Wireless PCI Card 802.11b/g

Signamax 065-1798 let you connect your desktop computer to a wireless network, and is suitable for small offices, home offices and places where cable can not be installed. PCI card complies with 802.11b/g in 2,4 GHz frequency band. Users connected will enjoy faster downloads and truly instant email communication at transfer rates of up to 54 Mbps.

It provides superior performance and interoperability within mixed mode network. For more secure communication, the 065-1798 support the encryption settings up to 128-bit WEP, WPA, WPA2 (TKIP/AES). 065-1798 is compliant with PCI 2.2 standard and supports most of operating systems—Windows 98/ 2000/XP/Vista, MAC OS and Linux too.

Model 065-1798

FEATURES & BENEFITS

- **Complies with IEEE 802.11b/g**
- **Compliant with PCI 2.2 Standard**
- **High security—WEP, WPA, WPA 2, 802.1x**
- **Supports Windows, MAC OS and Linux**
- **Lower power consuption**
- **Easy to install and configure**

Wireless PCI Card 802.11b/g

PART NO.	DESCRIPTION
065-1798	Signamax PCI card 802.11b/g, 54 Mbps, ext. antenna, SMA male rev.

SPECIFICATIONS

Standard: IEEE 802.11b, IEEE 802.11g
Bus Type: 32-bit PCI bus
Protocols: TCP/IP
Modulation Technology:
IEEE 802.11b: DSSS
IEEE 802.11g: OFDM
Modulation Method:
IEEE 802.11b: DBPSK / DQPSK / CCK
IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM
Data Rate: IEEE 802.11b: 1, 2, 5.5, 11 Mbps
IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
Operation Mode: Ad hoc, Infrastructure, Soft AP
Transmitter Power: 17 (±2) dBm @11b, 14 (±2) dBm @ 11g
Receive Sensitivity:
Operating at 11 Mbps: < -80 dBm @ 8% FER,
54 Mbps: < -68 dBm @ 8% FER
Operating Range: Up to 300m, depending on surrounding environment
Antenna: External Antenna (2 dBi)
Power Consumption:
Transmit: around 616 mA @ 11b, 432 mA @ 11g
Receive: around 377 mA

Security: 64-bit, 128-bit WEP/ WPA / WPA2 (TKIP/AES)
LED: Red/Green LED indicator
Operating System: Windows XP/2K/CE/Vista,
MAC OS, Linux

ENVIRONMENTAL
Transmit Output Power: Up to 17dBm
Operational Voltage: 3.3/5V
Power Consumption: Tx < 350 mA/Rx < 200 mA
Operating temperature: 0° – 55°C
Storage temperature: -5° – 70°C
Humidity: 0-90% Non-Condensing
Certifications: FCC, CE
Warranty: 2 years

SYSTEM REQUIREMENTS
Computer with CPU PII 366 MHz or better
128 MB RAM or better
CD-ROM Drive
1 PCI slot

SIGNAMAX™
CONNECTIVITY SYSTEMS