

Buffalo AirStation™ G54

125* High-Speed Mode™ Wireless Notebook Adapter - WLI-CB-G54S

The AirStation 125* High-Speed Mode™ Wireless Notebook Adapter offers a fast and flexible client solution for your notebook PC. 32-Bit CardBus technology and 54 Mbps wireless data rates ensure maximum performance. In addition, the 125* High-Speed Mode™ Wireless Notebook Adapter supports AOSS™ (Airstation One-Touch Secure System™) allowing you to easily setup secure wireless connections to your AOSS-enabled Router. Fits any Notebook PC with an available Type II or Type III PC card slot.

- AOSS Support (AOSS Client Manager Required)
- 125* High-Speed Mode™ Wireless Technology
- 32-Bit CardBus Performance
- WPA (TKIP, AES), 802.1x Support (Requires Supplicant)
- Support 64/128-bit WEP
- Easy to Install and Setup

AOSS™ - One Click. One Touch. Done.

- (1) Press the AOSS button on the router to initiate the AOSS session.
- (2) Click on the AOSS icon in the Buffalo Client Manager Software.
- Done - A secure connection is automatically established between the Router and the Desktop.



Buffalo's AirStation One-Touch Secure System allows you to create secure wireless connections with the push of the button and click of a mouse!

AOSS functions between Buffalo AOSS enabled devices only. Buffalo client devices are AOSS enabled by using Buffalo's updated client manager software (Windows clients only).



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Technical Specifications

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Wireless LAN

Standards Compliance	802.11g (Wireless LAN Standard) 802.11b (Wireless LAN Standard)
Frequency Range	2.412 - 2.462 GHz
802.11g 125* High-Speed Mode™ Rates	13, 20, 27, 40, 54, 80, 110, 125 Mbps
Transmission Rate	802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11b: 1, 2, 5.5, 11 Mbps
Security	WPA (TKIP, AES), 802.1x Support (Requires supplicant), WEP
Access Mode	Infrastructure Mode / AdHoc Mode
Selectable Channels	11 Channels
Communication Protocol	Direct Sequence Spread Spectrum (DSSS), OFDM

Hardware

Interface	32-Bit CardBus
Dimensions	55 x 7.5 x 118 mm
Weight	40 g
Operating Environment	0-55°C, 20-80% Humidity (non-condensing)

Support Available for:	Windows XP, ME, 2000, 98SE
Package Contents:	AirStation 125* High-Speed Mode™ Wireless Notebook Adapter, CD-ROM with Manual, Quick Setup Guide and Warranty Statement
Related Products:	Buffalo AirStation 802.11g and 802.11b Access Points and Client Adapters, AirStation 2.4 GHz Antennas



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Buffalo Technology (USA), Inc. is a leading global provider of affordable, easy-to-use, next-generation wired and wireless network solutions for the consumer, SOHO and SMB markets. With its expansion into the U.S. retail market, Buffalo offers home users a full suite of wireless home networking solutions such as its award-winning line of AirStation 54g products; its 125* High-Speed Mode™ 802.11g products; and its versatile line of 802.11a/b/g combo products. Buffalo completes its offerings with additional world-class networking solutions that include memory, storage and multimedia products – perfectly suited for any wireless environment.

With its new AirStation One-Touch Secure System (AOSS™), Buffalo offers the ultimate in ease-of-use and security. The company's commitment to its customers and technological innovation has put Buffalo at the forefront of networking technology and is the foundation for its leading position among the top WLAN vendors worldwide.



BUFFALO™

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*When operating in High-Speed Mode™, this Wi-Fi device achieves an actual throughput of up to 34.1 Mbps, which is the equivalent throughput of a system following 802.11g protocol and operating at a signaling rate of 125 Mbps.