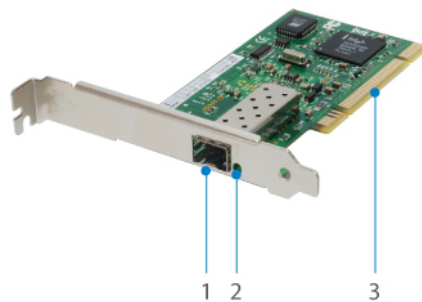




GNC-0100 Version: 1

## Gigabit Fiber PCI Network Card, 1 x SFP

The LevelOne GNC-0100 Gigabit network card facilitates high-speed connectivity within a fiber-optic network. Wake-on-LAN functionality allows remote start-up and shutdown, while Interrupt Moderation technology delivers increased performance while reducing CPU load. The network card supports 32 bit PCI 1.0 and PCI 2.2 bus, as well as supporting multiple operating systems.



1. Fiber Ports
2. LED Indicator (Link / Activity)
3. PCI Slot

### Key Features

- Built-in Wake-on-LAN feature to startup computers remotely
- Supports 32 bit PCI 1.0 and PCI 2.2 bus
- Supports remote management (WfM, RIS, SNMP/DMI)
- Supports most network operating systems (NOS)
- Interrupt Moderation: Delivers increased performance while significantly reducing CPU utilization

### Specifications

#### System Specifications

##### Standards & Protocols:

IEEE 802.3ab 1000BASE-T, Gigabit Ethernet  
IEEE 802.3x Flow Control (full-duplex flow control)  
IEEE 802.1Q Virtual LANs (VLANs)

##### Port:

SFP Multi-Mode Fiber

##### Bus Interface:

PCI 32bit Signaling (PCI 2.2 66MHz)

**Indicator:**

Link/Activity; Full-duplex Activity

**Data Rate:**

1000Mbps fast ethernet ,Full duplex or half-duplex operation,reach 2000Mbps in full duplex

## Features

**General:**

Full-height and low profile, screw-on brackets included with each adapter, for installation in high-density 1U and 2U servers

Interrupt Moderation, Delivers increased performance while significantly reducing CPU utilization

Large Send Off-load/TCP Segmentation Off-load, which enables wire speed performance with low CPU utilization

Supply switch device for fault tolerance and checking, use for checking compliant,extent normal working time.

**Management:**

Wired for Management (WfM) Baseline v2.0 Enabled for Servers

DMI 2.0 Support, WMI & SNMP-manageable,Offline Diagnostics

Intel® Boot Agent,ACPI Power Management,Wake on LAN\*

## Environment

**Operating Temperature (°C):**

Operating: 0°C ~ 50°C

**Operating Humidity (Non-condensing):**

Operating: 5% ~ 90%

## Physical Specifications

**Dimensions (W x D x H mm):**

165 x 57.5 X17mm

**Weight (g):**

60g

## Approval and Compliance

**EMI/EMS:**

FCC Class B, CE, RoHS

## Others

**Operation Systems:**

Windows XP/ Vista

Windows Server 2000/2003/2008

Windows 98/98SE/NT4.0/NT

Windows CE/CE net5.0

Windows Server 2000

Microsoft Client for DOS

NetWare 5.0

OpenUNIX 8.0(Caldera)

UnixWare 7.x

Novell ODI

FreeBSD 4.7 to 5.x

Intended for 2.2 through 2.6.x kernels

Sun Solaris x86

## Order Information

GNC-0100

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## Package Contents

GNC-0100

Low Profile Bracket

Quick Installation Guide

Resource CD (User Manual, Driver)

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