

# Wireless PCMCIA Card 802.11a/b/g

The 065-1751 Wireless 11a/b/g CardBus Adapter offers high-speed wireless connection with a data rate up to 108 Mbps. It can provide the speed you need for large file download, digital video and audio transmissions. 065-1751 supports seamless roaming from cell to cell in all types of wireless networks. You can place your notebook anywhere at home or in the office building without any wire limitation. The 065-1751 supports advanced security features including 64/128-bit Wired Equivalent Privacy (WEP) & WPA encryption for more secured user network environment.



Model 065-1751

## Wireless PCMCIA Card 802.11a/b/g

PART NO.	DESCRIPTION
065-1751	Signamax Wireless 5 GHz PCMCIA Card 802.11a/b/g

## BENEFITS

- Dual-Band wireless adapter connects your desktop PC to 802.11a, 802.11b, 802.11g wireless networks
- Protects your wireless communications with up to 128-bit encryption
- Incredible data rates up to 108 Mbps

## FEATURES

- One adapter connects either 2.4 GHz (802.11b or 802.11g) or 5 GHz (802.11a) networks
- Advanced security features with up to 128-bit WEP encryption and WPA
- Easy to setup

## SPECIFICATIONS

### INTERFACE

**Host Interface:** CardBus Interface  
**LED indicator:** Power, Network Link  
**Antenna:** Integrated Dual Band diversity antenna

### RADIO CHARACTERISTICS

**Standard:** IEEE 802.3, 802.3u, 802.11a, 802.11b, 802.11g  
**Frequency Band:** 802.11a: US: UNI-Band 5.15 – 5.35 GHz  
 EU: UNI-Band 5.15 – 5.35 GHz, UNI-Band 5.47 – 5.725 GHz  
 802.11b/g: ISM band 2.4 – 2.4835 GHz  
**Modulation:** 802.11a/g: OFDM  
 802.11b: CCK, DQPSK, DBPSK  
**Receive Sensitivity:** 802.11a: -70dBm @54 Mbps 10% PER  
 802.11g: -72 dBm @ 54 Mbps 10% PER  
 802.11b: -88 dBm @ 11 Mbps 10% PER  
**Transmit Power:** 802.11a: 11 – 18 dBm; 802.11g: 15 – 19dBm  
 802.11b: 18 ±1dBm  
**Data Rate:** 802.11a<sup>1</sup>: 54, 48, 36, 24, 18, 12, 9, 6 Mbps per channel, auto fallback; 802.11b: 11, 5.5, 2, 1 Mbps per channel, auto fallback  
 802.11g<sup>2</sup>: 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps per channel, auto fallback  
**Operating Range<sup>2</sup>:** 802.11a: Up to 50 m (Indoor)  
 802.11g: Up to 100 m (Outdoor)

### ENVIRONMENTAL

**Dimension (L x W x H):** 120 x 54 x 8 mm  
**Weight:** 42 g  
**Security:** 802.11a: 64/128-Bit WEP, WPA  
 802.11b/g: 64/128-Bit WEP, WPA  
**Temperature:** 0° – 60°C (Operating), -20° – 80°C (Storing)  
**Humidity:**  
 Operating 10-85% Non-Condensing  
 Storage 5-90% Non-Condensing  
**Operating Voltage:** 3.3V ±5%

### REQUIREMENT

**Operating Systems:** Win98SE/ME/2000/XP/Vista

### CERTIFICATION

FCC, CE

### WARRANTY

2 years

### PACKAGE CONTENT

Dual-Band Wireless 802.11a/b/g CardBus Adapter  
 Setup CD-ROM with User Guide, Quick Installation Guide

<sup>1</sup> Support enhanced proprietary Super Mode up to 108 Mbps

<sup>2</sup> The transmission speed varies in the surrounding environment