

# 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 sophisticated 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)