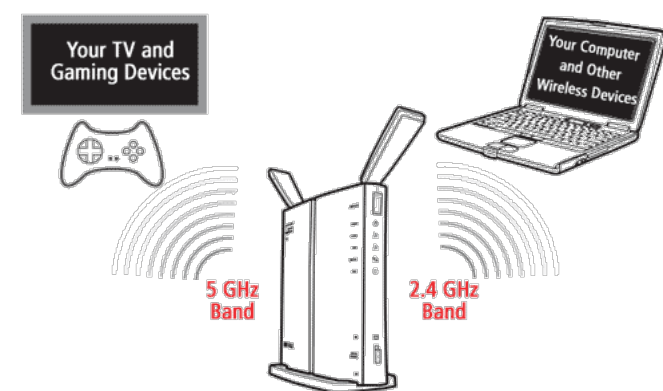
**Bridging and Repeating:** Includes external switch to change between router and access point modes

**FTP Server:** FTP Server feature via USB storage port

**Easy Setup:** Simple to install and use - even for the novice user

**Eco Minded:** Energy saving feature reduces power consumption by 80%

**Flexible Placement:** Position vertically, horizontally or wall mounted



802.11n dual band support allows maximum performance and compatibility providing interference free connectivity, great for wireless video streaming, gaming and other high performance uses.

## HighPower Technology



## WZR-HP-AG300H

### SPECIFICATIONS



#### Wireless LAN Interface

Standard Compliance	IEEE802.11n, IEEE802.11a, IEEE802.11g, IEEE802.11b
Frequency Range	Concurrent dual-band 2.4 GHz / 5 GHz support
Access Mode	Infrastructure Mode
Antenna (Tx x Rx)	2 x 2
Security	WPA2(AES, TKIP), WPA-PSK (AES, TKIP), 128/64-bit WEP

#### Wired LAN Interface

Speed and Flow Control	10/100/1000 Mbps, Auto-Sensing, Auto MDIX
Number of LAN Ports	4 x RJ-45
Number of WAN Ports	1 x RJ-45
WAN Security	VPN Pass Through, SPI, Dynamic Packet Filtering

#### USB Interface

Standard Compliance	USB 2.0
Connector Type	A type
Number of Ports	1

#### Other

OS Compatibility	Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit), Windows® XP, Windows® 2000, Mac OS® X 10.4 - 10.7**
Dimensions (WxHxD in.)	1.4 x 6.5 x 6.2
Weight (oz.)	11.65
Power Consumption	Max. 13.2 W
Operating Environment	32-104° F, 20-80% (non-condensing)
Power Supply	External, AC 100-240 V input, 12 V DC output



\*300 Mbps is the maximum wireless signal rate derived from IEEE 802.11n standard specifications. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead.

\*\*AOSS support requires use of Buffalo Client Manager software which is only compatible with Windows® systems. Some initial setup utilities only work with Windows systems.

## About Buffalo

[www.buffalotech.com](http://www.buffalotech.com)

Buffalo Technology (USA), Inc., based in Austin, Texas, is a leading global provider of award-winning networking, storage and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.