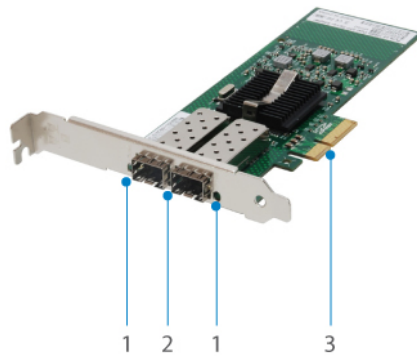GNC-0122 □□□□ □□: 1

Gigabit Fiber PCIe Network Card, Dual SFP, PCIe x4

The LevelOne GNC-0122 Gigabit network card facilitates high-speed connectivity within a fiber-optic network. Wake-on-LAN functionality allows remote start-up and shutdown, and the device offers flexibility by supporting iSCSI for remote boot. GNC-0122 also features an Intel PROSet Utility for Windows Device Manager, offers load balancing across multiple CPUs and is compatible with most Network Operating Systems.

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

Key Features

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- Supports iSCSI remote boot
- Load balancing across multiple CPUs
- Compatible with x4, x8, and x16 standard and low-profile PCI Express slots
- Supports most network operating systems (NOS)
- Intel® PROSet Utility for Windows* Device Manager

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System Specifications

Standards & Protocols:
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.1Q Virtual LANs (VLANs)
IEEE 802.1p Quality of Service (QoS)
IEEE 802.3ad Link Aggregation Control Protocol (LACP)

Connectors and Cabling:
DUAL SFP Port 1000Base-SX/LX
PCI Express* v2.0 (2.5 GT/s)
x4/x2/x1

Indicator:
Link/Activity

Power:
2.2w

Features

General:

Flow control, fault tolerance, load balancing, VLAN support, IPv6 support, Intel I/O Acceleration Technology (I/OAT), Virtual Machine Device Queues (VMDq)

Management:
On-board microcontroller
Advanced filtering capabilities
Preboot execution Environment (PXE) Support
Simple Network Management Protocol (SNMP) and Remote Network Monitoring (RMON) Statistic Counters
Wake-on-LAN support
iSCSI boot
Watchdog timer
IEEE 1588 precision time control protocol

Performance

Jumbo Frame (K):
9.5 K

Environment

Temperature (°C):
Operating: 0 ~ 55°C
Storage: -40 ~70 °C

Humidity (Non-condensing):
Operating: 5% ~ 95%
Storage: 5% ~ 95%

Physical Specifications

Dimensions (W x D x H mm):
160 x 68x17 mm

Weight (g):
83g

Others

Operation Systems:
Windows 2000/XP
Windows Vista/7/8
Windows Server 2003/2008/2008 R2/2012 R2
Novell Netware 5.x,6.x
Linux kernel version 2.6.30 or greater (x86_64) (w/ SR-IOV support)
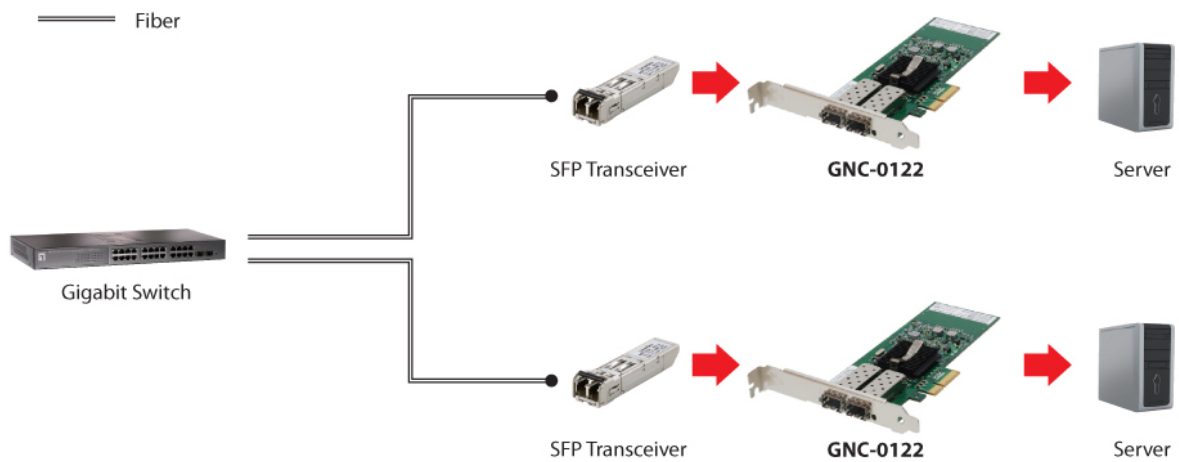FreeBSD 7.x OR laster
DOS
Novell ODI
OS 8 or laster
SCO Open Server
UnixWare / OpenUnix 8
Sun Solaris x86
OS Independent
VMware ESX

应用

Fiber

SFP Transceiver → GNC-0122 → Server

Gigabit Switch

SFP Transceiver → GNC-0122 → Server

Order Information

GNC-0122

Package Contents

GNC-0122
Low Profile Bracket
Quick Installation Guide
Resource CD (User Manual, Driver)