

AirStation™ Nfinity

AirStation N450 Wireless-N Adapter

BUFFALO™

WLI-UC-G450

The perfect solution for those who often travel with PCs and portable HDDs

WLI-UC-G450 wireless adapter offers 450Mbps* connectivity to your Windows laptop or desktop through an available USB port. 3x3 MIMO technology speeds transfer rates with three simultaneous data streams.

These features all add up to faster, problem-free downloading and uploading of video and music files, multimedia streaming, and online gaming. AOSS™ and WPS secure connections make setup a snap, and it's Wi-Fi CERTIFIED™, ensuring compatibility with other certified devices.

Compact enough to fit in your pocket, the adapter plugs right into your computer's USB port - offers you convenient wireless LAN performance.



Features and Benefits

Extended wireless performance and range:

3x3MIMO technology moves data at blazing speeds

Quick, easy, secure connection and setup:

Compatible with AOSS™ (AirStation One-Touch Secure System™)

Ultra-portable:

Fits in hand, pocket or bag

Wi-Fi CERTIFIED™:

Ensures compatibility with other certified devices

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

Other features

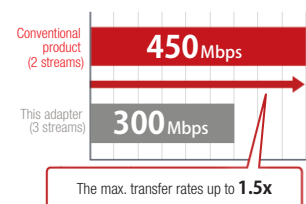
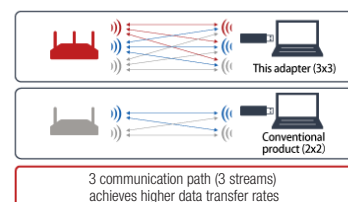
Meets 802.11n specifications for greater speed and range

Backward compatible with 1x1 802.11g

Backward compatible with 1x1/2x2 802.11g

Supports WPS (Wi-Fi Protected Setup)

Includes 10cm flexible extender cable



Quick, easy, secure connection and setup



Just as with other BUFFALO products, this adapter supports the AOSS™ connection protocol. Just press the AOSS™ button on the wireless LAN router and on the computer screen to complete the connection and security setup. AOSS™ automatically detects and configures.

Note: Buffalo Client Manager Software required

Specifications

Wireless LAN Interface	
Standard Compliance	IEEE802.11n/g/b
Frequency Range	2,412 - 2,462MHz
Transmission Rates	IEEE802.11n: Max. 450Mbps IEEE802.11g: Max. 54Mbps IEEE802.11b: Max. 11Mbps
Access Mode	Infrastructure Mode, Ad-hoc
Security	WPA2-PSK(AES, TKIP), WPA-PSK(AES, TKIP), 128/64-bit WEP
USB Interface	
Standard Compliance	USB2.0
Other	
Client OS Support	Windows 7(32/64bit), Windows vista and XP (32bit)
Dimensions (WxHxD)	98 x 27 x 14mm
Weight	23g
Operating Environment	0-40°C, 20-80% RH (Non-condensing)
Power Consumption	Max. 2.5W
Power Supply	5.0V (power supply via USB port)
System Requirements	
Windows computer that has USB port	

* 450Mbps is the maximum wireless signal rate achievable using three streams of 150Mbps each. 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. Maximum speed and range is achievable when use with same enhanced mode technology.

Note:

This adapter cannot be used with USB Hub

This adapter does not work on USB 2.0 expansion board

Following BUFFALO's USB 3.0 expansion boards are evaluated to work with this adapter; IFC-PCIE4U3S, IFC-PCIE2U3, IFC-EC2U3/UC

Non-USB 1.0 compliance

About Buffalo

Buffalo Technology is a leading global provider of award-winning storage, networking, and multimedia solutions for the home and small business environments as well as for system builders and integrators. With more than 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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