BUFFALO™

AirStation™
N300 Dual Band

Dual Band Ethernet Converter, Access Point and Bridge

WLAE-AG300N

AirStation N300 Dual Band Wireless Ethernet Converter, Access Point and Bridge WLAE-AG300N is a versatile wireless device that extends the capabilities of wireless networks by offering three operating modes for limitless flexibility.

WLAE-AG300N can connect any two wired devices, such as printers, gaming consoles or DVRs, to an existing wireless network. It can turn any wired network into a high speed 11n network, or two or more can used to wirelessly connect and extend the range of the wireless network. 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.

Wirelessly connect to wired devices:

N300
Dual band 802.11n
2.4 and 5 GHz

- Gaming Consoles
- Media Players
- Printers
- IP Phones
- Other Devices with an Ethernet Port

One-Time Setup

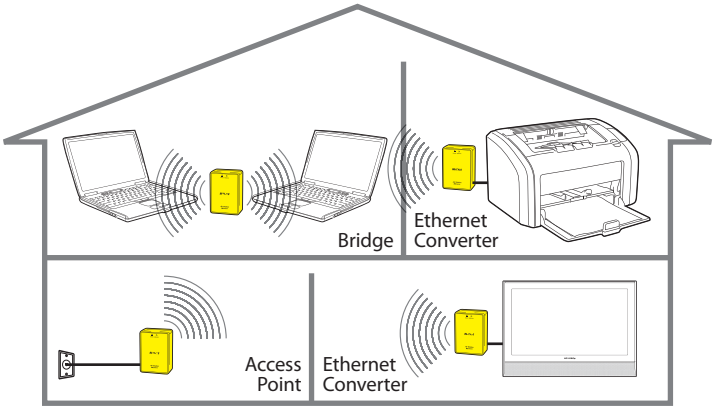
Can be moved from device to device without reconfiguration

Two Ethernet Ports

Features and Benefits

- Wi-Fi Certified™ to ensure compatibility with other certified devices
- Creates IEEE 802.11n (2.4 GHz/5 GHz), 802.11g/b and 802.11a wireless networks
- Wireless connections with bit rates up to 300 Mbps*
- Two built-in 10/100 Ports for up to two simultaneous connections
- Push-button secure wireless connections with AOSS™
- Simple web browser configuration, no drivers needed
- Can be moved from device to device without reconfiguration
- Backward compatible with 802.11g, 802.11a, and 802.11b
- Supports WPA2, WPA-PSK (TKIP, AES) and 128/64-bit WEP Security
- For best performance, use with a Buffalo AirStation High Power N300 Wireless Router
- Great for high-speed multimedia streaming or online gaming

Extemely Versatile Wireless Client Adapter



USAGE GUIDE

	COVERAGE	
	N150	N300
	SPEED	
Internet	●	●
Email	●	●
Music	●	●
Internet Phone	●	●
Video		●
Gaming		●

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WLAE-AG300N

SPECIFICATIONS

3 YEAR WARRANTY

24·7 TECH SUPPORT

Wireless LAN Interface

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

Wired LAN Interface

Standard Compliance	IEEE802.3u (100 Base-TX), IEEE802.3 (10 Base-T)
Transmission Rate	10/100 Mbps (Auto-Sensing)
LAN Port Connector	RJ-45 (Auto MDIX)
Number of LAN Ports	2

Other

OS Compatibility	Windows® 7 (32bit/64bit), Windows Vista® (32bit/64bit), Windows® XP, Windows® 2000, Mac OS® X 10.4 - 10.7**
Dimensions (WxHxD in.)	2.8 x 4.0 x 1.6
Weight (oz.)	5.5
Power Consumption	Max 7.5W
Operating Environment	32-104° F, 10-85% (non-condensing)
Power Supply	AC100-240V, 50/60Hz

**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

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.

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