


GE-6600:

ExpressCard 1000Base-X Fiber Card

Key Features

- Compliance with 34mm ExpressCard standard
- Complies with the IEEE 802.3az 1000Base-SX/LX standards
- Supports IEEE 802.1Q VLAN Tagging
- Supports IEEE 802.1p Layer 2 Priority Encoding
- Supports Full Duplex IEEE 802.3X Flow Control
- Supports Jumbo Frame Up to 9KBytes
- Supports Checksum Offloading
- Drivers support Windows 2003/2008 server, Windows XP, Vista, Windows 7, Linux 2.6xx and Novell Netware
- Supports PXE/RPL remote boot
- Supports Wake on LAN and needs to connect with an external power adapter
- RoHS Compliance

Overview

GE-6600 is a small size 34mm ExpressCard 1000Base-SX/LX Fiber Card, which is specifically designed to plug into a notebook computer equipped with an ExpressCard slot. It is designed with high-performance ExpressCard Gigabit Ethernet controller. It provides fiber optic link capability for notebook PC to connect the existing fiber network at 1000Mbps data rate with fiber optic cable. It also provide multiple types and distances of fiber connector for optional. The maximum fiber optic cable distance can be up to 550m for multi-mode and 10, 30 and 50Km for single-mode fiber. Diagnostic LED is easily visible for maintenance purpose. Extensive Network Operating System (NOS) drivers such as Novell Netware, Windows XP/Vista/2003 server/2008 server/Windows 7, Linux 2.6xx and PXE/RPL remote boot are available.

Technical Specifications
• Standard compliance

- IEEE 802.3z Gigabit Ethernet
- IEEE 802.3x Full-duplex
- ExpressCard/34

• Data Transfer Rate

- 1000Mbps: 1488000 pps

• Fiber Cable

- Fiber(M-M): 50/125,62.5/125µm (Up to 550m)
- Fiber(S-M) : 9/125µm (Up to 50Km or more)

	Multi-Mode Fiber 62.5/125µm		Multi-Mode Fiber 50/125µm	
	Bandwidth MHz-Km	Distance	Bandwidth MHz-Km	Distance
1000SX 850nm	160	220m	400	500m
	200	275m	500	550m
1000LX 1310nm/1550nm	Single-Mode Fiber 9/125µm			
	Single-Mode transceiver 1310nm: 10/30Km			
	Single-Mode transceiver 1550nm: 50Km			

• LED Description

LED	Color	Function
LINK/ACT	Green	Lit when fiber cable connection is good Blinks when any traffic is present

• Hardware Spec

Feature	Detailed Description
Ambient Temperature	0~50°C
Humidity	5% to 90%
Dimensions	34(W) x 128(L) mm
Weight	0.04Kg
Safety	Comply with FCC Part 15 Class B & CE Mark Approval
Power Requirement	Max. 3.3W

Packing Information

Carton Dimensions (mm)	pcs/Carton	N.W (KG)	G.W (KG)
495 x 480 x 335	100	13	14

Ordering Information

GE-6600SC	ExpressCard 1000Base-SX FiberCard, SC Multi-Mode
GE-6600SC.S10	ExpressCard 1000Base-LX FiberCard, SC Single-Mode 10km
GE-6600SC.S30	ExpressCard 1000Base-LX FiberCard, SC Single-Mode 30km
GE-6600SC.S50	ExpressCard 1000Base-LX FiberCard, SC Single-Mode 50km
GE-6600LC	ExpressCard 1000Base-SX FiberCard, LC Multi-Mode

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