

Wireless-N Dual Band Gigabit Router & Access Point



The Buffalo Nfiniti Dual Band Gigabit Router & Access Point is designed to draft 1.0 of the IEEE802.11n standard. It provides ultimate connectivity for your Wireless world. It is fast, versatile and now offers a built-in auto sensing 4-port 10/100/1000 gigabit switch. For deployments within a local network this router can even handle gigabit speeds on the WAN port.



Wireless-N Dual Band Gigabit Router & Access Point

Key Specifications

Wireless

- Designed to 802.11n Draft 1.0 Specifications
- Creates Draft 802.11n, 802.11g/b and 802.11a Wireless Networks
- Wireless connections up to 300Mbps*
- Great for high speed multimedia streaming or online gaming
- External switch to change between router and access point modes

Wireless Security

- Easy Setup with AirStation One-Touch Secure System (AOSS™)
- Supports WPS, WPA2, WPA (TKIP, AES) and 128/64-bit WEP Security

Router/Firewall

- Simple web browser configuration
- Smart router feature automatically detects and sets up your cable or DSL internet connection
- Includes NAT/SPI Firewall and intrusion detector
- 4-port 10/100/1000 Auto-Sensing gigabit switch
- Built-in DHCP server
- Optimized high speed routing, up to 10X faster than standard routers
- Support for IPv6

Special Features

- Microsoft® Windows® Vista™ Premium Certified
- Intel® Viiv™ Technology-Verified Router
- Supports Intel® Hub Connect Technology
- Works seamlessly with Nintendo® DS™ Wi-Fi connection

Dual Band Support



Simultaneously Creates Draft 802.11n, 802.11g/b and 802.11a Wireless Networks

Designed to Stream

5GHz / 802.11a

- HD Video
- Movies
- Music
- Voice Calls (VoIP)
- Online Gaming

2.4Hz / 802.11b/g

- Email
- Web Browsing
- Transferring Photos & Data



SPECIFICATIONS

Wireless LAN Interface	
Standard Compliance	Draft IEEE802.11n, IEEE802.11b, IEEE802.11g, IEEE802.11a
Frequency Range	2.412 - 2.462GHz: Draft IEEE802.11n, IEEE802.11g, IEEE802.11b 5.180 - 5.320GHz: IEEE802.11a
Access Mode	Infrastructure Mode
Antenna	3 (external)
Wireless Security	WPA2, WPA-PSK (TKIP, AES), 128/64-bit WEP, MAC Address Registration
Adjustable Output Power	Yes
Wired LAN Interface	
Standards Compliance	IEEE802.3ab (100BASE-T), IEEE802.3u (100BASE-TX), IEEE802.3 (10 BASE-T)
Data Transfer Rates	10/100/1000Mbps
Number of Ports	4
Connector Type	RJ-45
WAN Interface	
Standards Compliance	IEEE802.3ab (100BASE-T), IEEE802.3u (100BASE-TX), IEEE802.3 (10 BASE-T)
Data Transfer Rates	10/100/1000Mbps
Speed and Flow Control	Auto Sensing, Auto MDIX, High-Speed Routing to Support FTTH
Number of Ports	1
Connector Type	RJ-45
WAN Port Security	Dynamic Packet Filtering, Intrusion Detector, NAT/SPI Firewall
Other	
Dimensions (WxDxH)	211 x 175 x 51mm
Weight	635g
Setup Utility OS Support	Windows® Vista™, Windows® XP, Windows® 2000, Windows® 98, Windows® Me
Power	12W
Power Supply	External, AC100-240V 50/60Hz

Part Number
WZR-AG300NH



*300Mbps is the maximum Wireless signal rate derived from IEEE 802.11n draft standard 1.0 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

Buffalo Technology UK Ltd. is a leading global provider of award-winning storage, networking, memory, 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.

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