

CI-3532 2+1 Port eSATA RAID PCI Card

- ✓ Provides 2 SATA Channels (up to 2 drives)
- ✓ Supports RAID 0 (striping), RAID 1 (mirroring) features
- ✓ Optional bracket for Low Profile PCI form factor
- ✓ Provides Flexible Configurations on the same board:
 - 2 Internal Ports or
 - 1 Internal SATA and 1 External eSATA Port
- ✓ Supply DC+12V/5V External Power by the Mini-DIN Conn
- ✓ ROM BIOS supports RAID settings and Boot Features
- ✓ Co-resides with Motherboard IDE devices
- ✓ Supports Hard Drives over 137GB Capacity
- ✓ Bundle Windows based RAID utilities for rebuilding array
- ✓ Supports Windows 98, Me, NT, 2000, XP, Vista and Linux



INTRODUCTION

Serial ATA (SATA) is a high-speed serial link replacement for the parallel ATA attachment of mass storage devices. The serial link employed is a high-speed differential layer that utilizes Gigabit technology and 8b/10b encoding. The current data rate is 1.5Gb/s (=150MB/s), it also provides a clear roadmap for 3 and 6Gb/s.

The CI-3532 is a sophisticate SATA RAID PCI card to accommodate 2 SATA hard drives with RAID 0 (Highest Performance without data protection) and RAID 1 (Data protection through disk duplication) features over the PCI slot.

RAID system can be simply done by adding 2 Serial ATA hard drives, configure by the BIOS RAID utility, and loading the driver and Windows RAID GUI utility into the system. Besides, the CI-3532 can be easily configured to two internal or 1 internal plus 1 external RAID ports. It provides the possibility to configure your RAID with internal and external SATA drives.

The built-in Silicon Image chip provides 256-byte FIFOs, watch dog, 66MHZ PCI transfer features and complete RAID software driver KIT. The CI-3532 is the right choice for a PCI to Serial ATA versatile devices.

SPECIFICATIONS

System

For 32-bit PCI Bus Systems

PCI Interface

Fully PCI Specifications 2.2 Compliant

Serial ATA Ports

Two serial ATA ports that fully support devices up to 1.5Gb/s. transfer rate

- Compliant with Serial ATA 1.0 Specifications
- Onboard ROM BIOS Supports hard drives greater than 137GB
- Supports 2 Serial ATA devices with up to 1.5Gb/s rate (serial ATA Generation 1)
- Cable Length up to 1 meter.
- Supports RAID 0 and RAID 1 Features for SATA Hard Drives

Serial ATA Devices

Supports 2 Serial ATA devices: Hard drives, Removable HDD, and more coming devices such as CD-ROM, CD-R, CD-RW, Tape, DVD-ROM, PD, ...

I/O Hardware

- 2 internal 7-pin Serial ATA connectors
- 1 external 7-pin eSATA connector
- 1 external 6-pin Mini-DIN power connector provides power for external devices

Software

Bundled Windows based RAID Utility with Easy GUI to display and rebuild the disk array

OS Support

Windows 98, ME, Windows NT 4.0, Windows 2000, XP, Vista and Linux

Form Factor

5.08" x 2.50" (12.90cm x 6.35cm)