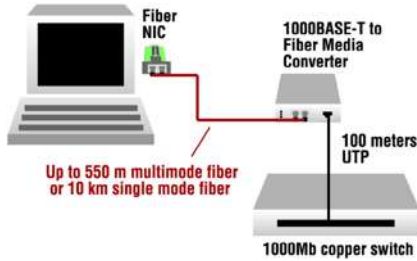


# Gigabit Ethernet 1000BASE-SX/LX

## Network Interface Cards

**N-GxX-xx-01(x)**

### Application



The Gigabit Ethernet NIC provides a 1000BASE-SX/LX fiber port to deliver fiber optic connectivity to the desktop in fiber rich LAN environments. With both standard and low profile form factors, driver support for most popular operating systems and PCI 2.2 plug-and-play capability helps make installation a breeze in virtually any PC in your network.

### Features

- ▶ Lifetime Warranty
- ▶ Supports 32/64-bit PCI 2.2 bus
- ▶ Supports 802.1P/Q VLAN tag
- ▶ Full-duplex flow control
- ▶ Plug-and-Play auto-configuration
- ▶ Wake-On-LAN (WOL) power management
- ▶ TCP, UDP & IP checksum off-loading
- ▶ Supports jumbo frames up to 9KB
- ▶ Both standard and low profile form factors

### Ordering Info

Product Number (standard profile)	Product Number (standard profile) 20-pack	Product Number (low profile)	Product Number (low profile) 20-pack	Port One
N-GSX-SC-01	N-GSX-SC-01-020	N-GSX-SC-01(L)	N-GSX-SC-01(L)-020	1000BASE-SX 850nm multimode (SC) [62.5/125µm: 220 m / 722 ft.] [50/125µm: 550 m / 1804 ft.]
N-GSX-LC-01	N-GSX-LC-01-020	N-GSX-LC-01(L)	N-GSX-LC-01(L)-020	1000BASE-SX 850nm multimode (LC) [62.5/125µm: 220 m / 722 ft.] [50/125µm: 550 m / 1804 ft.]
N-GLX-SC-01		N-GLX-SC-01(L)		1000BASE-LX 1310nm single mode (SC) [10 km / 6.2 miles]
N-GLX-LC-01		N-GLX-LC-01(L)		1000BASE-LX 1310nm single mode (LC) [10 km / 6.2 miles]

#### Optional Accessory (sold separately)

Product Number	Description
BTR-NGX-PXE	PXE Boot ROM



1000BASE-SX/LX

**NEW**

### Specifications

Standards	IEEE Std. 802.3™ IEEE Std. 802.1P IEEE Std. 802.1Q
Expansion Bus Standard	PCI 2.2 bus 32/64-bit, 33/66MHz
Fiber Optic Connector Specs	
N-GSX-SC-01(x) & N-GSX-LC-01(x)	Min TX PWR: -9.5 dBm Max TX PWR: -4.0 dBm Sensitivity: -18.0 dBm Max In PWR: 0.0 dBm Link Budget: 8.5 dB
N-GLX-SC-01(x) & N-GLX-LC-01(x)	Min TX PWR: -9.5 dBm Max TX PWR: -3.0 dBm Sensitivity: -20.0 dBm Max In PWR: -3.0 dBm Link Budget: 10.5 dB
Status LEDs	LINK/ACT (Link/Activity): ON = communication link; FLASHING = activity on link FDX (Full-duplex): ON = Full-duplex link
LAN Drivers	NetWare Server 4.x, 5.x, 6.x NetWare DOS Client ODI Windows 98, ME, 2000, 2003, XP, NT 4.0 Linux SCO UnixWare 7.1.x OpenUnix 8.0
Boot Server Support	PXE Boot ROM (optional)
PCB Dimensions	Width: 2.2" [56 mm] Depth: 6.5" [165 mm] Height: 0.9" [23 mm]
Power	2.0A @ +5V
Environment	0° – 50°C; 5% – 95% humidity non-condensing; 0 – 10,000 ft. altitude
Shipping Weight	1 lb. [0.45 kg]
Regulatory Compliance	FCC Class A Part 15, CE Mark
Warranty	Lifetime