



# Wireless G PCI Card

## Get the most from your wireless network.

Model  
524575

The INTELLINET NETWORK SOLUTIONS™ Wireless G PCI Card is a compact high-speed adapter that allows you to connect your desktop computer to wireless networks at faster speeds than before. Now you can transfer or receive digital images, videos and MP3 files faster than ever, connecting to the wireless network with link speeds of up to 54 Mbps using proven and reliable Wireless G technology. This PCI card is compatible with 802.11b and 802.11g wireless access points and wireless routers, giving you the flexibility to start upgrading your wireless network without the need to replace your existing equipment.

### Increased Throughput

The Wireless G PCI Card supports up to 54 Mbps network link speed,\* providing you with optimum throughput for your data networking applications. Whether you are downloading music, images or large text files, the Wireless G PCI Card will optimize the performance of your wireless network, allowing you to spend your time more productively.

### Wireless Network Security

The Wireless G PCI Card provides advanced security encryption and decryption using industry standard techniques such as 64/128-bit WEP, WPA (TKIP with IEEE 802.1x) and WPA2 (AES with IEEE 802.1X), ensuring that your data is secure as it is sent through the wireless network.

### Compatible with 802.11b and 802.11g

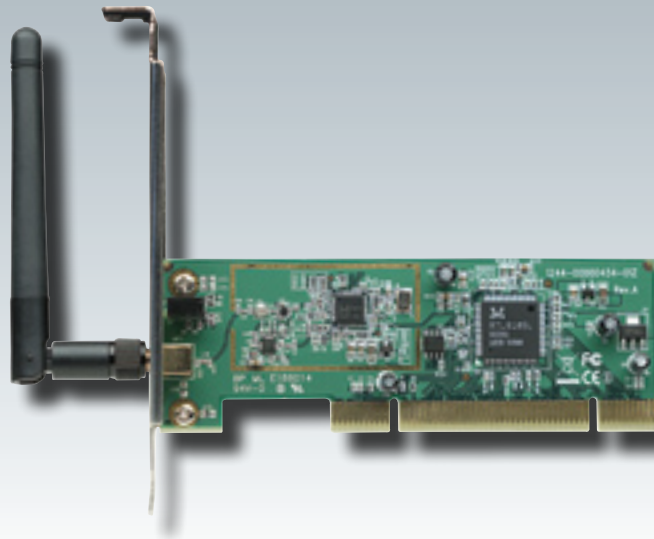
This product is fully compatible with the IEEE 802.11b and 802.11g standards and can be used to connect to existing 802.11b/g routers and wireless access points.

### Lifetime Warranty

Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.

\* Actual data throughput will vary. Network conditions and environmental factors — including volume of network traffic, building materials and construction, and network overhead — lower the actual data throughput rate.





**Model**  
524575

## Features

- Connects your desktop PC to a wireless network
- Up to 54 Mbps network data transfer rate
- Detachable 2 dBi dipole antenna
- Supports WEP (64/128 bit), WPA and WPA2 data encryption
- Supports WMM (Wi-Fi Multimedia) for increased multimedia data throughput
- Windows 2000/XP/Vista compatible
- Lifetime Warranty

## Specifications

### STANDARDS

- IEEE 802.11b (11 Mbps Wireless LAN)
- IEEE 802.11g (54 Mbps Wireless LAN)
- IEEE 802.11e (Wi-Fi Multimedia (WMM))
- IEEE 802.11i (Wireless Encryption)
- IEEE 802.1X (RADIUS Authentication)

### GENERAL

- Bus type: 32-bit PCI card
- Chipset: Realtek 8185L
- Frequency band: 2.4000 – 2.4835 GHz (Industrial Scientific Medical Band)
- Security:
  - 64/128-bit WEP data encryption
  - WPA and WPA2
  - IEEE 802.1X RADIUS Authentication
- Maximum coverage distance: 100 m / 328 ft. (indoor), 300 m / 980 ft. (outdoor)
- Certification: FCC Class B, CE Mark

### LEDs

- Link
- Tx/Rx

### SYSTEM REQUIREMENTS

- Desktop PC with Pentium 300 MHz-compatible processor or higher
- Windows 2000/XP/Vista
- Available 32-bit PCI slot

### ENVIRONMENTAL

- Dimensions: 19 (H) x 127 (W) x 121 (D) mm (0.7 x 5 x 4.7 in.)
- Weight: 0.25 kg (0.4 lbs.)
- Operating temperature: 0 – 55°C (32 – 131°F)
- Operating humidity: 10 – 95% RH, non-condensing
- Storage temperature: 0 – 70°C (0 – 158°F)

### PACKAGE CONTENTS

- Wireless G PCI Card
- Antenna
- Setup CD and user manual

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).



Copyright © INTELLINET NETWORK SOLUTIONS