

SMCWPCI-N3

EZ Connect™ N Wireless PCI Adapter

Product Overview

The SMCWPCI-N3 is designed to provide a high-speed wireless and PHY performance for your computer complies with IEEE 802.11n, 802.11g, and 802.11b standards. Wireless transmission rates can reach up to 300Mbps. The PCI card employs MIMO technology and has two external detachable omni directional antennas providing even better wireless performance, transmission rates, stability and coverage. At the same time, CCA™ technology automatically avoids channel conflicts using its channel selection feature. This product supports 64/128/152-bit WEP encryptions, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions and mechanisms in addition to the adapter's WPS (Wi-Fi Protected setup) feature, allowing users to quickly and easily configure wireless security.



Key Features and Benefits

Compatible with IEEE802.11b/g/n wireless networks

Complies with IEEE 802.11g and 802.11b standards. It can perfectly interoperate with all the 802.11n/g/b devices.

Security features include 64/128/152-bit WEP encryption, WPA, WPA2 and IEEE 802.1x

Advanced security through 64/128/152-bit WEP encryption, Wi-Fi Protected Access (WPA and WPA2) to secure your network by authenticating appropriate personnel to access network resources

Wi-Fi Protected Setup (WPS) for easy and secure wireless connections

The WPS utility ensures simple and easy setup of the new EZ Connect™ N Wireless PCI-E Adapter

Supports infrastructure and ad-hoc modes

Compatible with 11g and 11b equipments, Intel Centrino Compatibility tested

It can also work well with other 11g and 11n wireless products.

APPLICATION DIAGRAM



Features

STANDARDS

802.11b, 802.11i, 802.11e, compatible with 802.11n

INTERFACE

PCI-E 2.0

Low-profile bracket available
32-bit PCI connector

DATA RATE

11n: 270/243/216/162/108/81/54/27Mbps
135/121.5/108/81/54/40.5/27/13.5Mbps
130/117/104/78/52/39/26/13Mbps
65/58.5/52/39/26/19.5/13/6.5Mbps (Dynamic)
11g: 108/54/48/36/24/18/12/9/6 Mbps (Dynamic)
11b: 11/5.5/2/1 Mbps (Dynamic)

NETWORK CONFIGURATION

Ad-Hoc (Peer to Peer)
Infrastructure

MODULATION

OFDM/CCK/16-QAM/64-QAM

SECURITY

64-bit/128-bit/152-bit Wired Equivalent Privacy (WEP)
Wi-Fi Protected Access
(WPA/WPA2, WPA-PSK/WPA2-PSK)
Advanced Encryption Standard (AES)
TKIP Supported

OPERATING CHANNEL

11 channels (US, Canada)
13 channels (ETSI)

RF POWER

19dBm (max)

RECEIVE SENSITIVITY

270M: -68dBm@10% PER
130M: -68dBm@10% PER
108M: -68dBm@10% PER
54M: -68dBm@10% PER
11M: -85dBm@8% PER
6M: -88dBm@10% PER
1M: -90dBm@8% PER

OPERATING SYSTEMS

Windows 2000/XP/Vista/WIN 7

Antenna Gain (dBi)

1.8 dBi x 2

ANTENNA TYPE

Detachable Omni-directional Antenna

PACKAGING CONTENTS

Wireless PCI Adapter
Quick Install Guide
EZ Installation Wizard & Documentation CD
SMC Warranty Registration Card
2dBi detachable antenna * 2

DIMENSIONS

Unit
5.2 × 4.8 × 0.9 in.
133 × 121 × 22 mm

Package/Carton
24.8 * 15.4 * 11.8 in.
630 * 390 * 300 mm

TEMPERATURE RANGE

Operating Temperature 0°C~40°C (32°F~104°F)
Storage Temperature -40°C~70°C (-40°F~158°F)

HUMIDITY

Operating Humidity 10%~90% non-condensing
Storage Humidity 5%~90% non-condensing

Safety, Emission and others

CE,
FCC,
Compliant with RoHS

Warranty

2 Years

Contact

SMC NETWORKS ASIA PACIFIC
1 Coleman Street, #07-09
The Adelphi
Singapore 179803
TEL: +65 63387667
FAX: +65 63387767

Check www.smc-asia.com for your local country contact information