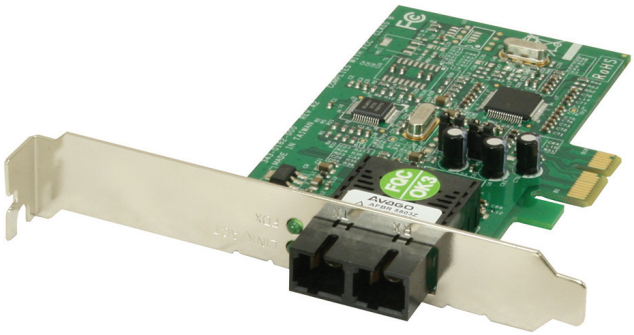
PCIe Gigabit Ethernet Fiber Network Interface Cards, 1000Base-SX



Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

- 10G, 25G, 40G & 100G product solutions
- Seamless interoperability with network equipment
- Multi-code options enabling different OEM vendors at each end of the cable
- 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
- Fast Delivery, Custom solutions
- Compatible with Over 90 Systems
- Savings of up to 70%

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PCIe Gigabit Ethernet Fiber Network Interface Cards, 1000Base-SX

1000Base-SX 850nm multimode (LC)

[62.5/125 µm fiber: 220 m/722 ft.]

[50/125 µm fiber: 550 m/1804 ft.]

Link Budget: 7.5 dB

Description

The N-GXE-xx-01 Series is a Fiber Gigabit Ethernet to PCIe bus adapter that fully complies with all IEEE 802.3z and 1000Base-SX standards. It provides up to 2000 Mbps full-duplex bandwidth capacity to support high-end servers. In addition, with advanced functions like VLAN filtering packet processing, the adapter provides enhanced performance, flexible configuration and secure networking for users in a standard-based environment. Two LED indicators (LINK/ACT and FDX) on the bracket will help to oversee the board link, activity and full-duplex status.

Features

- High bandwidth 1000 Mbps network speed
- Supports full-duplex mode
- Supports IEEE 802.3x Full-Duplex Flow Control
- Supports PCIe x1 bus
- Compliant with PCIe Rev.1.1 Interface
- Supports Jumbo Frame
- Supports High Level VLAN Filtering Function
- Supports IP headers and TCP/UDP checksums offload
- RoHS Compliance
- Supports on-board screening of VLAN tagged Ethernet frames
- Standard bracket attached, low-profile bracket included

Show product on manufacturers website: https://www.lantronix.com/products/

Technische Daten

Specifications

Artikelvarianten & Zubehör

Art.-Nr.	Beschreibung
N-GXE-LC-01	PCIe Gigabit Ethernet Fiber Network Interface Cards, 1000Base-SX

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