



# Gigabit PC Card

**Model**  
150057

Upgrade your notebook computer to operate at Gigabit speeds on the LAN while keeping it backward compatible with 100Base-T and 1000Base-TX based networks. And there is no need to switch to fiber optic cable – the INTELLINET NETWORK SOLUTIONS Gigabit PC Card allows you to run Gigabit speeds over your existing copper wire network cable.

## **Faster Throughput**

As applications become more data intensive, the ability to transfer data at faster speeds becomes more of a need than a luxury. The Gigabit PC Card is designed to support 1 Gbps network speed, 10 times faster than 100Base-TX Ethernet and 100 times faster than 10Base-T Ethernet.

## **Auto Negotiation**

The Gigabit PC Card will automatically detect the network speed that the LAN switch port is set to and run at the same speed. The card supports 10Base-T Ethernet, 100Base-TX Fast Ethernet and 1000Base-T Gigabit Ethernet.

## **Full Duplex**

When running in full duplex mode, the Gigabit PC Card provides the following throughput rates: 20 Mbps (10Base-T Ethernet), 200 Mbps (100Base-TX Fast Ethernet) and 2 Gbps (1000Base-T Gigabit Ethernet).

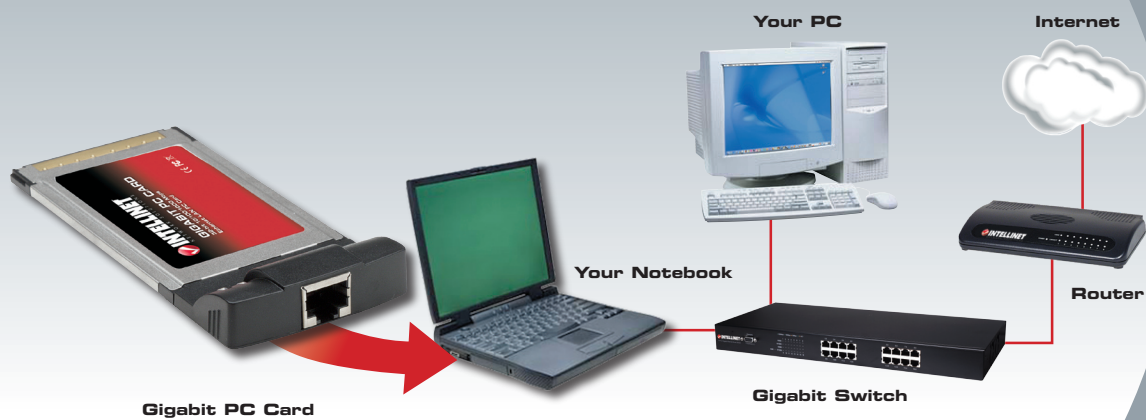
## **Built-in Diagnostics**

The Gigabit PC Card comes standard with crossover detection, auto correction and pair swap/polarity/skew correction to make installation and maintenance a snap.

## **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.





**LIFETIME WARRANTY**

**Model 150057**

## Features

- Built-in Gigabit RJ-45 port (no dongle required)
- Low power consumption for maximum battery life
- Fits any Type II or Type III PCMCIA slot
- Hot Swappable
- Full duplex speeds (20 Mbps, 200 Mbps, 2000 Mbps)
- Auto-negotiation with next page capability
- Full duplex flow control (IEEE 802.3x)
- VLAN Tagging (IEEE 802.1Q)
- 8 kBytes Transmit buffer and 64 kBytes Receive buffer
- Marvell chipset
- Pair swap/polarity/skew correction
- Crossover detection & Auto-correction
- Microsoft NDIS5 Checksum Offload (IP, TCP, UDP) and large-send offload support
- Lifetime Warranty

## Specifications

### NETWORK

- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3ab (1000Base-T Gigabit Ethernet)
- RJ-45 Connector
- Ethernet 10 Mbps (half-duplex)
- Ethernet 20 Mbps (full-duplex)
- Fast Ethernet 100 Mbps (half-duplex)
- Fast Ethernet 200 Mbps (full-duplex)
- Gigabit 1000 Mbps (half-duplex)
- Gigabit 2000 Mbps (full-duplex)

### HARDWARE

- FCC Compliance, CE Mark
- Green LED: 1000 Link
- Red LED: ACT (TX/RX)

### ENVIRONMENTAL

- Dimensions: 2.13 W x 4.75 D x 0.5 H in. (5.4 x 12 x 1.28 cm)
- Weight: 39.7 g (1.4 oz.)
- Operating temperature: 0° – 50°C (32° – 122°F)
- Storage temperature: 20° – 70°C (4° – 158°F)
- Operating humidity: 10% to 90%, non-condensing
- Storage humidity: 5% to 95%, non-condensing

### SUPPORTED OS

- Windows 2000
- Windows 2003 Server
- Windows XP Server

### PACKAGE CONTENTS

- Gigabit PC Card
- User Manual
- Setup CD



**INTELLINET**  
NETWORK SOLUTIONS

BRINGING NETWORKS TO LIFE

Copyright © INTELLINET NETWORK SOLUTIONS

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

All names of products or services mentioned herein are trademarks or registered trademarks of their respective owners. Distribution and reproduction of this document, and use and disclosure of the contents herein, are prohibited unless specifically authorized.