

11b/g (2.4GHz)

Super G Wireless Cardbus Adapter

Up to 108Mbps

Model no. NL-3054CB Plus Aries2



Feature	Benefit
2.4GHz IEEE802.11b/g standard compliant	Fully interoperable with IEEE802.11b/g compliant products.
High Speed Data Rate Up to 108Mbps (Super G mode)	Capable of handling heavy data payloads such as MPEG video streaming
Wi-Fi Protected Access (WPA) Client Support (Up to 152-bit WEP Data Encryption)	Powerful data security.
802.11i security specifications, provides Advanced Encryption Standard (AES), IEEE802.1x client	Enhances authentication and security.
Multi-country Roaming (802.11d) Support	Automatically adjusts regulatory domain to operate in different countries.
Advanced Power Management	Low power consumption in power saving mode.
TPC (Transmission Power Control) and DFS (Dynamic Frequency Selection) Support – compliant with 802.11h standard	TPC offers flexibility to adjust RF output power.

General	
Data Rates	802.11g : 6, 9, 12, 18, 24, 36, 48, 54, 72, 96 & 108 (Super G)Mbps. 802.11b : 1, 2, 5.5, 11Mbps.
Network Standards	WECA (Wi-Fi & Wi-Fi5 compliance), IEEE 802.11b, 802.11g, draft IEEE 802.11e, f, h, and i standards, IEEE802.11x
Approvals	FCC Part 15/UL, ETSI 300/328/CE
Drivers	Windows 98SE/ME/2000/XP
Security	IEEE802.1x Support for LEAP/PEAP WPA -- Wi-Fi Protected Access (AES, 64,128,152-WEP with Shared Key Authentication)
RF Information	
Frequency Band	2.412 – 2.484 GHz
Channels	11 for North America, 14 for Japan, 13 for Europe, 2 for Spain, 4 for France
Modulation Technology	Orthogonal Frequency Division Multiplexing (OFDM) DBPSK @ 1Mbps DQPSK @2Mbps CCK @ 5.5 & 11Mbps BPSK @ 6 and 9 Mbps QPSK @ 12 and 18 Mbps 16-QAM @ 24 and 36 Mbps 64-QAM @ 48 and 54 Mbps
Physical	
LED	RF Link activity
Interface	32-bit CardBus PC Card Standard V7.1 Type II
Antenna	Integrated built-in diversity Antenna
Dimensions	118(L) mm x 54(W) mm x 6.3(H) mm
Environmental	
Temperature Range	-0°C to 55°C - Operating -40°C to 70°C - Storage
Humidity (non-condensing)	5%~95% Typical

Updated by 2004/01/05

All specifications are subject to change without notice.