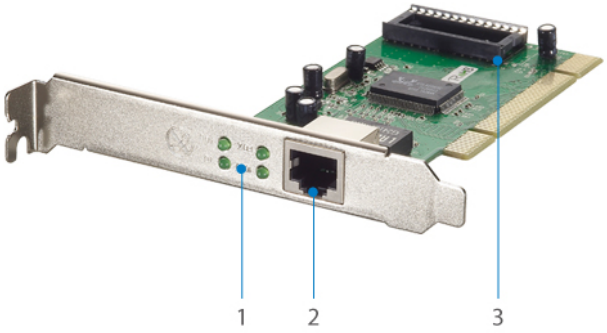
GNC-0105T Version: 5

Gigabit PCI Network Card

The LevelOne GNC-0105 is a 32-Bit Gigabit Ethernet PCI Adapter for desktop computers. It supports 1000Mbps half-duplex and 2000Mbps full-duplex dataflow for Windows 2000/ XP/ Vista/ 7 and Win 8 based operating systems.
The Gigabit GNC-0105 PCI Adapter from LevelOne is Plug-and-Play enabled and does not require any additional software installation. It supports 802.1Q priority queuing for optimized data traffic and provides Auto-MDII/MDI-X on the RJ-45 LAN port.

The diagnostic LED indicates network connection Link Speed and Activity.

The GNC-0105 complies with FCC, CE and C-Tick regulations.



1. LEDs (Link / Activity)
2. RJ-45 Input Port
3. Boot ROM Socket

Key Features

- 10/100/1000Mbps wire speed transmission and reception
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- IEEE 802.1Q VLAN allows network segmentation to enhance performance and security
- Auto-sensing on network speed connectivity
- Simple Plug and Play installation
- LED indicator for monitoring link/activity
- Supports Windows 2000/XP/Vista/7

Related Product

GSW-0807
8-Port Gigabit Switch

WGR-6013
300Mbps Wireless Gigabit Router

Specifications

System Specifications

Connectors and Cabling:
1x 10/100/1000Base-T RJ-45 Port
32-bit 33/66Mhz PCI Rev.2.1/2.2

Indicator:
1000/100/10Mbps, Link/Activity

Standards & Protocols:
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3ab 1000BASE-T, Gigabit Ethernet
IEEE 802.3x Full-duplex Flow Control
IEEE 802.1P Priority Queuing
IEEE 802.1Q Virtual LANs (VLANs)

Features

General:
Network Cable and maximum Length:
Ethernet: 2 pair UTP Cat. 3,4,5 EIA/TIA-568 100-ohm screened twisted-pair (STP)
Fast Ethernet: 2 pair UTP Cat. 5 EIA/TIA-568 100-ohm screened twisted-pair (STP)
Gigabit Ethernet: 4 pair UTP Cat. 3,4,5 EIA/TIA-568 100-ohm screened twisted-pair (STP)

Performance

Data Transfer Rate:
Ethernet: 10Mbps half-duplex, 20Mbps full-duplex
Fast Ethernet: 100Mbps half-duplex, 200Mbps full-duplex
Gigabit Ethernet: 1000Mbps half-duplex, 2000Mbps full-duplex

Environment

Temperature (°C):
Operating: 0°C ~ 45°C

Humidity (Non-condensing):
Operating: 10% ~ 95%

Physical Specifications

Dimensions (W x D x H mm):
121 x 45 mm

Weight (g):

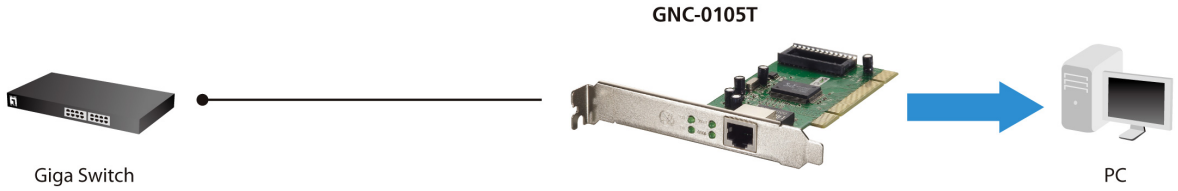
160g

Others

Approval and Compliance:
FCC Class, CE mark Class, C-Tick

Operation Systems:
Supports Windows 2000/ XP/ Vista/ 7/ 8

Diagram



Order Information

GNC-0105T

Package Contents

Quick Installation Guide
Resource CD (User Manual, Driver)

No liability or responsibility for any errors or omissions in the content.
Specifications are subject to change without notice.

All mentioned brand names are registered trademarks and property of their owners.
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.