

## Wireless-N Router & Access Point



**WHR-G300N**

The AirStation NFINITI Wireless-N Router & Access Point WHR-G300N is the ideal solution to connect your PCs and laptops wirelessly to the Internet. It is best suited for the home and small office environment. It is perfect for streaming multimedia content, such as HD movies or music, lets you download images or send and receive e-mail from multiple PCs simultaneously. With speeds of up to 300Mbps, the Wireless-N Router and Access Point is also ideal to upgrade an existing wireless network, providing greater speed and coverage than Wireless-G.



## Wirelessly connect to the internet:



- Send Email
- Download Music
- Surf Web and more

## Wireless Distribution System (WDS)



Extend coverage of your wireless network by interconnecting multiple access points



**5 Ethernet Ports**  
Up to 4 simultaneous wired devices and your broadband modem

## Features and Benefits

- Designed to 802.11n standard specifications
- Wi-Fi Certified™ to insure compatibility with other certified devices
- MovieEngine QoS feature to prioritize streaming traffic
- Wireless Distribution System (WDS) extends your wireless network across access points¹
- Wireless connections up to 300 Mbps\*
- Greater coverage compared to standard 802.11g
- Push-button Setup with AirStation One-Touch Secure System (AOSS)
- Enhanced multi-level security with WPA2, WPA-PSK (AES, TKIP) and 128/64-bit WEP
- Simple Web Browser configuration, no drivers needed
- Includes external switch to change between router and access point modes
- Built-in 4-port Ethernet 10/100 auto-sensing switch for up to 4 simultaneous wired connections
- Built-in WAN port
- Position vertically, horizontally or wall mounted

## Push-button Wireless Setup with AOSS



## USAGE GUIDE

	COVERAGE	
	Wireless-G	NFINITI
	SPEED	
Internet	●	●
Email	●	●
Music	●	●
Internet Phone	●	●
Video	●	●
Gaming	●	●

## WHR-G300N



### SPECIFICATIONS

#### Wireless LAN Interface

Standard Compliance	IEEE802.11n, IEEE802.11g, IEEE802.11b
Frequency Range	2,412 - 2,462 MHz
Access Mode	Infrastructure mode
Antenna (Tx x Rx)	2 x 2
Security	WPA2-PSK (AES, TKIP), WPA-PSK (AES, TKIP), 128/64-bit WEP

#### Wired LAN Interface

Speed and Flow Control	10/100 Mbps, Auto-Sensing, Auto MDIX
Number of LAN Ports	4 x RJ-45

#### Wired WAN Interface

Speed and Flow Control	10/100 Mbps, Auto-Sensing, Auto MDIX
Number of WAN Ports	1 x RJ-45

#### Other

OS Compatibility	Windows Vista® (32-bit), Windows® XP, Windows® 2000
Dimensions (WxHxD in.)	5.5 x 5.0 x 1
Weight (oz)	7
Power Consumption	Max. 6W
Operating Environment	32-104°F, 20-80% (non-condensing)
Power Supply	External AC100-240V, 50/60Hz



*\*300 Mbps is the maximum wireless signal rate derived from IEEE 802.11n standard 2.0 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.*

## 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.