

Wireless Compact Flash Card

Model no. NL-2511CF



Features	Benefits
Automatic data rate scaling at 11, 5.5, 2 and 1 Mbps	Optimized throughput, range and connectivity
IEEE 802.11b compliant	Fully interoperable with IEEE802.11b compliant products
Wired Equivalent Privacy (WEP) encryption and decryption support	Powerful data security at 64 and 128 bits
Compact Flash Type-I Standard	Supports a variety of popular computing devices such as PDA, Pocket PC, Tablet PC, Web pad and Handheld device
Site Survey Utility	Allows users to browser the available active access points which users can connect
Supports both Pocket PC and Windows CE operating systems	Flexible to work with both your PDA and your notebook PC
Wide coverage range up to 300 meters in open space	Wireless connectivity for all your computers
Advanced Power Management	Very low power consumption delivers extended battery life for client devices
Plug and Play Compact Flash Type-I interface	Easy installation
Significantly improved indoor multi-path distortion	Higher link quality in indoor environment
Seamless roaming	Full mobility
Direct Sequence Spread Spectrum (DSSS) Technology	Provides robust, interference-resistant, and secure wireless connection

General

Radio Data Rate	11, 5.5, 2 and 1 Mbps, Auto Fall-Back
Range (open environment)	11 Mbps –150m 5.5 Mbps –200m 2 Mbps – 300m 1 Mbps –400m
Operating Voltage	3.3V
Regulation Certifications	FCC Part 15/UL, ETSI 300/328/CE

Compatibility	Fully interoperable with IEEE802.11b compliant products
LED Indicator	RF Link activity

Network Information

Network Architecture	Support ad-hoc, peer-to-peer networks and infrastructure communications to wired Ethernet networks via Access Point
Driver Software Support	Windows CE 3.0, CE.NET/PocketPC 2002
Access Protocol	CSMA/CA
Roaming	IEEE802.11b compliant
Security	64/128-bit WEP data encryption

Radio

Frequency Range	U.S., Europe and Japan product covering 2.4 to 2.484 GHz, programmable for different country regulations
Radio Type	Direct Sequence Spread Spectrum (DSSS)
Modulation	CCK (11, 5.5Mbps) DQPSK (2Mbps) DBPSK (1Mbps)
Operation Channels	11 for North America, 14 for Japan, 13 for Europe, 2 for Spain, 4 for France
RF Output Power	13+-1dBm
Antenna	Integrated, with built-in diversity
Sensitivity @FER=0.08	11 Mbps <-85dbm ; 5.5 Mbps <-87dbm 2 Mbps <-89dbm ; 1 Mbps <-91dbm

Environmental

Temperature Range	-10 C to 50 C (14 F to 122 F)-operating
	-30 C to 80 C (-22 F to 176 F)-storage
Humidity	95% maximum non condensing

Physical Specifications

Form Factor	Fits Compact Flash Type-I Slots
Dimensions	55.4(L) mm x 42.8(W) mm x 3.3(H) mm 2.18(L) in x 1.69(W) in x 0.13(H) in
Weight	45.36 g/ 1.6oz