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Find the *Abaco Systems / SBS FC23-PMC-1F* at our website: *Click HERE*

Fibre Channel HBAs

2-Gigabit PMC Host Bus Adapters
FC23 Series

I/O & COMMUNICATIONS

Features

- 64-bit / 66 MHz PMC
- 200 MB/s half-duplex data transfer rate; up to 400 MB/s full-duplex
- Multiple initiator capable
- Fiber-optic and copper interface support
- SCSI initiator and IP protocol support on selected operating systems
- Unique high-bandwidth, low-latency firmware & software running on industry-standard QLogic® Fibre Channel 2300 controller chips
- Automatically negotiates 1- or 2-gigabit Fibre Channel bit rate allowing a FC23 card to be connected to a FC22 card
- Single chip engine includes enhanced RISC processor, Fibre Channel protocol manager, 2-gigabit tranceivers, and on-chip frame buffers



SBS' 2-Gigabit Fibre Channel PMC Host Bus Adapters (HBAs) and supporting software tools provide the high sustained throughput and low latency required for demanding real-time and storage applications. Engineered to take full advantage of industry standard Fibre Channel features and benefits, SBS HBAs incorporate unique value-added features such as a streamlined protocol engine.

Optimized device drivers for various operating systems are provided for standard file system and network support. Please contact SBS for additional information and driver availibility.



2-Gigabit Fibre Channel HBAs

Specifications

Fibre Channel PMC HBA
- FC-AL-2
- FC-FS
- SCSI-FCP
- SCSI-FCP-2

PMC Host Bus
- PCI Local Bus revision 2.2
- PMC IEEE P1386.1
- CMC IEEE P1386

Fibre Channel Chip
- ISP2300

RISC RAM
- 256Kbytes

Frame Buffers
- 6K receive FIFO
- 4K transmit FIFO

Protocol Support
- SCSI, FC-Tape, IP, and VI concurrently

Weight
- 0.10kg (3.5 ounces)

Power Requirements +5VDC
- Copper: 0.9A max
- Optical: 1.2A max, 1.4A typical

Temperature
- Operating: 0˚ to 55˚ C
- Storage: -20˚ to 70˚ C

Relative Humidity
- 5% to 95% non-condensing

Software Support

- Windows NT 4.0
- Windows 2000/XP
- Linux 2.4
- LynxOS 4.0
- VxWorks 5.4

SBS Ready Driver Interoperability

Operating Ranges over Fiber Optic Cable

Fiber Type	Range at 2.125-Gigabit Rate	Range at 1.0625-Gigabit Rate
62.5 micron MFF	100 meters	200 meters
50.0 micron MFF	300 meters	500 meters

Standard Cable Configurations

Length	Type	Model
3-meter	HSSDC	FCC-HH-03
	HSSDC to 9-pin D	FCC-HD-03
5-meter	HSSDC	FCC-HH-05
	HSSDC to 9-pin D	FCC-HD-05
	Multimode LC to LC duplex fiber-optic	FCF-LC-05
	Multimode SC to LC duplex fiber-optic	FCF-SC-LC-05
10-meter	HSSDC	FCC-HH-10
	HSSDC to 9-pin D	FCC-HD-10
	Multimode LC to LC duplex fiber-optic	FCF-LC-10
	Multimode SC to LC duplex fiber-optic	FCF-SC-LC-10
20-meter	HSSDC	FCC-HH-20
	HSSDC to 9-pin D	FCC-HD-20

Fiber-optic cable available in custom lengths up to 500 meters

Fibre Channel HBA Configurations

Model Number	Configuration
FC23-PMC-1C	PMC with one HSSDC port
FC23-PMC-1F	PMC with one fiber port
Custom configurations also available; call SBS at (651) 905-4700 for details.	

FCIA

SBS Fibre Channel interfaces, software, and associated products are provided in cooperation with Delphi Fibre Gear LLC, Costa Mesa, CA. QLogic is a registered trademark of QLogic Corporation.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

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We buy equipment

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