

SMCWCB-N EZ Connect™ N Pro Draft 11n Wireless Cardbus Adapter



OVERVIEW

The EZ Connect™ N Pro Draft 11n Wireless Cardbus Adapter (SMCWCB-N) is another cutting edge introduction in 2.4GHz wireless communication for your notebook computer. Designed for both the home and office, this Wireless Cardbus adapter provides the speed, coverage, and security expected by today's wireless users. The SMCWCB-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 SMCWCB-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 SMCWCB-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 SMCWCB-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 SMCWCB-N into an available PCMCIA Type II or Type III slot on your notebook computer and you are ready to enjoy the freedom of wireless networking. The SMCWCB-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.
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.



TECHNICAL SPECIFICATIONS

SMCWCB-N

EASE OF USE

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

SECURITY FEATURES

- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre Shared Key)

QUALITY-OF-SERVICE (QOS)

- WMM (Wi-Fi Multimedia)

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: 10dBm (MCS7/15), 19dBm (MCS0/8)
- 11g Mode: 18dBm
- 11b Mode : 19dBm

TEMPERATURE

- Operating: 0° degrees C to 40° degrees C
- Storage: -10° degrees C to 70° degrees C

HUMIDITY

- Storage: 10% to 90% Non-condensing

DIMENSIONS

- 53.95 x 122.4 x 10.1mm
- 2.1 x 4.8 x 0.4in

WEIGHT

- 0.05Kg
- 0.11lbs

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 Notebook with:
 - 300MHz CPU or above
 - Available PCMCIA Type II or Type III 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 Cardbus Adapter (SMCWCB-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

SMC NETWORKS AUSTRALIA

www.smc-australia.com.au

1/14 Wellington Street,

ACACIA RIDGE QLD 4110 Australia

1300 725 323