Models

FCA2684 - HP 2 Gb, Single Channel, 133 MHz PCI-X-to-Fibre Channel Host Bus Adapter for Tru64 and OVMS   DS-A5132-AA

FCA2684DC - HP 2 Gb, Dual Channel, 133 MHz PCI-X-to-Fibre Channel Host Bus Adapter for Tru64 and OVMS   DS-A5134-AA

Benefits at a Glance

- Automatic speed negotiation capability which allows backward compatibility with 1 Gb HBAs
- With full duplex delivers up to 400 Mb performance single channel and up to 800 Mb link bandwidth in dual channel
- Dual channel HBA increases connectivity options for slot restricted servers
- Provides the flexibility and broad interoperability need for complex highly scalable SANs
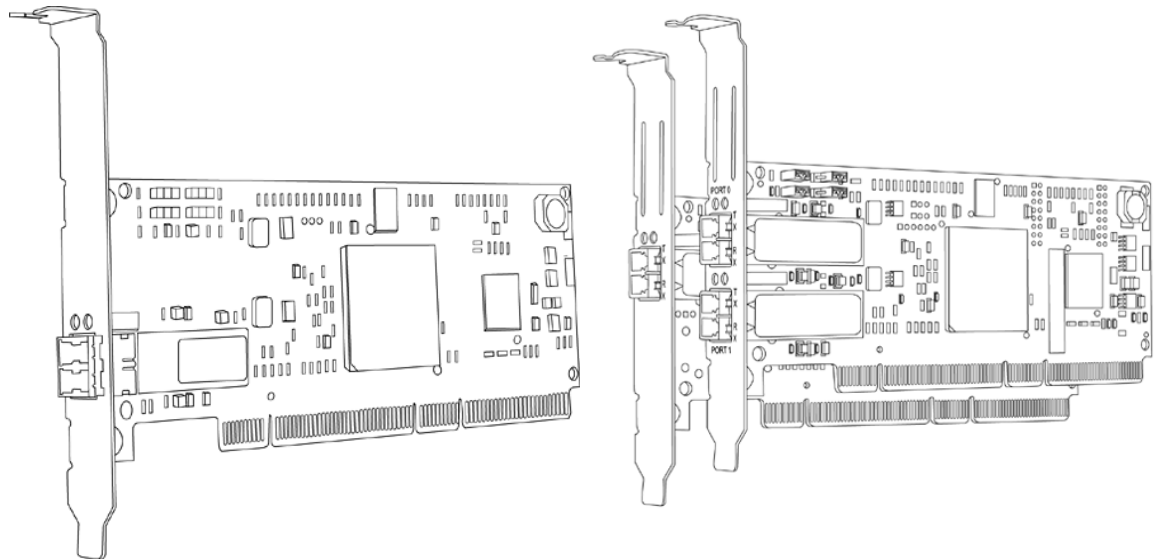
Product Description

FCA2684 2 Gb Fibre Channel Host Bus Adapter is a single channel, 133 MHz, PCI-X to Fibre Channel Host Bus Adapter (HBA) with an embedded multi-mode optic interface

FCA2684DC 2 Gb Fibre Channel Host Bus Adapter is a dual channel, 133 MHz, PCI-X to Fibre Channel Host Bus Adapter (HBA) with an embedded multi-mode optic interface
Operating system support for this HBA is Tru64 and OVMS
This HBA is qualified for Alpha platforms configured with the EVA3000, EVA5000, MSA1000, and XP storage arrays. For supported Fibre Channel SAN Switches, please consult the SAN Design Reference Guide at the following WEB address
http://h18006.www1.hp.com/products/storageworks/san/documentation.html

Key Features

- Operating system support is the Tru64 and OVMS operating environment
- Single and dual channel 2 Gb PCI-X to fibre channel models
- Full fabric support with automatic topology and speed adaptation
- FC-Tape (FCP-2) device support
- Full support for both FC service Class 2 and 3

Service and Support, HP Care Pack and Warranty Information

Warranty	(3-0-0) Three-year parts exchange warranty. Additional Warranty protection can be purchased. **NOTE:** Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.

HP Installation and Care Pack Services

HP Global Services provides a three-year, limited warranty, fully supported by a worldwide network of resellers and service providers toll-free 7 x 24 hardware technical phone support for the duration of the warranty. In addition, available service offerings include a full range of Care Pack packaged hardware and software services:

- Installation and start up
- Extended coverage hours and enhanced response times
- System management and performance services

HP Service & Warranty Support

Additional Warranty protection and/or HP Installation packages can be purchased.
Software Product Services

- Stand-alone telephone support
- Rights to a new license
- Media and documentation updates

Hardware Product Services

- Installation services
- On-site Maintenance (includes warranty support)
- Response time upgrades during the warranty period
- Post-warranty coverage

Warranty Upgrade Options

- Response - Upgrade on-site response from next business day to same day 4-hours
- Coverage - Extend hours of coverage from 5 days x 9 hours to 7 days x 24 hours
- Duration - Select duration of coverage for a period of 1, 3, or 5 years

Additional Warranty protection and/or HP Installation packages can be purchased.
For additional Care Pack (hardware & software) information, as well as orderable part numbers, please refer to the URL listed below:
Care Pack Hardware and Software Services
http://h18005.www1.hp.com/services/carepaq/index.html

Care Pack Information and Installation Services

NOTE: Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.

- Care Pack is defined as an upgrade to the product warranty attribute, available for a specific duration and hours of coverage.
- Care Pack is not available for less than the products warranty duration.
- Care Pack is available for sale anytime during the warranty period for most products, but the commencement date will be the same as the Warranty Start Date (delivery date to end user customer). Proof of purchase may be required.
- Care Pack services are prepaid.

Service and Support, HP Care Pack and Warranty Information

- FM-**XHW-36 3 years, 9x5, Next Business Day On-Site Coverage
- FM-**4HR-36 3 years, 9x5, 4 -Hour Response On-Site Coverage
- FM-**724-36 3 years, 24x7, 4-Hour response On-Site Coverage
- FM-**INS-IN Hardware Installation

Technical Specifications

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 (HxD)	Product	6.60 X 2.54 in (16.8 X 6.5 cm)
Media	Multi-mode Optic		
Connector	Optics	LC type connector	
Volts	+3.3 and +5 VDC		
Ports	FCA2684	one	
	FCA2684DC	two	
Power requirements	@66Hhz (typical/max) and @133hz (typical/max)		
	FCA2684	7.1/10.1 watts@66Hhz 7.5/10.6 watts@133hz	
	FCA2684DC	10.1/14.4 watts@66Hhz 10.1/14.4 watts@133hz	