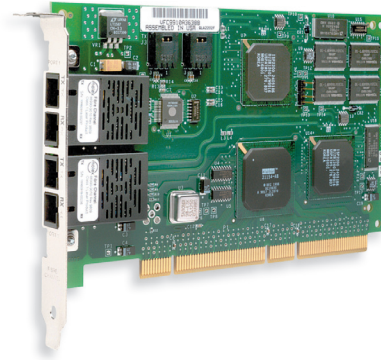


Sun StorageTek 1 Gb Fibre Channel PCI-X Host Bus Adapter



Features

- Dual port
- 66 MHz, PCI-X bus
- Multi-mode optics
- Short card form factor
- Standard bracket size
- Two external SC duplex multi-mode connector



The Sun StorageTek 1 Gb Fibre Channel (FC) PCI-X Host Bus Adapter (HBA) is based on QLogic's award winning Fibre Channel architecture and is designed for performance in the Storage Area Network (SAN) environment. The Sun StorageTek 1 Gb HBA provides all the benefits of Fibre Channel technology – fabric connections for hundreds of devices, bandwidth to 200 MB/sec (in full duplex) - in a highly integrated cost-effective package. The Sun StorageTek 1 Gb FC PCI-X HBA supports SAN-enabled features, like F_port fabric login, full duplex, FC-tape and IP protocol, creating a powerful SAN connectivity solution.

Real-world scalability.

The Sun StorageTek 1 Gb FC PCI-X HBA supports key features that are critical to real-world application performance. The high-speed, on-chip RISC processor and high-level software interface enable our HBA to complete multiple I/O operations without host intervention, creating the lowest CPU utilization of any SAN adapter on the market. The result is the ability to add multiple host adapters with linear performance increases, expanding the reach of your SAN with minimal hardware investment. To further boost performance, our configuration utility provides tunable parameters for application-specific needs, and industry-leading Reduced Interrupt Operation (RIO) allows you to significantly reduce CPU interrupts per I/O.

San-enabled software solutions.

The Sun StorageTek 1 Gb FC PCI-X HBA is designed for maximum functionality in the SAN. Cutting-edge SAN utilities like QLogic SANsurfer™ Management Suite provide advanced capabilities for remote configuration and management, failover, loadbalancing and persistent binding. Enhanced software drivers include support for SAN-critical features including concurrent SCSI/IP and FC-tape. Plus, our unique software architecture simplifies integration, with an easy host software migration path between parallel SCSI and Fibre Channel application.

Sun StorageTek 1 Gb Fibre Channel PCI-X Host Bus Adapters

Media	Multi-mode Optic			
Ports	Two			
64-Bit Bus	66MHz, PCI			
Form Factor	Short Card			
Bracket Size	Standard			
Connector	Two externalSC duplex			
RISC RAM	128 Kbytes per Fibre Channel Controller			
Onboard Intelligence	Single chip engine includes integrated RISC processor, Fibre Channel Protocol manager, PCI DMA controller and 1 Gb transceivers per Fibre Channel Controller			
Onboard DMA Channels	Three independent DMA channels per Fibre Channel Controller, two data and one command			
Frame Buffers	Integrated 4 Kbyte frame buffer FIFO for each data channel, GBIC models support optional external 16 Kbyte frame buffer per Fibre Channel Controller			
Topology	FC-AL, Point-to-Point, Fabric			
Fabric Support	FL_Port, F_Port			
Class of Service	Class 2,3			
Transfers	Full Duplex			
Protocols	SCSI, IP and FC-Tape, PCI boards support concurrent SCSI/IP			
Host Bus	PCI Local Bus Specification 2.1; cPCI-Hot Swap Specification 2.1; SBus - IEEE 1496-1993			
Fibre Channel Data Transfers	Up to 200 MB/s per channel with Full Duplex			
Power Consumption		PCI-Copper		PCI-Optic
	Single Channel	~ 2 Watts		~ 3.5 Watts
	Dual Channel	N/A		~ 11 Watts
	Quad Channel	N/A		~ 15 Watts
Form Factor	Standard Short Card PCI	Low Profile PCI	Full Length PCI	
	6.875" x 4.200"	6.600" x 2.536"	12.283" x 4.200"	
Temperature	Operating: 0°C/32°F to 55°C/131°F Storage: -20°C/-4°F to 70°C/158°F			
Humidity	Relative: 10% to 90% (non-condensing) Storage: 5% to 95% (non-condensing)			
SANblade Manager™ HBA Management Software	Easy-to-use, Java-based configuration, diagnostic and analysis utility. Includes persistent binding and failover functionality.			
SANblade Control FX	Wizard based utility provided for installation, configuration and diagnostic functions			
Software Drivers	PCI HBAs: Windows NT, XP and 2000, Solaris SPARC, and Linux.			