



**WIRELESS**

**SMCWCB-N2**  
Draft 11n Wireless Cardbus Adapter



**OVERVIEW**

The EZ Connect™ N Pro Draft 11n Wireless Cardbus Adapter (SMCWCB-N2) is another cutting edge introduction in 2.4GHz wireless communication for notebook computers. Designed for the home and office, this wireless cardbus adapter provides the speed, coverage and security expected by today's wireless users. The SMCWCB-N2 is Wi-Fi CERTIFIED™ for full compliance with the 802.11n draft v2.0 standard, as well as the popular Wireless-G (802.11g) and Wireless-B (802.11b) standards. This next generation Cardbus Adapter utilizes advanced MIMO (Multiple-In, Multiple-Out) technology to deliver incredible speed and range. With wireless speeds up to 300Mbps and up to 11x the coverage, there is enough bandwidth 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, SMCWCB-N2 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 enables push button or PIN configuration. Finally the SMCWCB-N2 includes an easy installation wizard which guides you step-by-step through the install process. Once installed the WLAN utility allows you to scan for available wireless networks and manage multiple network profiles so connecting becomes instantaneous.

FEATURES	BENEFITS
Wireless-N (802.11n draft) compliant	Delivers speeds up to 300Mbps and up to 11x the coverage. Perfect for streaming video and music, online gaming and networking multiple PC's.
802.11b/g compliant	Full backwards compatibility with Wireless-G (802.11g) and Wireless-B (802.11b) standard products.
WPA/WPA2 Encryption	Prevents unauthorized access to your wireless network and insures your data is secure.
Wi-Fi Protected Set-up™ (WPS)	Makes wireless security setup easy with push button or PIN configuration.
Installation Wizard	Easy installation with step-by-step guidance.



## TECHNICAL SPECIFICATIONS

## SMCWCB-N2

### PHYSICAL

- Link/Activity status LED

### WIRELESS OPERATING MODES

- Ad-hoc
- Infrastructure

### EASE OF USE

- EZ Installation Wizard
- Wi-Fi Protected Setup™ - PBC and PIN
- Site survey utility
- Profile manager

### 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)

### STANDARDS

- IEEE802.11b, IEEE802.11g, IEEE802.11n draft v2.0

### OPERATING FREQUENCY

- USA - FCC: 2412~2462MHz (Ch1~Ch11)
- Canada - IC: 2412~2462MHz (Ch1~Ch11)
- Europe - ETSI: 2412~2472MHz (Ch1~Ch13)

### TYPICAL RF OUTPUT POWER

- 11n Mode: 7dBm @ 130Mbps/HT20, 7dBm @ 300Mbps/HT40
- 11g Mode: 15dBm @ 54Mbps
- 11b Mode: 18dBm @ 11Mbps

### TEMPERATURE

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

### HUMIDITY

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

### DIMENSIONS

- 115 x 54 x 6 mm
- 4.5 x 2.1 x 0.24 in

### WEIGHT

- 0.04Kg
- 0.09lbs

### 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 , XP or Vista
- A Notebook computer with:
  - 300MHz CPU or above
  - Available PC Card slot
  - 20MB of available hard disk space
  - CD-ROM drive
- We recommend using this product with SMC's Barricade™ N Routers

### PACKAGE CONTENTS

- EZ Connect™ N Wireless Cardbus Adapter (SMCWCB-N2)
- EZ Installation Wizard & Documentation CD
- Quick Installation Guide
- Warranty Information Card

### WARRANTY

- Limited Lifetime

\* The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance

\* The Wi-Fi Protected Setup Mark is a mark of the Wi-Fi Alliance

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