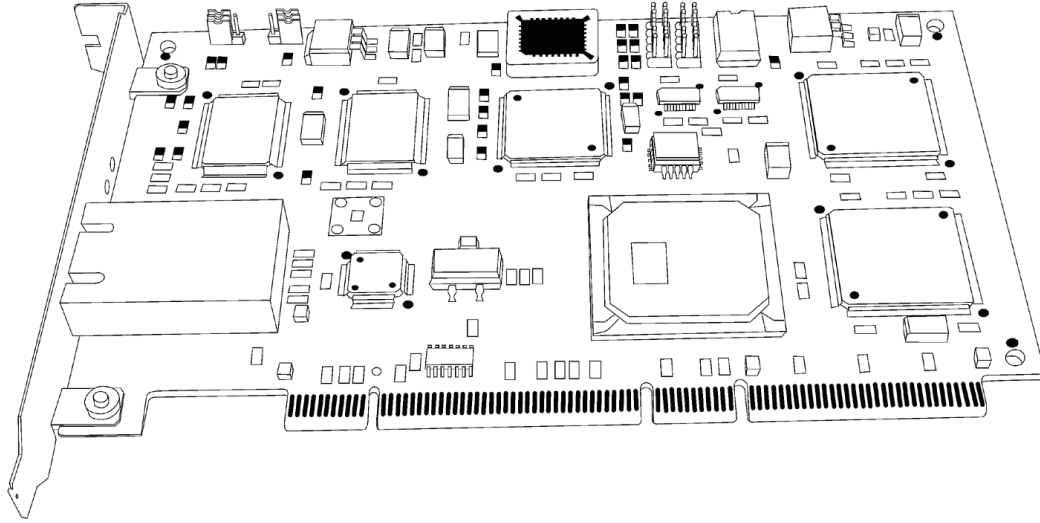


Overview



Models

FCA 2101 - StorageWorks 2 Gb/s, 64-Bit/66 MHz PCI-to-Fibre Channel Host Bus Adapter for Microsoft® Windows® NT®, Windows 2000

245299-B21

3R-A3515-AA

FCA2354 - StorageWorks 2 Gb/s, 64-Bit/66 MHz PCI-to-Fibre Channel Host Bus Adapter for HP Tru64 and HP OpenVMS

261329-B21

DS-KGPSA-DA

Benefits At a Glance

- Automatic speed negotiation capability which allows compatibility with 1 Gb HBAs
- Simultaneous full duplex 2 Gb/s Fibre Channel delivers up to 400MB/s performance
- Provides the flexibility and broad interoperability need for complex highly scalable SANs

Product Description

FCA2101 StorageWorks 2 Gb, Fibre Channel Host Bus Adapter is a single channel, 64-bit/66 MHz PCI-to-Fibre Channel Host Bus Adapter (HBA) with an embedded multi-mode optical interface.

Operating system support for this HBA is Windows 2000 Advanced Server and Windows NT 4.0 (Sp6).

This HBA is qualified for x86 NT platforms configured with the msa1000, ema12000/16000 and enterprise virtual array v2.0 (EVA 2.0) Enterprise Backup Solution (EBS) offerings. For Fibre Channel Switch support, please consult the SAN Design Reference Guide at the following WEB address;

<http://h18006.www1.hp.com/products/storageworks/san/documentation.html>

FCA2354 StorageWorks 2 Gb Fibre Channel Host Bus Adapter is a single channel, 64-bit/66 MHz PCI-to Fibre Channel Host Bus Adapter (HBA) with an embedded multi-mode optical interface.

Operating system support for this HBA is Tru64 UNIX® and OpenVMS.

This HBA is qualified for Alpha platforms configured with the , esa12000, ema16000, ma6000, and ma8000 arrays, enterprise virtual arrays, Enterprise Backup Solution (EBS) offerings. For Fibre Channel Switch support, please consult the SAN Design Reference Guide at the following WEB address;

<http://h18006.www1.hp.com/products/storageworks/san/documentation.html>

Overview

Key Features

- Operating system support split between two HBAs, one supporting x86 NT environments and the other HBA supporting Tru64 and OpenVMS operating environments
- Embedded physical interface requires no GBICs to purchase
- 64-bit PCI data and addressing
- Hardware context cache for superior fabric performance
- Full fabric support using F_Port and FL_port connections
- Support for concurrent use of multiple protocols (FC/SCSI)
- Full support for both FC service Class 2 and 3
- Support FC-Tape (FC-2) devices
- End-to-end parity protection for high data integrity
- Buffered data architecture to support up to 500m cabling

Technical Specifications

Technical Specifications FCA2101

Environmental	Temperature	Operating	32° to 113° F (0° to 45° C)
	Storage Temperature	Non-operating	14° to 131° F (-10° to 55° C)
	Relative Humidity	Operating	5% to 95% non-condensing
Mechanical Specifications	Dimensions (H x W)	Product	6.60 x 2.54 in (16.76 x 6.45 cm)
	Optical	Data rates	1.0625 (2.125 Gb/s)
		Optics	Short wave lasers
		Cable	50/125um multi-mode fibre
		Connector type	LC
Power requirements	Volts		3.3 VDC
	Power		8.5 watts typical

Technical Specifications FCA2354

Environmental	Temperature	Operating	32° to 113° F (0° to 45° C)
	Storage Temperature	Non-operating	-40° to 158° F (-40° to 70° C)
	Relative Humidity	Operating	5% to 95% non-condensing
Mechanical Specifications	Dimensions (H x W)	Product	6.88 x 4.20 in (17.48 x 10.67 cm)
	Optical	Data rates	1.0625 (2.125 Gb/s)
		Optics	Short wave lasers
		Cable	50/125um multi-mode fibre
		Connector type	LC
Power requirements	Volts		3.3 VDC
	Power		8.5 watts typical

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