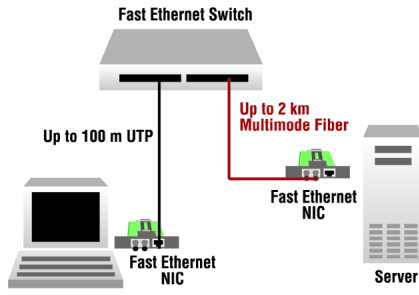


# Fast Ethernet 10/100BASE-TX + 100BASE-FX

## Dual Media Network Interface Cards

**NDM-FTX-xx-01(x)**

### Application



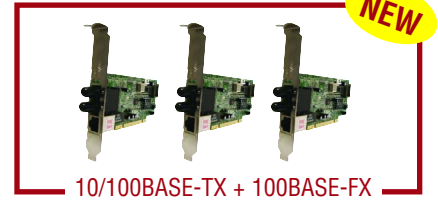
The Fast Ethernet Dual Media NIC provides both a 10/100BASE-TX copper port and a 100BASE-FX fiber port to allow ultimate flexibility for installation in both new and legacy LAN environments. With both standard and low profile form factors, driver support for most popular operating systems and PCI 2.2 plug-and-play capability helps make installation a breeze in virtually any PC in your network.

### Features

- ▶ Lifetime Warranty
- ▶ 32-bit bus master
- ▶ Supports 802.1P/Q VLAN tag
- ▶ IP multicast filter
- ▶ PCI 2.1 and 2.2 compliant
- ▶ Wake-On-LAN (WOL) power management
- ▶ Both standard and low profile form factors

### Ordering Info

Product Number (standard)	Product Number (standard) 20-pack	Product Number (low-profile)	Product Number (low-profile) 20-pack	Port One	Port Two
<b>NDM-FTX-ST-01</b>	<b>NDM-FTX-ST-01-020</b>	<b>NDM-FTX-ST-01(L)</b>	<b>NDM-FTX-ST-01(L)-020</b>	10/100BASE-TX (RJ-45) [100 m/328 ft.]	100BASE-FX 1300nm multimode (ST) [2 km / 1.2 miles]
<b>NDM-FTX-SC-01</b>	<b>NDM-FTX-SC-01-020</b>	<b>NDM-FTX-SC-01(L)</b>	<b>NDM-FTX-SC-01(L)-020</b>	10/100BASE-TX (RJ-45) [100 m/328 ft.]	100BASE-FX 1300nm multimode (SC) [2 km / 1.2 miles]
<b>NDM-FTX-MT-01</b>	<b>NDM-FTX-MT-01-020</b>	<b>NDM-FTX-MT-01(L)</b>	<b>NDM-FTX-MT-01(L)-020</b>	10/100BASE-TX (RJ-45) [100 m/328 ft.]	100BASE-FX 1300nm multimode (MT-RJ) [2 km / 1.2 miles]
<b>NDM-FTX-SC5-01</b>		<b>NDM-FTX-SC5-01(L)</b>		10/100BASE-TX (RJ-45) [100 m/328 ft.]	100BASE-FX 1310nm single mode (SC) [5 km / 3.1 miles]
<b>NDM-FTX-SC20-01</b>		<b>NDM-FTX-SC20-01(L)</b>		10/100BASE-TX (RJ-45) [100 m/328 ft.]	100BASE-FX 1310nm single mode (SC) [20 km / 12.4 miles]
<b>Single Fiber Products</b>					
<b>NDM-FTX-SB201-01</b>		<b>NDM-FTX-SB201-01(L)</b>		10/100BASE-TX (RJ-45) [100 m/328 ft.]	100BASE-FX 1310nm / 1550nm single fiber single mode (SC) [20 km / 12.4 miles]
<b>NDM-FTX-SB202-01</b>		<b>NDM-FTX-SB202-01(L)</b>		10/100BASE-TX (RJ-45) [100 m/328 ft.]	100BASE-FX 1550nm / 1310nm single fiber single mode (SC) [20 km / 12.4 miles]
<b>Optional Accessories (sold separately)</b>					
Product Number	Description				
<b>BTR-NDM-PXE</b>	PXE Boot ROM				
<b>BTR-NDM-RPL</b>	RPL Boot ROM				



10/100BASE-TX + 100BASE-FX

### Specifications

Standards	IEEE Std. 802.3™ IEEE Std 802.1P IEEE Std 802.1Q
Expansion Bus Standard	PCI 2.1, 2.2
<b>Fiber Optic Connector Specs</b>	
<b>NDM-FTX-ST-01(x) &amp; NDM-FTX-SC-01(x) &amp; NDM-FTX-MT-01(x)</b>	Min TX PWR: -19.0 dBm Max TX PWR: -14.0 dBm Sensitivity: -31.0 dBm Max In PWR: -17.0 dBm Link Budget: 12.0 dB
<b>NDM-FTX-SC5-01(x)</b>	Min TX PWR: -19.0 dBm Max TX PWR: -14.0 dBm Sensitivity: -31.0 dBm Max In PWR: -7.5 dBm Link Budget: 12.0 dB
<b>NDM-FTX-SC20-01(x)</b>	Min TX PWR: -15.0 dBm Max TX PWR: -8.0 dBm Sensitivity: -31.0 dBm Max In PWR: 0.0 dBm Link Budget: 16.0 dB
<b>Single Fiber Products</b>	
<b>NDM-FTX-SB201-01(x) &amp; NDM-FTX-SB202-01(x)</b>	Min TX PWR: -14.0 dBm Max TX PWR: -8.0 dBm Sensitivity: -32.0 dBm Max In PWR: 0.0 dBm Link Budget: 18.0 dB
Status LEDs	<b>LINK/ACT (Link/Activity):</b> ON = communication link; FLASHING = activity on link <b>FDX (Full-duplex):</b> ON = Full-duplex link
LAN Drivers	NetWare Server 4.1x, 5.X NetWare DOS Client ODI Windows 95, 98, ME, 2000, 2003, XP, NT 4.0 Linux
Boot Server Support	Novell RPL Boot ROM PXE Boot ROM
PCB Dimensions	Width: 4.8" [122 mm] Depth: 7.1" [180 mm] Height: 0.9" [23 mm]
Power	1.0A @ +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 Part 15 Class A, CE Mark
Warranty	Lifetime