ECSA24

Serial ATA II ExpressCard

Windows

Overview

ExpressCard, the next evolution of the PC Card, combines a smaller form factor and faster performance with the PC Card reliability and ease of use. This card is a single-chip solution for Serial-ATAII compact size ExpressCard module and the interface has a potential transfer rate of up to 500 MB/sec (or 250 MB/sec in each direction) using a single-lane (or x1) PCI Express link.

SUNIX ECSA24 is a single-chip, one-lane PCI Express to two external Serial-ATA II ports with transfer rate of 3.0 Gb/s ExpressCard. It was created to meet the need of the ExpressCard market where notebooks, desktops, and docking stations could add two additional external Serial ATA ports via a single slim-type 54mm wide ExpressCard slot. ECSA24 is fully compatible with Serial ATA Generation 2 specification and it allows you to connect Serial-ATA compatible devices to your computer, uch as SATA port multipliers Disk Array Box, Serial-ATA RAID Enclosure, or external storage and ATAPI peripheral.

Features

- Supports PCI Express Base Specification Revision 1.0a.
- Single-lane (x1) PCI Express throughput rates up to 2.5 Gbps.
- Compliant with ExpressCard 34/54mm module specification.
- Compliant with Serial ATA 1.0 specifications.
- Support Serial ATA II Port-Multiplier specifications.
- ExpressCard hot plugging and hot swapping features.
- Serial ATA Generation 2 transfer rate of 3.0 Gb/s
- Building in two external Serial ATA II ports for external storage peripheral.

Package

ECSA24 Serial ATA II ExpressCard
CD Driver / User's Manual
Serial ATA II External type cable (Optional)

Specifications

Interface: ExpressCard 54mm Wide
Mode: Serial ATA Generation 2
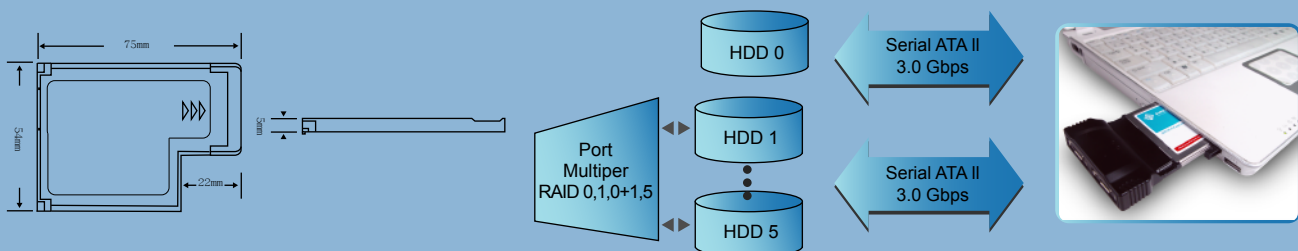Controller: Silicon Images Sil3132
Channel: Two external e-SATA ports
- Supports Legacy Command Queuing(LCQ)
- Supports Native Command Queuing(NCQ)
- Supports Non-zero offsets NCQ
- Supports Out of order data delivery NCQ
- Supports FIS-based switching with Port Multipliers
O.S. support: Windows2000/XP/2003/
                    and Linux 2.4x, 2.6x

Application

HDD 0

Serial ATA II
3.0 Gbps

Port
Multiper
RAID 0,1,0+1,5

HDD 1

HDD 5

Serial ATA II
3.0 Gbps

SUNIX CO., LTD.
HEADQUARTERS