

# WLAN-9030 WLAN-9030B WLAN-9060

11 Mbps Wireless LAN PCMCIA Adapter (Antenna Detachable)

11 Mbps Wireless LAN PCMCIA Adapter (Antenna Integrated)

11 Mbps Wireless LAN PCI Reader



## Features:

- Supports PCMCIA type II standard (WLAN-9030/9030B)
- Supports PCI v2.1 standard (WLAN-9060)
- Supports 1, 2, 5.5 and 11 Mbps data rate.
- Supports Ad-hoc, peer-to-peer, infrastructure network
- Wireless connection without the cost of cabling.
- Supports Windows 95/98/NT/2000, Linux drivers.
- Provides windows configuration utility: easy to self-diagnose

## Introduction

The WLAN-9030 is a 11Mbps wireless LAN PCMCIA adapter which fits into PCMCIA Type II slot. It delivers an optimal combination of range, throughput, low power consumption and interference immunity. Fully compliant with the IEEE 802.11(b), 11Mbps Wireless LAN standard, the WLAN-9030 features lots of powerful functions such as: various network support, high-security WEP40 protection, self-diagnostic configuration utility, Web management, SNMP and more. It's the perfect solution for laptop PC users and all other portable devices with standard Type II PCMCIA slots.

The WLAN-9060 is a 11Mbps Wireless LAN PCI adapter which is compliant with PCI v2.2 standard. It offers Plug & Play installation, and fits the most common bus on today's desktop PCs. Once installed, this connection allows your computer to immediately become a wireless extension of the existing wired network.

Being able to take your laptop or handheld anywhere in your workplace, the WLAN-9030/9060 connects to various networks to meet your requirements: Ad-hoc, peer-to-peer, infrastructure. It's more convenient and flexible for users to build up their networks. The WLAN-9030/9060 also provides seamless roaming in your enterprise or factory environments. You can roam to the different places and still can connect to the network via Access Point. To offer additional flexibility and mobility for users.

Besides, the WLAN adapter configuration utility provides three diagnostic tools: Site Survey, Link Quality Test, Access Point Browser. For Site Survey function, users can inspect wireless channel quality for current environment. For Link Quality Test function, users can test point-to-point communication quality. For Access Point Browser function, it will display all active Access Points in your site.

## Specification:

- **Compatibility:** PCMCIA Type II (WLAN-9030/9030B)  
PCI V2.1 (WLAN-9060)
- **Antenna:** Detachable assorted antenna or Built-in assorted antenna
- **Range:** 800 feet in open space

- **Data Rate:** 11, 5.5, 2 and 1 Mbps per channel
- **Power Consumption:** Tx 3.3 V, 400 mA (max)  
Rx 3.3 V, 200 mA (max)
- **Output Power:** 13 dBm
- **Voltage:** 3.3 V & 5 V<sub>DC</sub>
- **Network Architecture Types:** Supports ad-hoc and infrastructure, roaming (standard IEEE802 11b compliant)
- **Sensitivity:** -83 dBm (at 1E-5 BER)
- **Modulation :** CCK (11 Mbps, 5.5 Mbps), DQPSK (2 Mbps), DBPSK (1 Mbps)
- **Support OS:** Windows 95/98/2000/NT/CE, Linux, FreeBSD
- **Simultaneous Channels Support:**  
11 channels N. America (2.412 GHz ~ 2.462 GHz)  
14 channels Japan/TELEC (2.412 GHz ~ 2.472 GHz)  
13 channels Europe/ETSI (2.412 GHz ~ 2.472 GHz)
- **LED Indicators:** Link/Power
- **Working Temperature:** 0 ~ 70° C
- **Storage Temperature:** -20 ~ 80° C
- **Humidity (non-condensing):** 5 ~ 80° C

## Ordering Information

- ❑ **WLAN-9030A/WLAN-9030E/WLAN-9030J**  
11 Mbps Wireless LAN PCMCIA Adapter for US/European/Japan standard (Antenna Detachable)
- ❑ **WLAN-9030BA/WLAN-9030BE/WLAN-9030BJ**  
11 Mbps Wireless LAN PCMCIA Adapter for US/European/Japan standard (Antenna Integrated)
- ❑ **WLAN-9060**  
11 Mbps Wireless LAN PCI reader, W/O WLAN-9030
- ❑ **ANT-2013**  
Non-directional antenna, 0 dBi, 2 W
- ❑ **ANT-2014**  
Non-directional antenna, w/MMCX connector 0 dBi, 10 W
- ❑ **Connect-3010**  
30 cm MMCX-SMA type connector

CE FCC ETSI