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WLI-CB-G54A

**Air Station
54Mbps Wireless Notebook
Adapter
with Antenna Interface**

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Range Brochure PDF

The AirStation 54Mbps Wireless Notebook Adapter with Antenna Interface delivers the fastest wireless throughput on the 2.4GHz band and support for external 2.4GHz Antennas.

The 54Mbps Notebook Adapter offers instant wireless connectivity with any Type II or Type III CardBus ready PC notebook and has an MC connector to extend wireless range and performance with the use of external antennas.

The 54Mbps Wireless Notebook Adapter is 802.11g certified and interoperable with existing Wi-Fi 802.11b product. The 54Mbps Notebook Adapter supports WPA, 802.1x, AES and WEP for security and a physical security lock feature that allows you to attach a chain or cable to prevent theft.

NOTE: Apple's Airport 3.1 or 3.1.1 software supports this card for use with Macintosh Powerbooks with an available CardBus slot.

Suggested Retail: \$99.00

Key Features

Fast 54Mbps wireless throughput

Wi-Fi Protected Access support

Wi-Fi Certified 802.11g

32-bit CardBus

802.11b Wi-Fi compatible

5 times faster than 802.11b

External 2.4Ghz Antenna Ready with MC connector

2 year warranty



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)

TOP

Specifications

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.

TOP

OS Support

Windows 98SE, ME, 2000, XP, MAC OS (version 10.2.6 and higher)

Package Contents

AirStation 54Mbps Notebook Adapter, CD Driver disk, Quick Setup Guide and Warranty Card

Technical Specifications

Standard Compliance: IEEE802.11b (Wireless LAN Standard protocol), IEEE802.11g (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

Security: 128/64bit WEP and password

Access mode: Infrastructure mode

Antenna: Diversity method (Internal)

External Antenna Connector: MC

Output power: 15dBm (32mW)

Interface: 32-bit CardBus

Communications Protocol: Direct Sequence Spread Spectrum (DS-SS), Half-Duplex, OFDM

Others

Weight: 1.6 oz. (45g)

Dimensions: W2.1 x H4.3 x D0.25in.(W54 x L110 x D6mm)

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

Power consumption: TX peak:550mA@3.3VDC, RX peak:350mA@3.3VDC, Idle:225mA@3.3VDC, Radio Disable: <10mA@3.3VDC

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