

pcie expresscard fiber adapters

# NEC-FXE-xx-01

## Fast Ethernet PCIe ExpressCard Fiber Adapter: PCIe ExpressCard Adapter Fast Ethernet 100Base-FX

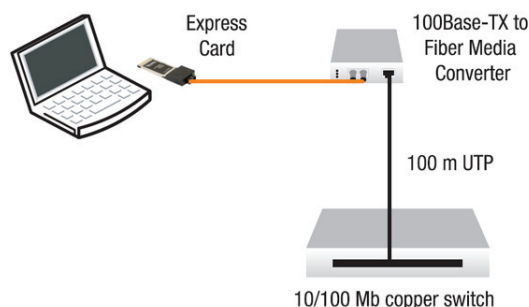


Fast Ethernet ExpressCards provide a 100Base-FX fiber port for delivering fiber optic connectivity to laptop computers in high security, fiber rich LAN environments. This small sized fiber card is specifically designed to plug into laptop computers equipped with an ExpressCard compliant slot. The card includes a single LED located on top of its plastic cover indicating link and activity status. Extensive Network Operating System drivers are provided, easing installation and configuration. Preboot Execution Environment (PXE) and Bootstrap Protocol (BOOTP) are also supported.

### Features

- ▶ Complies with ExpressCard/34 standard
- ▶ Complies with the IEEE 802.3 CSMA/CD 100Base-FX standards
- ▶ Full-duplex design
- ▶ Options for SC or LC fiber connectors
- ▶ Options for multimode or single mode fiber
- ▶ Driver support for wide variety of operating systems
- ▶ Integrated support for PXE remote boot

### Applications



### Specifications

|                    |  |
|--------------------|--|
| Standards          | IEEE 802.3u<br>IEEE 802.3x<br>ExpressCard Compliant                          |
| Card Slot          | ExpressCard/34 26-pin connector  |
| Data Transfer Rate | 100 Mbps   |
| Status LEDs        | L/A - On = communication link<br>Flashing = Activity on link                 |
| LAN Drivers        | Windows 98, NT, 2000, XP, Vista, 2003 Server,<br>2008 Server, Netware, Linux |
| Dimensions         | Length: 5.04 inches [128 mm]<br>Width: 1.34 inches [34 mm]                   |
| Shipping Weight    | 1.0 lbs  |
| Power consumption  | 3 Watts  |
| Environment        | 0° - 50° C<br>5% - 90% humidity non-condensing<br>0 - 10,000 ft. altitude    |
| Compliance         | FCC Part 15 Class B, CE Mark   |
| Warranty           | Lifetime   |

### Ordering Information

- NEC-FXE-SC-01**  
100BASE-FX 1300nm multimode (SC)  
[2 km/1.2 mi.] Link Budget: 12.0 dB
- NEC-FXE-LC-01**  
100BASE-FX 1300nm multimode (LC)  
[2 km/1.2 mi.] Link Budget: 13.0 dB
- NEC-FXE-SC20-01**  
100BASE-FX 1310nm single mode (SC)  
[20 km/12.4 mi.] Link Budget: 30.0 dB