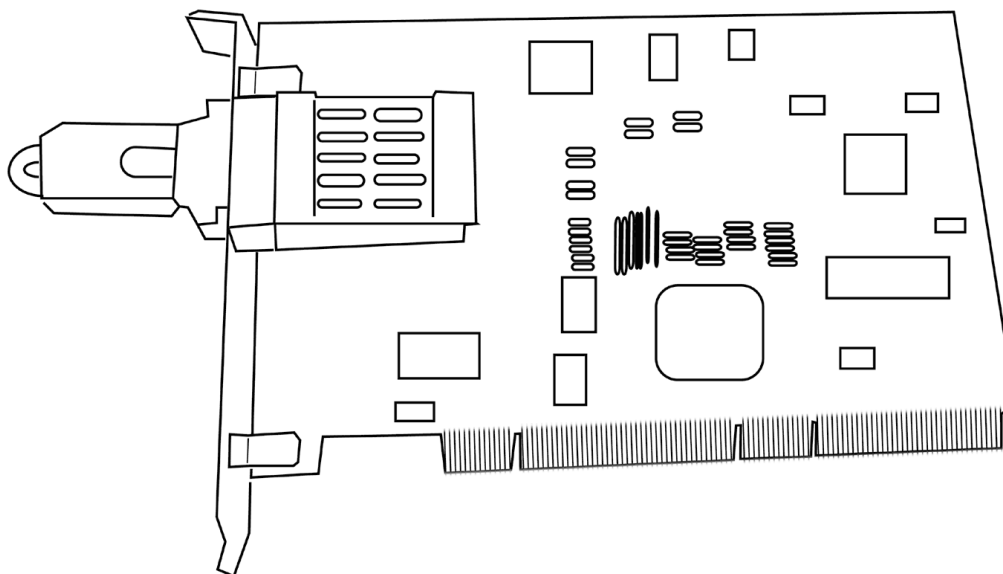


Overview



Models

StorageWorks PCI-to Fibre Channel PCI-to Fibre Channel

197819-B21

PCI to FC HBA for AIX (FC-AL & FC-SW) - Bundle

253739-001

Product Description

- HP StorageWorks PCI-to-Fibre Channel Host Bus Adapter for AIX is a single channel, 64-bit/66 MHz PCI-to-Fibre Channel Host Bus Adapter (HBA) with a hot swappable multi-mode (short wave) optical interface. It supports Private Loop Disk Attach and Fabric Attach connections.
- Operating System support for this HBA is AIX 4.3.3 and 5.1.
- This HBA is qualified for AIX platforms (IBM RS/6000 platforms with PCI slots) configured with HP StorageWorks Modular Array 8000, Enterprise Modular Array (EMA)12000, EMA16000 and Enterprise Virtual Array

Customer Benefits

- Switch support for the AIX Market.
- High Availability - Transparent and Multi-path Failover

Key Features

- Supports Full 100 MB/s Fibre Channel Data Transfer Rates
- High Performance 64-bit PCI Bus Master Provides Data Transfer Rates of up to 266 MB/s
- Simultaneous Multiple Host and Target Connections
- Supports FC Arbitrated and Fabric Connections
- Hot swappable GBIC Interface for Direct Optical Host Fibre Channel Connections
- Transparent and Multi-path Failover for Superior AIX Performance and Availability
- Includes Short Wave GBIC with HBA

Product Highlights

Compatibility Testing	Supports connection to both hubs and switches that are connected to StorageWorks Modular Array and RAID Array storage subsystems using the appropriate Platform Solution Kit software
------------------------------	---

Manageability	SWCC
----------------------	------

Warranty	3/0/0
-----------------	-------

Service and Support, HP Care Pack and Warranty Information

Software Product Services Standalone telephone support
Rights to new license version
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
RAID setup and performance consulting via statement of work
For additional hardware installation and maintenance information, please refer to the URLs listed below:
http://h18005.www1.hp.com/services/carepaq/us/install/cp_storage.html
http://h18005.www1.hp.com/services/carepaq/us/hardware/cp_storage.html

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

HP Care Pack Information and Installation Services Sample part numbers:
3 year, uplift to 5 x 9, Next Day Response FM-**XHW-36
3 year, uplift to 5 x 9, 4-hour Response FM-**4HR-36
3 year, uplift to 7 x 24, 4-hour Response FM-**724-36

** Represents a two-digit, product-specific code

HP Care Pack is defined as an upgrade to the product warranty attribute, available for a specific duration and hours of coverage.

HP Care Pack is not available for less than the product's warranty duration.

HP 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.

HP Care Pack services are prepaid.

For additional HP Care Pack (hardware & software) information, as well as orderable part numbers, please refer to the URL listed below:

<http://h18005.www1.hp.com/services/carepaq/index.html>

Components The following brick level options/components do not have individual HP Care Pack Services. These items will be included in product HP Care Pack Services into which they are installed.

Disk Drives	Tape Drives	CD/DVD ROM	SCSI Hubs in SBBs	Adapters
Bus Converters	Backplane RAID Controllers	Power Supplies	Cabling	Fans

Technical Specifications

Environmental	Temperature	Operating	32° to 104° F (0° to 40° C)
	Storage Temperature	Non-operating	-4° to 158° F (-20° to 70° C)
	Relative Humidity	Operating	10% to 90% non-condensing
Non-operating		5% to 95% non-condensing	
Mechanical Specifications	Dimensions (H x W)	Product	0.5 x 6.88 x 4.2 in (1.27 x 17.5 x 10.7 cm)
		Shipping	2.25 x 10.25 x 7.5 in (5.7 x 26 x 19 cm)
	Weight	Product	0.75 lb (0.34 kg)
		Shipping	1.50 lb (0.68 kg)
Electrical Specification	Power Dissipation	10W Maximum	
	Current Requirement	2A Maximum	
	Input Voltage Requirement	5V ± 5%	
UPC Code	197819-B21	720591457174	
	253739-001	PCI to FC HBA for AIX (FC-AL & FC-SW) - Bundle	
Connectivity	Host Interface	IBM AIX PCI slot and 64-bit data stream	
	Fibre Channel Interface	Optical short wave, multimode, Non-OFC, 1062.5Mb/s - SC connector, GBIC	
	Compatible Cables & Distances	Multi-mode 50/125 micron fiber with SC connectors:	1062.5 Mb/s: 2m to 500m
		Single-mode 9/125 micron fiber with SC connectors:	1062.5 Mb/s: 2m to 10,000m
Topology	Fibre Channel Arbitrated Loop, Fabric		
ANSI standards	FC PH, FC PH-2, FC PH-3, FC-AL, FC-AL-2, FCP-SCSI, FCP-IP, SCSI-2, SCSI-3, FC-PLDA, FC-FLA		

© Copyright 2003 Hewlett-Packard Development Company, L.P.

The information contained herein is subject to change without notice.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.