

32-Bit Gigabit Ethernet PCI Adapter

Product Overview

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 98SE/ME/2000/XP and Vista based operating systems.

Gigabit PCI Adapter

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.



GNC-0105

Key Features

- Gigabit Ethernet PCI Adapter
- Supports 802.3x Flow Control
- Supports 802.1Q Priority Queuing
- Auto-Sensing network connectivity
- Link and Activity diagnostic LEDs
- 32-Bit interface
- Plug-and-Play for easy installation
- Supports Windows 98SE/ME/2000/XP/Vista

Technical Specification

Standard Conformance

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-T Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- IEEE802.3x Flow Control
- IEEE802.1Q priority queuing support

Network Interface

- RJ45 STP Auto-MDII/MDI-X Port

Host Interface

- 32-bit 33/66Mhz PCI Rev.2.1/2.2

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)

Network 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

Supported OS

- Windows 98SE / Me /2000/ XP / Vista

Diagnostic LEDs

- 1000/100/10Mbps, Link/Activity

Physical Characteristics

- Operating Temperature: 0°C to 45°C
- Operating Humidity: 10% to 95% RH
- Dimension: 121 (W) x 45 (H) mm
- Weight: 160g

Certifications

- FCC Class
- CE mark Class
- C-Tick



Gigabit PCI Adapter GNC-0105

H/W ver: v4.x

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Order Information

GNC-0105: 32Bit Gigabit Ethernet PCI Adapter

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