

Aria™ extreme

Wireless CardBus Card for Mac PowerBooks and Windows Notebooks

KEY FEATURES

- ▶ Wireless data transfer rates up to 54 Mbps
- ▶ Compatible with Apple AirPort Extreme and other 802.11g wireless hubs
- ▶ Backward-compatible with 802.11b devices
- ▶ Requires Mac OS X 10.2.6 or later and AirPort Extreme driver 3.1 or later
- ▶ Supports Windows 98SE, Me, 2000, XP

NETWORK FASTER—ANYWHERE YOU GO!

Speed and mobility. Two important words to any laptop owner. Kick it up a notch with our next-generation, high-speed wireless adapter—Aria extreme. This card makes super-fast, mobile networking possible on most cardbus-equipped laptops, even older models. Just install Aria extreme into your Mac PowerBook or Windows notebook and you'll be wireless in minutes. Be amazed at data transfers of up to 54 Mbps...surf the net without wires or cables!

SPECIFICATIONS

Software

Operating System Requirements

Mac OS X Version 10.2.6 or later with AirPort drivers 3.1 or later
Windows 98 SE, Me, 2000 or XP

Hardware

Compatible Models

PowerBook G3
PowerBook G4 (with 15" screen)*
Notebook computers with CardBus slot

Interface

Works in 32-bit CardBus slot
3.3V, 32-bit CardBus specification

Dimensions

4 x 2.2 x 0.2 inches
(101 x 54 x 3.3 mm)

Weight

1.44 ounces (40.82 g)

Warranty

3-year, limited warranty



Part No: G54-CB

Radio Specifications

Frequency

2.412~2.497 GHz ISM frequency band

Operating Channels

802.11b: 11 for North America, 14 for Japan, 13 for Europe (ETSI)

802.11g: 13 for North America, 13 for Europe (ETSI), 13 for Japan

Security

Hardware 64/128-bit WEP engine; WEP weak-key avoidance, TKIP, hardware AES engine supporting CCM and OCB, 802.1x, SSN, WPA**

Output Power

Maximum 15.5 dBm

Data Rates

802.11b-Maximum 11 Mbps. Auto-ranging: 1, 2, 5.5, and 11 Mbps

802.11g-Maximum 54 Mbps. Auto-ranging: 6, 9, 12, 18, 24, 36, 48, and 54 Mbps

Coverage Area (typical)

802.11b-Up to 60 M at 11 Mbps, up to 125 M at 1 Mbps

802.11g-Up to 20 M at 54 Mbps, up to 75 M at 18 Mbps

Receiver Sensitivity

-80dBm at 6 Mbps

Environmental Specifications

Operating Temperature

0° to 158°F (0° to 70°C)

Storage Temperature

-20° to 194°F (-4° to 90°C)

Relative Humidity

5 to 95%

Standards Compliance

Wireless Standards

IEEE 802.11b

IEEE 802.11g

* Not compatible with PowerBook G4 with Apple AirPort Extreme already installed. Compatible with earlier PowerBook G4s with or without Apple original AirPort card installed. Compatible with later PowerBook G4s without Apple AirPort Extreme card installed.

** WPA support is available to Mac users running Mac OS X Version 10.3 or later and using AirPort driver 3.2 or later, and to Windows users running Windows XP.

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