

PCI-2000 Intelli-Cache PCI Intelligent Caching Disk Controller

Host Interface

- PCI Bus

Form Factor

- PCI Short Form Factor - 6.945"

Peripheral Interface

- SCSI-2 SCSI-3

On Board Intelligence

- Intel i960® 32-Bit RISC Processor

Performance Features

- PCI 2.1 Compliant
- Plug and Play Installation
- Industry Standard Format
- Jumperless Installation
- Flash BIOS - Online Upgradability
- Software Control of Active Termination
- 4 MB Embedded RAM Cache
- Full 32-Bit Bus Master Data Transfers Up to 132 MB/Second

Advanced Features

- Multi-Threaded I/O
- Duplexing
- Disconnect/Reconnect
- Tunable Cache
- Bad Track Remapping Management
- Elevator Seek

Operating Systems

- Current Revision Level Support For Popular Operating Systems
- ASPI Interface For CD-ROM, Tape, and Removable Media Drives

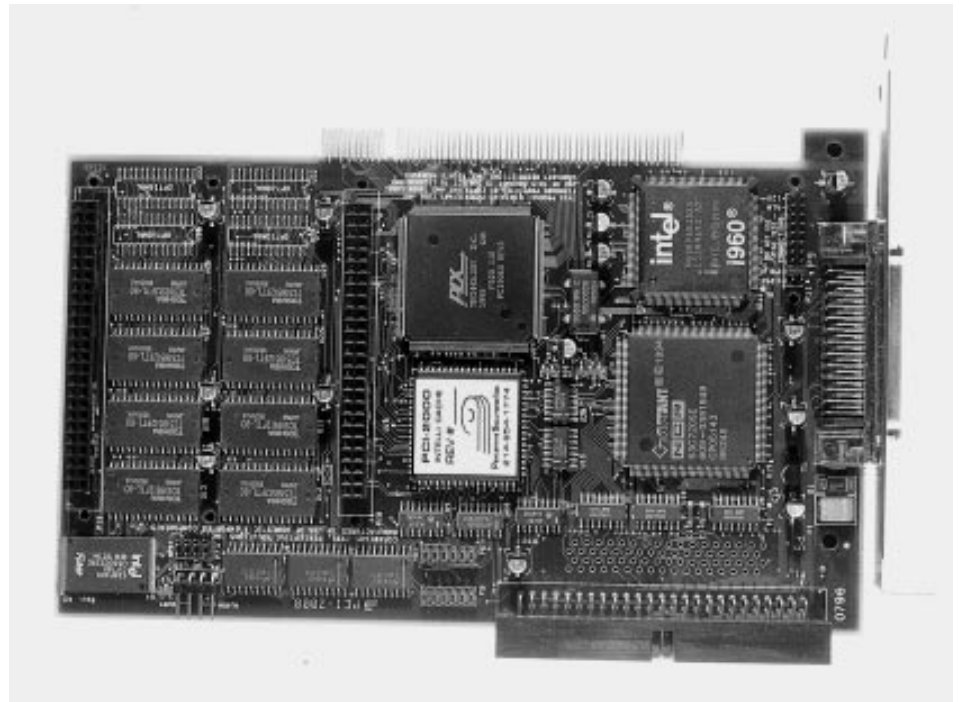
Options

- Software Selectable Feature Control, Including Hardware RAID-1 (Mirroring) With Hot Swap/Reconstruct and Monitoring/Reporting Software
- Bus Multiplier Module
- Cache Memory Expansion Module
- Custom Programming For Special Features

Environment

- Ambient Temperature

The PCI-2000 Intelligent caching SCSI device controller is the latest in a broad line of products designed and produced by Perceptive Solutions since 1988.



Transparent to the host system, the PCI-2000 dynamically reorders read and write operations to minimize head movement. Head "thrashing" significantly reduces transfer rates and drive life.

Powered by the Intel i960 32-bit RISC CPU, the PCI-2000 manages all SCSI I/O, providing complete dedication of the system CPU to applications, not peripheral control.

The PCI-2000 has the intelligence, power, and speed to maximize the performance of all DASDI devices on the SCSI bus.

FLASH memory allows in-system controller program upgrades, RAID-1 activation, and custom feature add-ins.

On-line menu and setup utilities make the PCI-2000 flexible and easy to optimize.

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