NEC-GXE-xx-01

ExpressCard PCIe Gigabit Ethernet Fiber Network Interface Card

TRANSITION NETWORKS®

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.

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

NEC-GXE-WoL
Wake-on-LAN (WoL) accessory kit

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

- Supports Wake-on-LAN (WoL) with optional power adapter

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