



## Wireless

## SMCWPCI-N EZ Connect™ N Pro Draft 11n Wireless PCI Adapter



### OVERVIEW

The EZ Connect™ N Pro Draft 11n Wireless PCI Adapter (SMCWPCI-N) is another cutting edge introduction in 2.4GHz wireless communication for your desktop computer. Designed for both the home and office, this Wireless PCI adapter provides the speed, coverage, and security expected by today's wireless users. The SMCWPCI-N is compliant with the next generation IEEE802.11n draft v1.0 specification while maintaining full backwards compatibility with the IEEE802.11b/g standards. This next generation wireless networking standard utilizes advanced MIMO (Multiple-In, Multiple-Out) technology to deliver incredible speed & range. With wireless speeds up to 300Mbps and up to 11x the coverage, the SMCWPCI-N provides enough bandwidth to stream HD video, listen to digital music, play online games, transfer large files, make VoIP calls and surf the Internet simultaneously. To secure

wireless data transmissions and prevent unauthorized access the SMCWPCI-N supports the latest WPA/WPA2 wireless security standards. WEP 64-Bit and 128-Bit wireless encryption is also provided for securely connecting to legacy devices which do not support the latest WPA/WPA2 standards. The SMCWPCI-N includes an EZ Installation Wizard for quick and easy installation. Simply put the EZ Installation Wizard CD into your computer's CD-ROM drive, click on Install Driver/Utility Link, and the wizard will perform the installation automatically. Then insert your SMCWPCI-N into an available PCI slot on your computer and you are ready to enjoy the freedom of wireless networking. The SMCWPCI-N WLAN utility scans for all available wireless networks and its profile management allows you to save names and settings of multiple networks, so connecting becomes instantaneous.

FEATURES	BENEFITS
IEEE802.11n draft v1.0 compliant	Utilizes advanced MIMO (Multiple-In, Multiple-Out) technology to deliver incredible speed & range. With wireless speeds up to 300Mbps and up to 11x the coverage, you can stream HD video, listen to digital music, play online games, transfer large files, make VoIP calls and surf the Internet simultaneously.
IEEE802.11b/g compliant	Fully backwards compatible with the popular IEEE802.11b/g standards.
Three external antennas	Provide maximum speed and wireless coverage.
EZ Installation Wizard	Quick and easy installation.
WPA/WPA2 Encryption	Enterprise class WPA/WPA2 encryption secures your wireless network from unwanted intruders.
Wi-Fi Protected Set-up™ (WPS)*	Makes installation and activation of wireless security easy
Wi-Fi Multimedia (WMM)*	Provide quality-of-service (QoS) to the wireless traffic by automatically prioritizing and optimizing the handling of different applications.

### EASE OF USE

- EZ Installation Wizard
- Wi-Fi Protected Setup™\*

### SECURITY FEATURES

- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre Shared Key)
- WPA/WPA2 Enterprise mode (802.1x)

### QUALITY-OF-SERVICE (QOS)

- WMM (Wi-Fi Multimedia)\*

### ANTENNAS

- 2x 2dBi + 1x 5dBi detachable antennas with RP-SMA connector

### LED INDICATOR

- Link status
- Activity

### STANDARDS

- IEEE802.11b, IEEE802.11g, IEEE802.11n draft v1.0

### OPERATING FREQUENCY

- FCC: 2412~2462MHz (Ch1~Ch11)
- ETSI: 2412~2472MHz (Ch1~Ch13)

### TYPICAL RF OUTPUT POWER

- 11n Mode: 14dBm
- 11g Mode: 15dBm
- 11b Mode : 18dBm

### TEMPERATURE

- Operating: 0° degrees C to 40° degrees C
- Storage: -25° degrees C to 70° degrees C

### HUMIDITY

- Operating: 0% to 70% Non-condensing
- Storage: 10% to 90% Non-condensing

### DIMENSIONS

- 120x133x18mm
- 4.7x5.2x0.7in

### WEIGHT

- 0.135Kg
- 0.30lbs

### CERTIFICATIONS

- FCC
- CE

### SYSTEM REQUIREMENTS

- 2.4 GHz 802.11n draft wireless network or 2.4 GHz 802.11b/g wireless network
- Microsoft Windows 2000 or Windows XP
- A desktop PC with:
  - 300MHz CPU or above
  - Available PCI slot
  - 20MB of available hard disk space
  - CD-ROM drive
- We recommend using this product with the SMCWBR14-N Barricade™ N Broadband Router or the SMC7904WBRA-N Barricade™ N ADSL2/2+ Modem Router

### PACKAGE CONTENTS

- EZ Connect™ N Wireless PCI Adapter (SMCWPCI-N)
- Installation CD containing:
  - EZ Installation Wizard
  - Manual
- Quick Installation Guide
- Warranty registration card

### WARRANTY

- SMC Limited Lifetime

\*Support for these features will be added through future driver/utility upgrade

## Contact

### North America

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24/7 Technical Support

### Europe/ Africa

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