

Wireless-G 125* High-Speed PCI Adapter



The Buffalo Wireless-G High-Speed PCI Adapter offers a fast and flexible Wireless solution for your desktop PC. With the AirStation One-Touch Secure System™ (AOSS™), creating a secure Wireless connection is now hassle-free! The low profile design of the Wireless PCI adapter can accommodate desktops with either full size or low profile PCI slots. The Wireless-G High-Speed PCI Adapter adheres to 802.11g standard and is interoperable with any 802.11b device. Using the included antenna connector, the detachable antenna can be replaced with a 2.4GHz antenna for flexible placement or extended range. When combined with Wireless-G 125* High-Speed Router WHRG54S, you can extend the range by up to 2X and improves overall performance by up to 3X of standard 802.11g client devices.



WL12-PCI-G54S

Features and Benefits

- Offers increased performance and range when connecting to Standard 802.11b or 802.11g networks
- 802.11g Wireless 125* high-speed Mode™ Technology with Wireless 125* high-speed Mode™ Technology devices
- Easy Setup with AirStation One-Touch Secure System™ (AOSS™)
- Low profile PCI fits in any PCI slot
- Antenna adapter included for optional external antenna
- Supports WPA-PSK (TKIP, AES) and 128/64-bit WEP security
- Backward compatible with 802.11b
- For best performance, use with Buffalo Wireless-G 125* high-speed Broadband Router and Access Point

Enhanced Performance at a Great Value



standard 802.11g



Wireless-G
125* High Speed

up to 2X Range and up to 3x the Speed of standard 802.11g when used with Wireless-G 125* high-speed devices!

Easy and secure Wireless set-up with AOSS



- Push the AOSS button on the Router
- Click on the AOSS icon in the Client Manager
- DONE! A secure Wireless connection is automatically established

SPECIFICATIONS

Wireless LAN Interface

Standard Compliance	IEEE802.11b/IEEE802.11g
Frequency Range (MHz)	2.4GHz - 2.5GHz
Access Mode	Infrastructure mode, ad-hoc mode
Wireless Security	WPA-PSK (AES, TKIP), 802.1x Support (requires supplicant), 128/64-bit WEP
Transmission Rates (Mbps)	IEEE802.11g 802.11g 125* High-Speed Mode TM : 13, 20, 27, 40, 54, 80, 110, 125 IEEE802.11g 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 IEEE802.11g 802.11b: 1, 2, 5.5, 11
Interface	32-Bit PCI Bus

Other

Dimensions (HxWxD)	122 x 51 x 1mm (excluding bracket)
Weight	93g
Operating Environment	0-55°C
Set-up Utility OS Support	Windows [®] 2000, Windows [®] XP, Windows [®] Me, Windows [®] 98SE

Product Part Number

WBMR-G54

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