ECL1400

Gigabit Ethernet ExpressCard

Overview

ECL1400 Gigabit ExpressCard was created to meet the need of the ExpressCard market where notebooks, desktops, and docking stations could add one additional Gigabit Ethernet port via a single slim-type 34mm wide ExpressCard. Users will benefit from ExpressCard plug-n-play ease of use, which eliminates the need to open the chassis to add new features.

It's a single-chip, one-lane ExpressCard to Gigabit Ethernet, which provides throughput and connectivity at gigabit speeds up to 1000 Mbps (1Gbps) raw bandwidth. It is 100 times faster than the original Ethernet, yet is compatible with existing Ethernets. This Gigabit Ethernet ExpressCard equips high quality Marvell chipset which is optimized for maximum throughput and low CPU utilization solution. It also comes with a comprehensive of software device drivers for all desktop operation systems, including Microsoft Windows and Linux system.

Features

- Designed to meet PCI Express Base Specification Revision 1.1.
- Single-lane (or x1) PCI Express throughput supports rates of 2.5 Gbps.
- Compliant with 10/100/1000 IEEE 802.3 specification.
- 10/100/1000M data rate auto-negotiation.
- Active state power management (L0s) support.
- LEDs indicate the status of transmission speed.
- Automatic MDI/MDIX crossover at all speed.
- Support Wake On LAN (WOL) power management.
- Feature full duplex mode that doubles the network connection speed.
- Compact and slim design perfect solution for all desktop network using

Specifications

Interface: ExpressCard 34mm Wide
Mode: 10/100/1000M Ethernet Networking
Controller: Marvell 8053
Port: One external Gigabit Ethernet RJ45 port
O.S. support: Windows2000/XP/2003/, Linux 2.4x, 2.6x
Environment :
Operation temperature: 0℃~57℃
Storage temperature:-20℃~85℃
Operation humidity: 5℃~95% RH

Package

ECL1400 / User Manual / CD Driver