Wireless PCI Card 802.11a/b/g

Signamax 065-1750 Wireless 11a/b/g PCI Adapter offers high-speed wireless connection with a data rate up to 108 Mbps. 065-1750 supports seamless roaming from cell to cell in all types of wireless networks. You can place your desktop computers anywhere at home or in the office building without any wire limitation. The 065-1750 supports advanced security features including 64/128-bit Wired Equivalent Privacy (WEP) & WPA encryption for more secured user network environment.

The 3dBi high gain Antenna makes 065-1750 more sensitive to the wireless surrounding. Wider and longer receiving range increases your Internet access mobility and still provides the speed you need for large file download, digital video and audio transmissions.

Model 065-1750

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SPECIFICATIONS

INTERFACE
Host Interface: PCI rev2.3 Interface
LED indicator: Activity, Network Link
Antenna: Dual Band a: 3dBi antenna / b: 1dBi

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: -70 dBm @ 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 – 19 dBm
802.11b: 18 ±1 dBm
Data Rate:
802.11a: 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: 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps
per channel, auto fallback
Operating Range:
802.11a: Up to 50 m (Indoor)
802.11g: Up to 100 m (Indoor)

ENVIRONMENTAL
Dimension (L x W x H): 147 x 120 x 20 mm
Weight: 104 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 PCI Adapter
Setup CD-ROM with User Guide, Quick Installation Guide

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**

BENEFITS

• **Dual-Band wireless adapter connects your destop 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**

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PART NO.	DESCRIPTION
065-1750	Signamax Wireless 5 GHz PCI Card 802.11a/b/g

www.signamax.eu