

NEC-GXE-xx-01 Series

ExpressCard PCIe Gigabit Ethernet Fiber Network Interface Card

1000Base-SX



Gigabit Ethernet Fiber ExpressCards provide a 1000Base-SX 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. Common 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
- IEEE 802.3az Gigabit Ethernet
- Full-duplex design
- Options for SC or LC fiber connectors
- Driver support for common operating systems, such as Windows 7, 10, Vista, 2008
- Integrated support for PXE remote boot
- Supports Jumbo Frames up to 9K bytes

Specifications

| | |
|--------------------|--|
| Standards | IEEE 802.1Q IEEE 802.1P IEEE 802.3u IEEE 802.3x ExpressCard Compliant |
| Card Slot | ExpressCard/34 26-pin connector |
| Data Transfer Rate | 1000 Mbps, 1,488,000 pps |
| Status LEDs | L/A - ON = communication link Flashing = Activity on link |
| Software Support | Windows 7, 10, Vista, 2008 Server |
| Dimensions | Width: 1.34" [34 mm] Depth: 5.04" [128 mm] Height: 0.19" [5 mm] |
| Power Consumption | 3.3 Watts |
| 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 Part 15 Class B, CE Mark |
| Warranty | Lifetime |



Ordering Information

NEC-GXE-SC-01

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

NEC-GXE-LC-01

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