Redundant Fast Ethernet 100BASE-FX

Network Interface Cards

ND-FX-xx-01

Fiber Connectivity

▶ Redundancy

Redundant
100BASE-FX Fiber
Network Interface Card

100BASE-FX Switch

Server

Redundant links
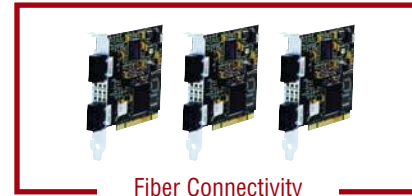up to 2 km [1.2 miles]
multimode fiber
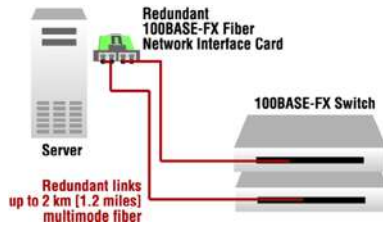
Maintain network stability and reliability with a redundant NIC. Dual-port NICs provide redundancy and, if port failure is detected, the auto-failover feature automatically transfers network communications to the secondary port without disrupting the network. Whether it's a desktop solution or network server, using a redundant NIC with auto-failover guarantees consistent reliable network performance.

Features

■ LED status indicators monitor Full/Half Duplex, Collisions, Activity, Port Select, Link Status and Magic Packet.

■ Supported by the latest drivers for a wide variety of operating systems including Windows 2000, 3.X, 9X & NT; Novell; Banyan; Solaris; Linux; UNIX and supports most popular LAN protocols.

■ Supported for Desktop Management Task Force (DMTF) DMI 2.0 specification and PermaNet for network servers running Novell Netware or Microsoft Windows NT.

Fast Ethernet Dual Port

Supports PC98/PC99 and Wired for Management baseline specifications; full OnNow support and AMD's Magic Packet technology for remote wake-up and power-on. Supports Advanced Configuration and Power Interface (ACPI) specification version 1.0.

Ordering Info

Product Number	Port One	Port Two
ND-FX-ST-01	100BASE-FX 1300nm multimode (ST) **[2 km / 1.2 miles]**	100BASE-FX 1300nm multimode (ST) **[2 km / 1.2 miles]**
ND-FX-SC-01	100BASE-FX 1300nm multimode (SC) **[2 km / 1.2 miles]**	100BASE-FX 1300nm multimode (SC) **[2 km / 1.2 miles]**
ND-FX-MT-01	100BASE-FX 1300nm multimode (MT-RJ) **[2 km / 1.2 miles]**	100BASE-FX 1300nm multimode (MT-RJ) **[2 km / 1.2 miles]**

Specifications

Operation	Operates as a TIA SP4360A Type I, II device
Standards	IEEE Std. 802.3™ 100BASE-FX
Controls	IRQ and DMA Controlled by PCI Bus
Fiber Optic Connector Specs	
ND-FX-ST-01 & ND-FX-SC-01	Min TX PWR: -19.0 dBm Max TX PWR: -14.0 dBm Sensitivity: -30.0 dBm Max In PWR: -14.0 dBm Link Budget: 11.0 dB
ND-FX-MT-01	Min TX PWR: -19.0 dBm Max TX PWR: -14.0 dBm Sensitivity: -33.5 dBm Max In PWR: -14.0 dBm Link Budget: 14.5 dB
Status LEDs	Full/Half-Duplex Collision Activity Port Select Link Status Magic Packet
Dimensions	Width: 0.5" [13 mm] Depth: 5.5" [140 mm] Height: 3.8" [96 mm]
Power	+5V DC 800mA max.
Standby Power	+5V DC 500mA min.
Environment	0° – 50°C; 5% – 90% humidity non-condensing; 0 – 10,000 ft. altitude
Shipping Weight	1 lb. [0.45 kg]
Regulatory Compliance	FCC Class A Part 15, VCCI Class 1, EN55022 Class 1
Warranty	Lifetime

T R A N S I T I O N
n e t w o r k s ®

The Conversion Technology Experts

Transition Networks, Inc.
6475 City West Parkway
Minneapolis, MN 55344 USA
©2005 Transition Networks, Inc.
All trademarks are the property of their respective owners.
Technical information is subject to change without notice.

tel 952.941.7600 or 800.526.9267
fax 952.941.2322
info@transition.com
http://www.transition.com