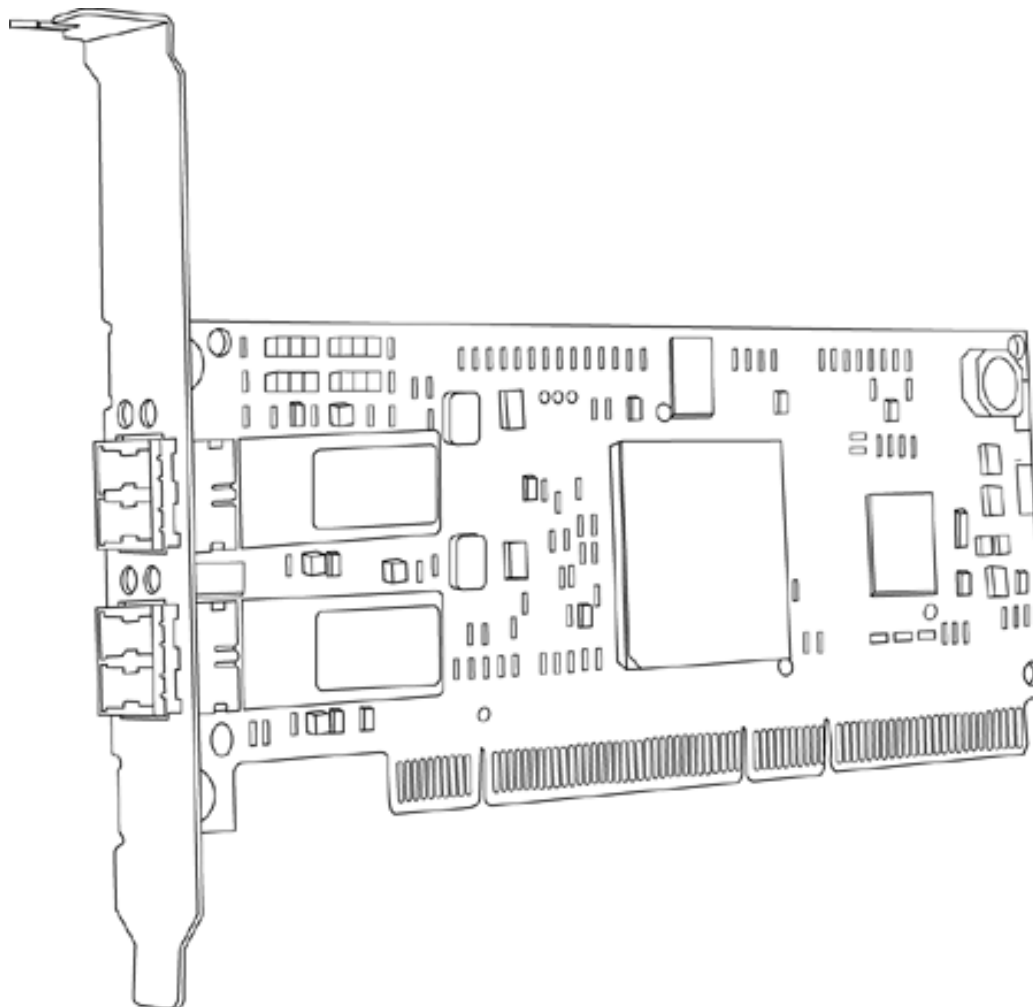


Overview

HP StorageWorks 2 Gb, 64-Bit/133 MHz PCI-X-to-Fibre Channel Host Bus Adapters



Models

HP StorageWorks 2 Gb, single channel, 133 MHz PCI-X-to-Fibre Channel Host Bus Adapter for Windows 2000 and 2003	A7388A
HP StorageWorks 2 Gb dual channel, 133 MHz PCI-X-to-Fibre Channel Host Bus Adapter for Windows 2000 and 2003	A7387A

Benefits at a Glance

- Automatic speed negotiation capability which allows backward compatibility with 1 Gb HBAs
- With full duplex delivers up to 400 MB/s per channel
- End to end parity protection for high data integrity
- FC-Tape (FCP-2) device support
- Provides the flexibility and broad interoperability need for complex highly scalable SANs

Overview

Product Description

A7388A HP StorageWorks 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 optical interface for ProLiant Server connects

A7387A HP StorageWorks 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 optical interface for ProLiant Server connects

Operating system support for this HBA is Windows 2K and Windows 2003, 32 bit servers

This HBA is qualified for ProLiant platforms configured with the EVA 5000, EVA 3000, MSA 1000, and XP Storage Arrays, Enterprise Backup Solution (EBS) offerings, Fibre Channel SAN Switches and the HP StorageWorks SAN Director 64 Switch.

Key Features

- Operating system support is the Windows 2000 and Windows 2003, 32-bit environments
- Up to 400 MB/s Data Transfer Rates in full Duplex
- Full fabric support using F_Port and FL_port connections
- 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.
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HP Installation and HP 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: <ul style="list-style-type: none">• Installation and start up• Extended coverage hours and enhanced response times• System management and performance services
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HP Service & Warranty Support	Additional Warranty protection and/or Installation packages can be purchased.
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Software Product Services	<ul style="list-style-type: none">• Stand-alone telephone support• Rights to a new license• Media and documentation updates
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Hardware Product Services	<ul style="list-style-type: none">• Installation services• On-site Maintenance (includes warranty support)• Response time upgrades during the warranty period• Post-warranty coverage
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Warranty Upgrade Options	<ul style="list-style-type: none">• 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 minimum period of 1 year or multiple years <p>Additional Warranty protection and/or HP Installation packages can be purchased. 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</p>
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Service and Support, HP Care Pack and Warranty Information

HP Care Pack Information and Installation Services **NOTE:** Certain restrictions and exclusions apply. Consult the HP Customer Support Center for details.
NOTE: The part numbers These are sample part numbers

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

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

- 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.

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	6.60in X 2.54in	
	Media		Multi-mode Optic	
Connector	Optics	LC		
Ports	A7388A	One		
	A7387A	Two		
Power requirements	Power	@66MHz (typ/max)	A7388A	8.0/11.4 watts
			A7387A	8.1/11.6 watts
		@100/133MHz (typ/max)	A7388A	8.9/12/7 watts
			A7387A	9.2/13/1 watts

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