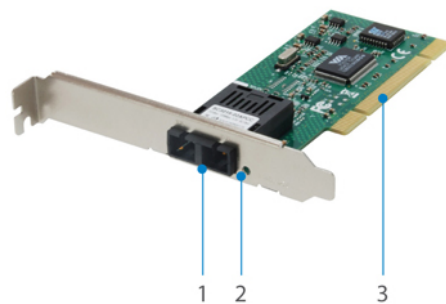FNC-0104FX Version: 4

Fast Ethernet Fiber PCI Network Card, 1 x SC Multi-Mode Fiber

The LevelOne FNC-0104 network card offers a broad feature set with high performance at a great price. The card has a Wake-on-LAN feature offering remote start-up and shutdown, two SC (multimode) jacks for TX/RX, and clearly visible diagnostic LEDs showing link, activity, collision and FDX. The network card also supports all current operating systems, including Linux

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

Key Features

- Built-in Wake-on-LAN feature to startup/shutdown computers remotely
- 2x SC (Multimode) jacks for TX/RX
- 50 or 62.5/125 optical fiber
- Half duplex: 412m max. fiber length
- Full duplex: 2000m max. fiber length
- Transmission and speed: PCI-Bus, 100Mbps full or half duplex
- Diagnostic LEDs for Link, Activity, Collision and FDX
- Supports all current OS including Linux
- Power consumption: 5V DC 2.0A

Specifications

System Specifications

Standards & Protocols:
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3ah 100Base-LX10 / -BX10 ethernet
IEEE 802.3x Flow Control (full-duplex flow control)
IEEE 802.1p Quality of Service (QoS)
IEEE 802.1Q Virtual LANs (VLANs)

Connectors and Cabling:
SC Multi-Mode Fiber Connector
32-bit 33/66Mhz PCI Rev.2.1

Indicator:
Link, FDX, Col, Activity

Power:
2W

Features

General:
Both full-height and low profile for small form factors
Support PXE Boot Rom
Supports 32-bit PCI 2.2 buses
support IP Unicast broadcast and multicast address filtering mechanism
support GVRP VLAN registration protocol
suppport TCP/IP, CPU Task Offload reduces host CPU use

Management:
Support DMI 2.0 and ACPI 1.0

Performance

Data Transfer Rate:
100Mbps fast ethernet ,Full duplex or half-duplex,reach 200Mbps in full duplex

Operating Distance:
Half-duplex Class II:
Hub Node to Node 205 m
Node to Hub 100 m
Hub to Hub 5 m
Half-duplex Switching:
Hub Node to Node 412 m
Node to Hub 412 m
Hub to Hub 412 m
Full-duplex Switching:
Hub Node to Node 2 km
Node to Hub 2 km
Hub to Hub 2 km

Environment

Temperature (°C):
Operating: 0°C ~ 50°C
Storage: 5°C ~ 55°C

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

Physical Specifications

Dimensions (W x D x H mm):
120 x 53 X 17mm
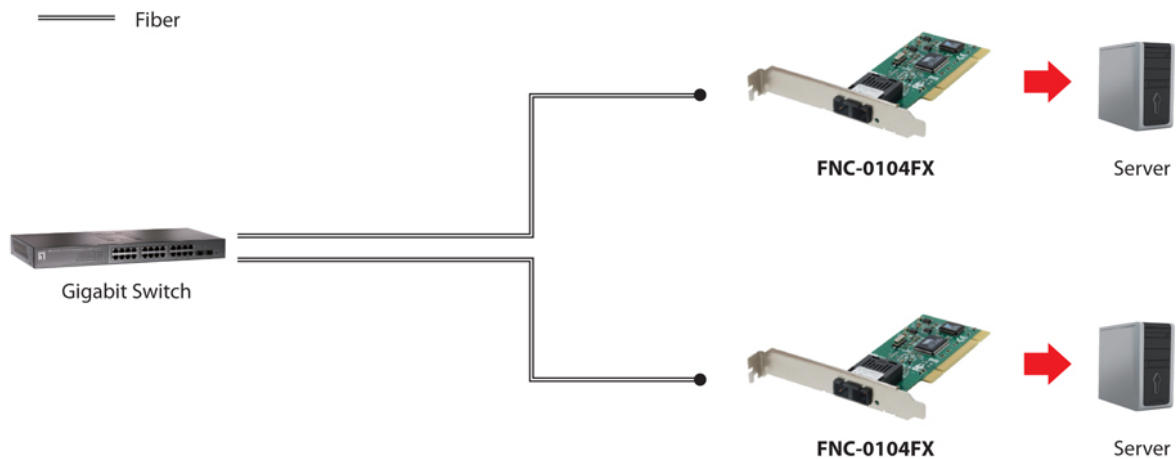
Weight (g):
53 g

Others

Approval and Compliance:
FCC Class B, CE, RoHS

Operation Systems:
Netware; Windows 2000/ XP/ Vista/ 7/ 8/ 10; OS/2 warp, IBM LAN Server; DEC Pathworks; Banyan Vines; Lantastic/AI; SCO Unix

Diagram

Order Information

FNC-0104FX

Package Contents

FNC-0104FX
Low Profile Bracket
Quick Installation Guide
Resource CD (User Manual, Driver)