SMCWPCIeS-N
EZ Connect™ N Wireless PCIe Adapter

Product Overview

The EZ Connect™ N Wireless PCIe Adapter (SMCWPCIeS-N) is another cutting edge introduction in 2.4GHz wireless communication for desktop computers. Designed for the home and office, this wireless PCIe adapter provides the speed, coverage and security expected by today's wireless users. The SMCWPCIeS-N is Wi-Fi CERTIFIED™ for full compliance with the IEEE802.11b/g standards, and based on IEEE 802.11n technology to reach wireless speeds of up to 150Mbps, enough to simultaneously stream video and audio, play online games, transfer large files, make VoIP calls and surf the Internet. With security being a key consideration, SMCWPCIeS-N supports the latest WPA and WPA2 wireless encryption standards, which prevent unauthorized access to wireless networks and ensure data is secure. Wireless security can also be set up easily using Wi-Fi Protected Setup™ (WPS) that using utility or PIN configuration.

Key Features and Benefits

IEEE802.11b/g/ WiFi CERTIFIED™
Complies with IEEE802.11g and 802.11b standards, based on IEEE802.11n technology.

Support for WEP, WPA and WPA2
Prevents unauthorized access to your wireless network and insures your data is secure.

Wi-Fi Protected Setup (WPS)
Makes wireless security setup easy with WPS utility

150Mbps Wireless Speed
Perfect for streaming video and music, online gaming and networking multiple PC's.
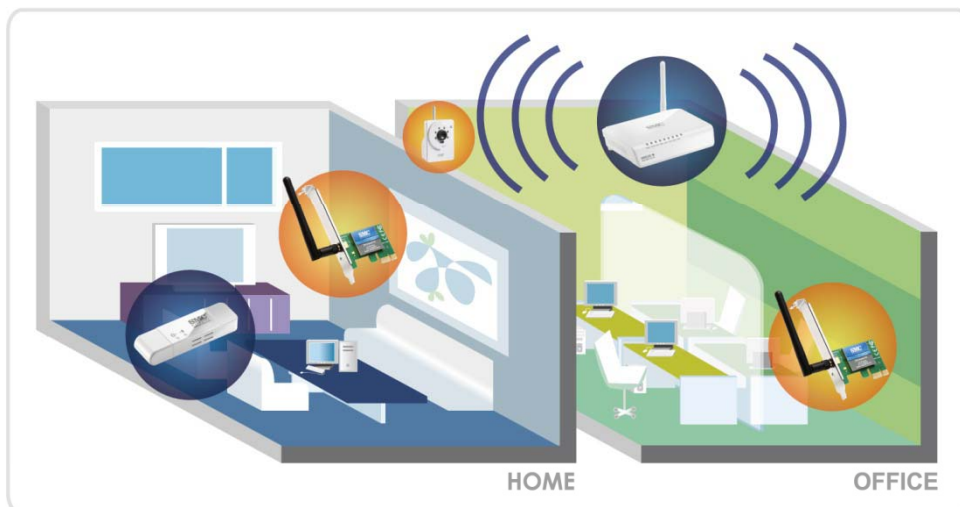
Wi-Fi Multimedia (WMM)
For traffic prioritization and power saving

Installation Wizard
Easy installation with step-by-step guidance.

APPLICATION DIAGRAM

HOME   OFFICE

SWITCHES

VDSL

WIRELESS

VOIP

STORAGE

BROADBAND

ADAPTERS

Features

STANDARDS
- IEEE802.11b/g
- Based on IEEE802.11n technology
- IEEE802.11i
- IEEE802.11e
- IEEE802.1x

PHYSICAL
- PCI Express (PCIe) v2.0
- Low-profile bracket included
- Link/Activity status LED
- 1.8dBi detachable omni-directional antenna (RP-SMA)

DATA RATE
- 11n: 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
- 11g: 54/48/36/24/18/12/9/6Mbps
- 11b: 11/5.5/2/1Mbps

WIRELESS OPERATING MODES
- Ad-Hoc (Peer to Peer)
- Infrastructure

MODULATION
- OFDM/ CCK/ 16-QAM/ 64-QAM

SECURITY
- WEP 64-/128-/152-Bit Encryption, AES, TKIP
- WiFi Protected Access Home Mode (WPA-PSK/WPA2-PSK)
- WiFi Protected Access Enterprise Mode (WPA/WPA2)
- WiFi Protected Setup (WPS)

QUALITY OF SERVICE
- WiFi Multimedia (WMM)

OPERATING CHANNEL
- 11 channels (US, Canada), 2412~2462MHz
- 13 channels (ETSI), 2412~2472MHz

RF POWER
- 15dBm (max)

RECEIVE SENSITIVITY
- 130Mbps: -68dBm@10% PER
- 108Mbps: -68dBm@10% PER
- 54Mbps: -68dBm@10% PER
- 11Mbps: -85dBm@8% PER
- 6Mbps: -88dBm@10% PER
- 1Mbps: -90dBm@8% PER

OPERATING SYSTEMS
- Windows 2000/ XP/ Vista/ Win 7 (Driver)
- Windows 2000/ XP (Utility)

PACKAGING CONTENTS
- 1x Wireless PCIe Adapter
- 1x Low Profile Bracket
- 1x Quick Install Guide
- 1x EZ Installation Wizard & Documentation CD
- 1x SMC Warranty Registration Card

DIMENSIONS
- Unit: 120.8 x 78.5 x 21.5 mm/ 4.8 x 3.1x 0.8 in
- Box: 415 x 365 x 300 mm/16.3 x 14.4 x 11.8 in

 WEIGHTS
- Unit: 42 (g)
- Box: 174 (g)

TEMPERATURE RANGE
- Operating Temperature: 0º~40º C/ 32º~104º F
- Storage Temperature: -40º~70º C/ -40º~158º F

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

SAFETY, EMISSION AND OTHERS
- CE
- FCC
- RoHS

WARRANTY
- Please check www.smc.com for the warranty terms in your country/region.

Contact

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