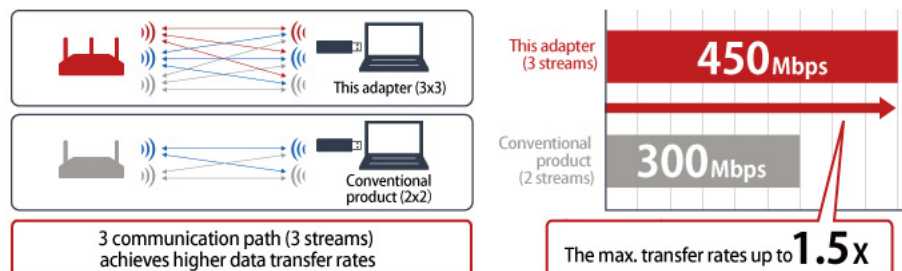


WLI-UC-G450

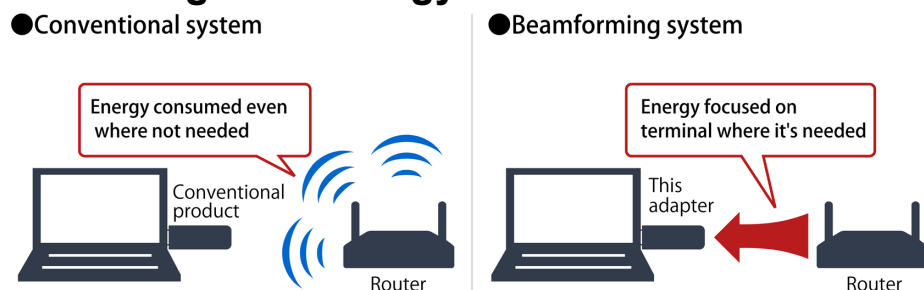
Speedy 450 Mbps wireless adapter provides superior performance

■ 3x3 MIMO technology moves data at blazing speeds



MIMO (Multiple Input Multiple Output) technology simultaneously transmits multiple data streams for increased data transfer rates. Whereas conventional 11n technology achieves speeds of 300 Mbps by transmitting dual simultaneous streams over a bandwidth of 40 MHz, this adapter simultaneously transmits three streams for transfer speeds of up to 450 Mbps, plus greater range.

■ "Beamforming" technology directs radio waves efficiently



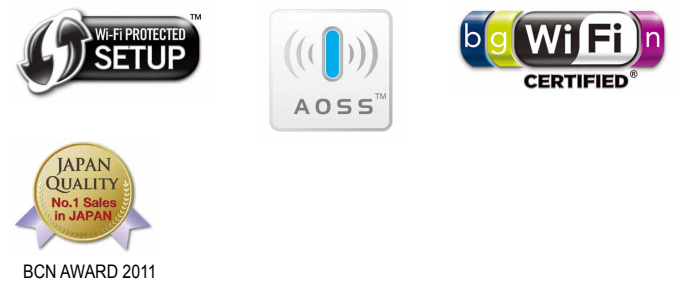
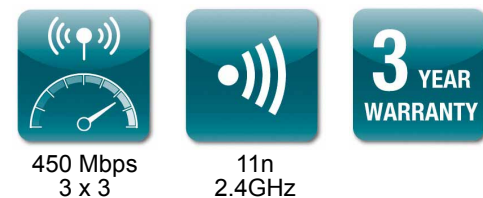
This adapter utilizes "beamforming" technology. This determines the client position and distance and focuses the signal on that location with near-pinpoint accuracy. This is effective in enhancing sensitivity and signal reception for improved wireless transmission, even in areas with numerous physical obstacles. It works especially well when paired with BUFFALO's 450 MHz router.

† A router or access point need to support beamforming technology.

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



Just as with other BUFFALO products, this adapter supports the AOSS connection protocol. Just press the AOSS button on the wireless LAN router and the computer screen to complete the connection and security setup. AOSS automatically detects and configures other AOSS enabled devices and seamlessly creates the most secure connection possible.



Features

- 3 x 3 MIMO technology for higher data transfer rates up to 450 Mbps*
- Backward compatible with 2 x 2, 1 x 1, 802.11g and 802.11b standards
- Beamforming focuses signal for even better range and reception
- Compatible with BUFFALO's AOSS™ for simple, secure connection
- Supports WPS (Wi-Fi Protected Setup)
- 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)
- Includes 10cm flexible extender cable
- Ultra-portable-fits in hand, pocket, or bag
- 3-year warranty

WLI-UC-G450

Specifications

Model

WLI-UC-G450

Wireless LAN Interface

Standard Compliance	IEEE802.11n/g/b
Frequency Range	2,412 - 2,462 MHz
Transmission Rate	IEEE802.11n: Max 450 Mbps IEEE802.11g: Max. 54 Mbps IEEE802.11b: Max. 11 Mbps
Access Mode	Infrastructure Mode
Security	WPA2-PSK(AES, TKIP), WPA-PSK(AES, TKIP), 128/64-bit WEP

USB Interface

Standard Compliance	USB 2.0
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Other

System Requirements	Windows computer that has USB port * 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.
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OS Support		Windows			
		7*1 (32/64bit)	Vista*1 (32bit) (64bit)		XP
WLI-UC-G450		✓	✓	-	✓
Attached Software	Client Manager V	✓	✓	-	-
	Client Manager 3	-	-	-	✓
	BUFFALO AirStation Bandwidth 20/40MHz Select Tool	✓	✓	-	✓

*1 Starter Edition is not compatible

Power Supply	5.0V (Power feeding from USB port)
Power Consumption	Max. 2.5W
Dimensions (WxHxD)	98 x 27 x 14 mm
Weight	23 g
Operating Environment	0 - 40°C, 20 - 80% RH (Non-condensing)
Warranty	3-year

Package Contents

AirStation N450 Wireless-N USB 2.0 Adapter WLI-UC-G450
USB Extension Cable (10cm)
Setup Wizard CD-ROM
Quick Setup Guide
Warranty Statement

*450 Mbps is the maximum wireless signal rate achievable using three streams of 150 Mbps 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.

About BUFFALO

www.buffalo-asia.com

BUFFALO Inc., based in Nagoya, Japan, is a leading global provider of award-winning networking, storage and multi-media solutions for the home and small business environments as well as for system builders and integrators. With three decades of networking and computer peripheral experience, BUFFALO has proven its commitment to delivering innovative, best-of-breed solutions that have put the company at the forefront of infrastructure technology.