



AeroLAN™ AL5410-G 802.11g CardBus Adapter for Windows



Yesterday everyone thought 11 Mbps wireless was all you ever needed to connect to wireless networks and hotspots. Today? Performance is everything—especially when you need to move 100s of MB worth of audio, JPEGs and even emails with big attachments. The AeroLAN AL5410-G features a high-performance 32-bit CardBus interface to get the most performance from your Windows-based notebook computer.

- Compatible with both 802.11g (54 Mbps) and all other IEEE 802.11g wireless access points
- Backwards compatible with Asante FR1004AL and all other 802.11b routers and wireless access points
- Quickly connect to any wireless hotspot or access point using Asante's site survey and configuration utility

SPECIFICATIONS

Overview

Wireless: 54 Mbps 802.11g (backwards compatible with 802.11b)
Hardware Interface: 3.3 V, 32-bit CardBus Type II
Status Indicators: Link and activity LEDs

Supplied Drivers

Microsoft: Windows 98SE/Me and 2000/XP

Security and Performance

Encryption: 64/128/256-bit WEP, WPA-PSK
Data Rates: 802.11b: Maximum 11 Mbps. Auto-ranging: 1, 2, 5.5, 11 Mbps
802.11g: Maximum 54 Mbps. Auto-ranging: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

Radio

Frequency: 2.412-2.497 GHZ ISM frequency band
Channels: 1-11 for USA and Canada
Transmit Power: 15 dBm
Antenna: Integrated microstrip dual diversity
Modulation Techniques: 802.11b: CCK (11, 5.5 Mbps), DQSP (2 Mbps), DBPSX (1 Mbps)
802.11g: OFDM (54 Mbps)
Typical Coverage: 802.11b: Indoor up to 50 M at 11 Mbps; outdoor up to 130 M at 11Mbps
802.11g: Indoor up to 20 M at 54 Mbps; outdoor up to 50 M at 54 Mbps

Physical

Dimensions (L x W x H): 4.7 x 2.1 x 0.2 inches (118 x 54 x 5 mm)
Weight: 0.09 lbs (0.04 Kg)
Power: 345 mA (receive) to 587 mA (transmit) typical
Operating Temperature: 32° to 104° F (0° to 40° C)
Relative Humidity: 10% to 90%, non-condensing

Standards Compliance

Network: IEEE 802.11b (up to 11 Mbps)
IEEE 802.11g (up to 54 Mbps)
Network Protocols: TCP/IP, CSMA/CA with ACK
Emissions: FCC Class B, Part 15.247

Support

Technical Support: 24-hour support via web and ftp. 2-year email and telephone support
Product Warranty: 2-year product warranty covers defects in manufacturing and workmanship

ORDERING INFORMATION

Model	Description
AL5410-G	AeroLAN 802.11g CardBus adapter for Windows

* For international part numbers, please refer to the Asante price list.



Asante Technologies, Inc. · 2223 Old Oakland Road, San Jose, CA 95131 USA · Phone 408.435.8388 · Website www.asante.com

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