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WL12-PCI-G54A

Air Station 54Mbps Wireless Desktop PCI Adapter-g

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Range Brochure PDF

The AirStation 54Mbps Wireless Desktop 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 PCI adapters can accommodate desktops with either a full size or low profile PCI slot.

The 54Mbps Wireless Desktop PCI Adapter is interoperable with both Wi-Fi 802.11g and 802.11b devices. The detachable antenna can be replaced with an optional external AirStation 2.4GHz antenna allowing flexible placement and extended range.

NOTE: Apple's Airport 3.1 software supports this PCI Adapter for use with Macintosh Desktops with an available PCI slot.

Suggested Retail: \$199.00

Key Features

- AOSS support (*AOSS Client Manager Required)
- 54Mbps Wireless Data Rates
- Antenna adapter included for optional external antenna
- Wi-Fi 802.11b/g compatible
- Low Profile PCI fits in any PCI Slot
- WPA (TKIP, AES), 802.1x support (supplicant required)
- Support 64/128 bit WEP
- Easy to install and setup

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54g delivers the fastest possible data rate defined by the IEEE802.11g Wireless LAN specification. 802.11g is five (5) times faster than 802.11b Wireless LANs and offers greater distances than 802.11a.



WiFi Certified



Buffalo's AirStation OneTouch Secure System (AOSS)

Friendly

(click image for more information on AOSS)



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

Current Specifications (subject to change)

Communication Range:

*SPEED	OUTDOOR	INDOOR
54 Mbps	165ft (50m)	65ft (20m)

18 Mbps	490ft (150m)	195ft (60m)
11 Mbps	590ft (180m)	245ft (75m)
1 Mbps	1870ft (570m)	410ft (125m)

*All Distances are estimated. Wireless connections may be affected as physical conditions and circumstances vary.

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OS Support

Windows 98SE, ME, 2000, XP

Package Contents

AirStation 54Mbps Wireless PCI Card , Low-profile bracket, Antenna Exchange Adapter, CD-ROM, Quick Setup Guide and Warranty Card

Technical Specifications - Wireless LAN

Standards Compliance: 802.11g (Wireless LAN standard), 802.11b (Wireless LAN Standard)

Frequency Range: 2,412-2,462Mhz

Transmission Rate: 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps, 802.11b: 1, 2, 5.5, 11Mbps

Access Mode: Infrastructure Mode, Ad-Hoc Mode

Selectable Channels: 11 Channels

Communications Protocol: DSSS, Half-duplex, OFDM, CCK, DQPSK, DBPSK

Others

Weight: 3.32 oz (94g)

Dimensions: 120 x 50 x 1.6 mm (4.8 x 2 x 0.06 in.) excluding bracket

Operating Environment: Temperature 0-55AC, Humidity 20-80% (no condensation)

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