



22Mbps Wireless Cardbus Adapter NWH1050

Product Overview

The NWH1050 802.11g Wireless CardBus Adapter provides quick and easy-to-use wireless networking at data rates up to 54 Mbps, and protects your investment by interoperating fully with legacy 802.11b wireless networking products. When used with other 802.11g devices, the NWH1050 delivers all the throughput needed for the most bandwidth-consuming applications, including real-time MPEG video streaming.

To provide the best possible wireless security, the NWH1050 supports 64/128/256-bit WEP encryption, the new Wi-Fi Protected Access (WPA) specification, and enterprise-level 802.1x user authentication.

For those who demand today's convenience, tomorrow's speed and security, and smooth migration in between, the NWH1050 802.11g Wireless CardBus Adapter is the adapter of choice.



Specifications

Standards Compliance	IEEE802.11g, 11b
Interface	CardBus
Antenna	Diversity Patch Antenna
RF Spreading Scheme	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	2.4GHz
Transmission Rate	54/48/36/24/18/12/11/9/6/5.5/2/1Mbps with auto fallback 22Mbps added
Media Access Control Channels	CSMA/CA with ACK 802.11b:11 Channels (US/Canada)13 Channels (Europe)14 Channels (Japan) 802.11g:11 Channels (US/Canada)13 Channels (Europe, Japan)
RF Output Power	802.11b 17dBm (Typical) 802.11g 12dBm (Typical)
Receive Sensitivity	54 Mbps OFDM, 10% PER, -68 dBm 48 Mbps OFDM, 10% PER, -70 dBm 36 Mbps OFDM, 10% PER, -75 dBm 24 Mbps OFDM, 10% PER, -79 dBm 22 Mbps PBCC, 10% PER, -80 dBm 18 Mbps OFDM, 10% PER, -82 dBm 12 Mbps OFDM, 10% PER, -84 dBm 11 Mbps CCK, 8% PER, -82 dBm 9 Mbps OFDM, 10% PER, -87 dBm 6 Mbps OFDM, 10% PER, -88 dBm 5.5 Mbps CCK, 8% PER, -85 dBm 2 Mbps QPSK, 8% PER, -86 dBm 1 Mbps BPSK, 8% PER, -89 dBm
Software Supports	Dynamic Rate Shifting; Channel Setting; Roaming; RF Signal Quality Monitor; Site Survey Windows 98/Me/2000/XP Linux driver (Support Red Hat 8.0,Kernel 2.4.18-14; Red Hat 9.0,Kernel 2.4.20-8)
Security	802.1x Authentication WPA- (Wi-Fi Protected Access (64/128/256-bit WEP with TKIP, Shared Key Authentication)
Power Consumption (preliminary)	Transmission mode: 550mA (Max.) Receive mode: 350mA (Max.)
Power Voltage	3.3 Volt ± 5%
Dimension	118 x 54.6 x 5 mm (3.5 x 2.1 x 0.2 inch)
Net Weight	50 g (0.02 lb)
Regulatory Compliance	CE

*The product specifications are subjects to change without Prior notification.

National Datacomm Corporation

4F, No.24-2, Industry East 4th Road, Science Park
Hsin-Chu, Taiwan, R.O.C.
Tel: +886-3-5783966
Fax: +886-3-5777989
Email: sales@ndc.com.tw

NDC World Wide Web

www.ndc.com
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