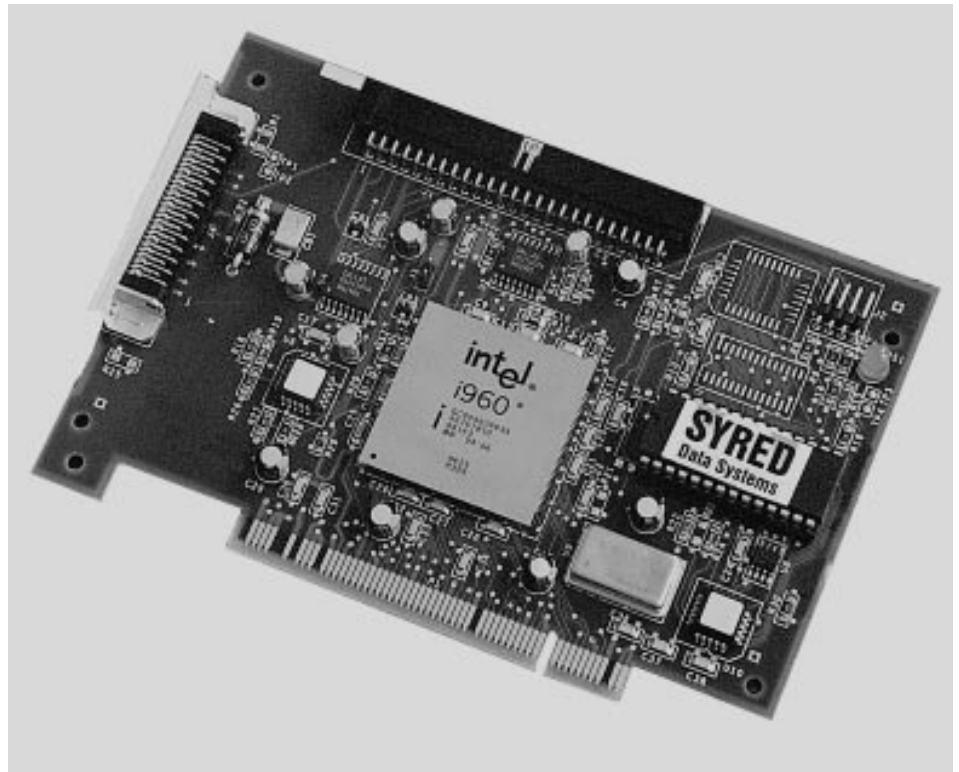# CRUISER PCI to SCSI Raid Card Controller

- Raid 0, 1, 0+1, 3, 4 and 5 Immediately Portable
- i960® RP I/O Processor
- Plugged Directly on to the PCI Host Card
- Supports: SCSI-1, SCSI-2 and Fast/Wide SCSI-2 and Ultra Fast SCSI-3, Ultra Fast/Wide SCSI-3
- Transfer Rate: Up to 132 Mbytes Per Second
- Reconstruction as a Background Process
- Intelligent Write Back and Read Ahead
- TAG Queue Supported
- EDO RAM Supported For Improved Bandwidth
- Chips PCI/SCSI Symbios 53C875J (SCSI-3)
- Memory: 4 to 64 MB
- 3 Disk Channels: 1 to 15 Disks Per Channel (Up to 45 Disk Max)
- Host Connection: Plug and Play - PCI Connectors
- Disk Connection: Sub-D Mini 68 (68-Pin) X 2 Channels
- Serial Link RS-232 For Diagnostics and Configuration (DB9 Connector) or Other Connection
- Support System: MS-DOS, Windows 95, Windows NT, Novell Netware, SCO/Unix, Unixware
- Raid Utilities: Alarms, Status, Reconstruction or Extension System
- Temperature: 41°F to 131°F (5°C to 55°C) While Operating
- Humidity: 5% to 90% Without Condensation While Operating
- Power Supply: Standard 4-Pin PC Connector
- 5 volts, 2 Amps - 12 Volts, 0,1 Amps
- MTBF: 1,000,000 hours
- The Ultimate Data PROtector

The CRUISER, PCI Raid Controller, sets a new standard of affordability and performance in Raid controllers. Designed with the new Intel 32 bit Risc, i960 RP I/O processor the CRUISER provides the newest technologies in order to satisfy the most demanding requirements of the most sophisticated Raid users. CRUISER offers the highest data throughput, data availability and expandability without compromising the reliability or data integrity.

The CRUISER provides 3 wide ultra SCSI (SCSI3) channels and supports up to 45 disks offering a transfer rate, per channel, of 40 Mbytes per second. Amazingly fast, the CRUISER speeds up user software operations because of its innovative caching and Raid algorithms. Using Bus mastering, bursting and multi-threaded I/O the CRUISER can deliver a data transfer rate of up to 132 Mbytes per second. The CRUISER supports Raid levels 0, 1, 0+1, 3, 4, and 5. It also guarantees the user the highest in data availability and protection using features such as hot swapping, background rebuilding and bad sector reassignment. The CRUISER is equipped to detect any failure occurring in its environment.

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