N-GxX-xC-03

PCI Gigabit Ethernet Fiber Network Interface Cards

1000Base-SX/LX

TRANSITION NETWORKS®

The N-GxX-xC-03 Gigabit Ethernet NIC provides a 1000Base-SX/LX fiber port, delivering fiber optic connectivity to the desktop for fiber rich LAN environments and works with both 32- and 64-bit PCI 2.2 bus slots. With both standard and low profile form factors, driver support for most common operating systems and plug-and-play capability, installation is a breeze in virtually any PC in your network.

Ordering Information

N-GSX-SC-03
1000Base-SX 850nm multimode (SC)
[62.5/125 µm: 220 m/ 722 ft.]
[50/125 µm: 550 m/ 1804 ft.]
Link Budget: 7.5 dB

N-GSX-LC-03
1000Base-SX 850nm multimode (LC)
[62.5/125 µm: 220 m/ 722 ft.]
[50/125 µm: 550 m/ 1804 ft.]
Link Budget: 7.5 dB

N-GLX-SC-03
1000Base-LX 1310nm single mode (SC)
[10 km/6.2 mi.] Link Budget: 10.5 dB

N-GLX-LC-03
1000Base-LX 1310nm single mode (LC)
[10 km/6.2 mi.] Link Budget: 11.5 dB

Features

- Supports 32/64-bit PCI 2.2 bus
- Supports 802.1P/Q VLAN filtering function
- Full-duplex flow control
- Plug-and-Play auto-configuration
- TCP, UDP & IP checksum off-loading
- Supports Jumbo Frames up to 9014 bytes
- Standard bracket attached, low-profile bracket included
- Supports 802.3ad Link Aggregation (LACP)
- Integrated Remote Boot types supported: PXE, RPL and BOOTP

Specifications

Standards	IEEE 802.3z IEEE 802.1P IEEE 802.1Q IEEE 802.3x IEEE 802.3ad
Bus Slot	PCI 2.2 bus 32/64-bit
Status LEDs	LINK/ACT (Link/Activity): ON = communication link; FLASHING = activity on link FDX (Full-duplex): ON = Full-duplex link
Software Support	NetWare Server 4.x, 5.x, 6.x NetWare DOS Client ODI Windows 98, ME, 2000, 2003, 10, NT 4.0, VISTA Linux SCO UnixWare 7.1.x SCO Open Server Solaris
Boot Server Support	PXE, RPL, BOOTP
Dimensions	Width: 2.2" [56 mm] Depth: 6.5" [165 mm] Height: 0.9" [23 mm]
Power Consumption	2.0A @ +5V
Environment	Operating: 0°C to 50°C Storage: -15°C to 65°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	1 lb. [0.45 kg]
Compliance	FCC Class A, CE Mark
Warranty	Lifetime