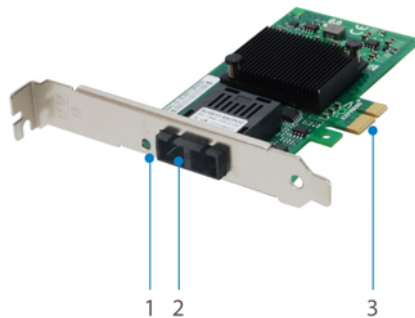


GNC-0111 [REDACTED] [REDACTED]: 2

Gigabit Fiber PCIe Network Card, Multi-Mode, SC

The LevelOne GNC-0111 Gigabit network card facilitates high-speed connectivity within a fiber-optic network, with PCI Express (v1.1 compliant) supporting speeds of up to 2 Gbps in full-duplex mode. Wake-on-LAN functionality allows remote start-up and shutdown. The network card supports 32 bit PCI 1.0 and PCI 2.2 bus, as well as supporting multiple operating systems. IEEE 802.1Q VLAN allows network segmentation, further enhancing performance and security.



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

Key Features

- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- High-speed gigabit network card with PCI Express v1.1 compliant
- Supports 2Gbps Full-Duplex mode
- IEEE 802.1Q VLAN allows network segmentation to enhance performance and security
- Full-Duplex Switching: 550m
- Supports on-board IP header verification and TCP/UDP checksum offload
- Supports most network operating systems (NOS)



System Specifications

Standards & Protocols:

- IEEE 802.3z 1000Base-X Gigabit Ethernet
- IEEE 802.3x Flow Control (full-duplex flow control)
- IEEE 802.1Q Virtual LANs (VLANs)
- IEEE 802.1p Quality of Service (QoS)
- IEEE 802.3ad Link Aggregation Control Protocol (LACP)



Connectors and Cabling:

850nm SC Multi-Mode Fiber
PCI-e x1 bus (PCI-e Rev. 1.1 Interface)

Indicator:

Link/Activity; Full-duplex Activity

Features

General:

Performance Gigabit Ethernet Throughput
TCP/IP Offloading
Accelerated iSCSI
Load Balancing
Checksum and Segmentation Offloads, and Interrupt Coalescing
Scalability and Reliability

Management:

SNMP

Performance

Data Transfer Rate:

1000 Mbps, Half- and full-duplex

Operating Distance:

Fiber Optic Cable and Length
62.5/125µm, 50/125µm Multi-Mode up to 550m

Environment

Temperature (°C):

Operating: 0°C ~ 55°C

Humidity (Non-condensing):

Operating: 10% ~ 90%

Physical Specifications

Dimensions (W x D x H mm):

115 x 68 x 17mm

Weight (g):

70g

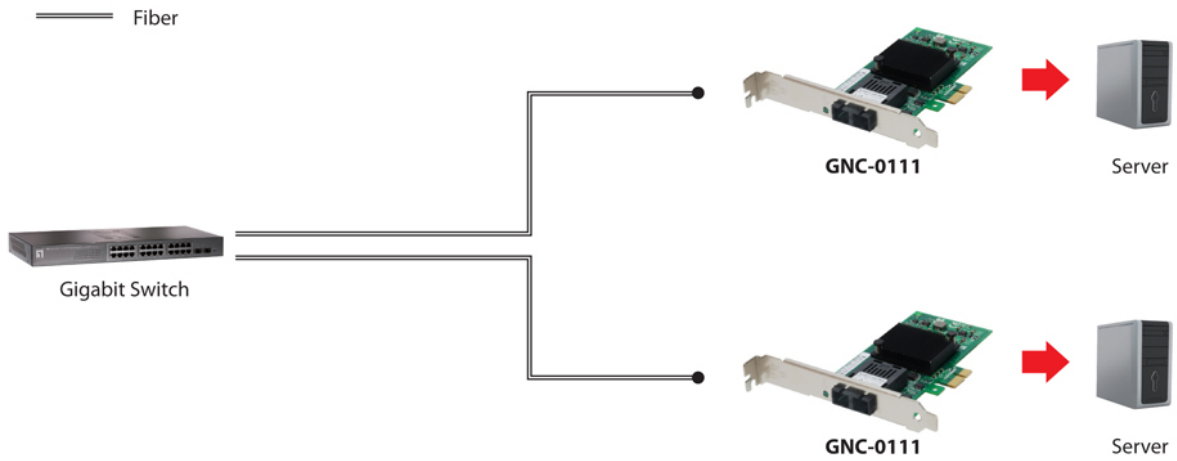
Others

Approval and Compliance:

FCC Class B; CE Mark; RoHS

Operation Systems:

Windows 98/ME/2000/NT4.0/2003/XP/Vista/7/8
Novel Netware 4.x, 5.x, 6.x
Linux
PXE & RPL Boot ROM



Order Information

GNC-0111

Package Contents

GNC-0111

Low Profile Bracket

Quick Installation Guide

Resource CD (User Manual, Driver)

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