



LevelOne

User Manual

GNC-0112

Gigabit Ethernet PCIe Card

Ver. 1.0



Product Introduction

This Gigabit Ethernet PCI-Express Card is a high performance 10/100/1000 BASE-T Ethernet LAN controller which designed by RTL8168E chipset, is perfectly for home and office use. It provides a low cost solution for connecting to a high speed Local Area Network with a data transfer rate up to 1000Mbps over a group of 4 twisted pair copper wires to a distance of maximum 100 meters away. It is 100 times faster than, and yet 100% fully backward compatible with 10/100BASE-T system, therefore, it can be easily plugged into almost any existing network with CAT-5 cabling.

Features & Specification

- › Complies with PCI-Express Revision 1.1
- › PCI-Express 1-Lane (x1) interface
- › Supports standard and low profile chassis
- › A high performance 1000BASE-T Ethernet controller card
- › Backward compatible to 10/100BASE-T networking
- › 10/100/1000Mbps data rate auto negotiation operation
- › Compatible to existing CAT-5 UTP cabling
- › Fully compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab
- › Supports half / full duplex mode and 802.3x Flow Control
- › Supports IEEE802.1P Layer2 Priority Encoding
- › Supports IEEE 802.1Q VLAN tagging
- › Crossover Detection and Auto Correction operation
- › Supports power down/link down power saving
- › Wake-on-LAN and remote wake-up function support

Remarks

Low profile version is available

System Requirements

Windows® 2000, XP/2003/Vista /Win7 (32/64 bit)

PCI Express-enabled system with an available PCI Express slot

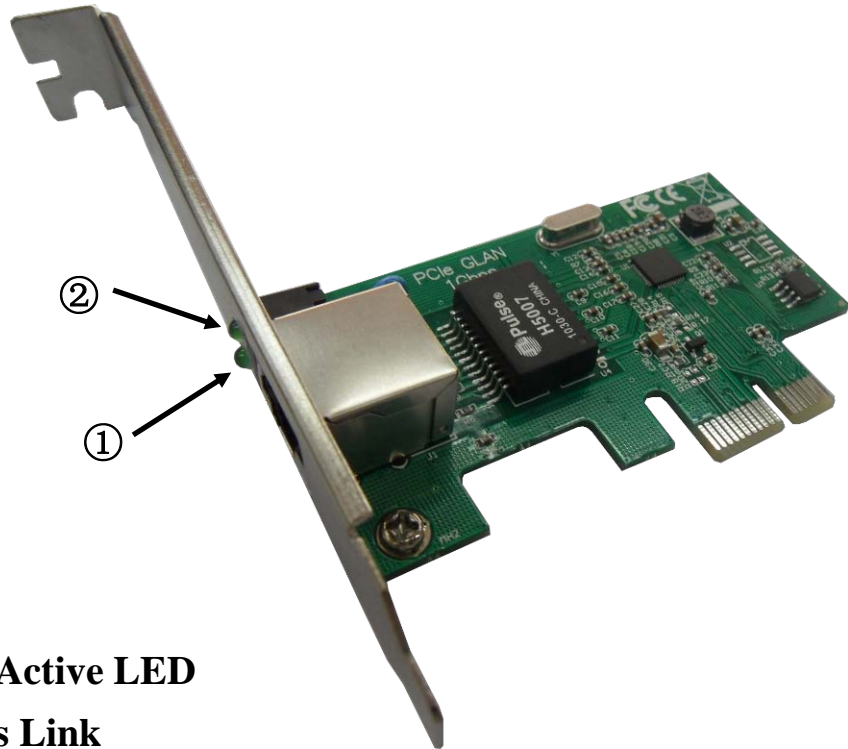
Package Contents

GNC-0112

Quick Installation Guide

CD-ROM With Manual/QIG/Driver

Hardware Description



① 100 Link/Active LED

② 1000Mbps Link

LED Indicators

The following table provides descriptions of the LED status and their meaning.

LED	Color	Status	Description
100/Active	Green	ON	The port is connecting with 100 Mbps
		BLINK	Sending/Receiving Packets
1000Mbps	Green	ON	The port is connecting with 1000 Mbps