

Features

- Built upon Intel GD31244
- PCI-X to Serial ATA Controller
- Serial Flash ROM for PCI Option ROM
 - Presents Serial ATA Hard Drives as a BOOT Capable Drives
- PCI-X Bus and Four Independent SATA channels working in Legacy Master/Slave and Native DPA Mode
- Support for Command Queuing
- Unique physical form factor for low profile enclosures
- Interoperability with VSC7175 Port Multiplexer / Port Aggregator
- Powerful enclosure control and monitoring interface
- Theoretical transfer rate up to 600MB/sec
- Win 2K and Linux Drivers with Software RAID support

Applications



- Targets the high-end Workstation and Storage Server market with the best price-per-performance characteristics
- An ideal choice for small Storage Array Management in High Performance, Data Intensive computing applications
- Enterprise Storage Solutions – special interconnect options available

The Serial ATA adapter provides the user with a convenient migration path between conventional (SCSI and IDE) storage technologies and more network oriented Serial ATA based storage. The Four Serial ATA port controller with burst throughput up to 600MB/sec and full PCI-X speed bus interface presents an ideal storage solution for High-End Workstations. A special low profile form factor and connector positioning allow it to be used in space-constrained enclosures with convenient Serial ATA cable routing.

The HBA is equipped with Storage Array Management Logic under driver control. With a simple API interface, this Host Bus Adapter offers powerful Storage Switch Network and Enclosure Control capabilities. For custom versions and with special requirements please contact our engineering support team.

Specifications pn 70-05000-01

PCI-X/PCI

- Server Class PCI-X 133Mhz/64bit
- Full PCI 32 and 64 Bit Compatibility
- Legacy Compatibility Master/Slave Mode
- Universal 3.3/5 Volt PCI-X Connector

Form Factor

- Low Profile, 2U Compatible
- 6.6" Long
- Full Height or Low Profile PCI Bracket

Serial ATA

- Four Serial ATA Channels at 1.5 Gb/s
- Serial ATA 1.0 Specification Compliant
- Performance Oriented Direct Port Access Mode
- Wide Swing Mode for Driving Backplanes
- SATA II Command Queuing

