ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *SANBlaze SB PMC-FC4* at our website: ***Click HERE***

SB PMC-FC4

PMC 4Gb Fibre channel Adapter

DATASHEET

Product Highlights

- PMC 64b bus, 133MHz
- Fibre Channel 4Gb/s
- Two SFP port s, with Link LEDs
- Compatible with Intel®, AMD®, Sparc®

Key Applications

- VME or CompactPCI systems
- SAN or JBOD disk connection
- Data center access
- Storage backup and recovery

Features

- Any speed PCI-x 33,66,100,133MHz
- Any speed FC 4Gb/s, 2Gb/s,1Gb/s
- Includes two multimode optical SFP
- FC-Class3 support
- SAN switch fabric (N_port)
- Arbitrated loop (NL_port)
- Initiator and Target (126 ALPA)
- Front panel, bi-color link activity LEDs
- High data bandwidth
- Software Drivers for all major OS
- Boot BIOS and Fcode
- Pre-boot configuration utility
- Support field firmware upgrades

Regulatory

- RoHS 6/6
- IEC60950, EN60950
- EN55022, EN50024
- FCC, VCCI, EN5022 (Class A)
- Designed for NEBs compliance



PCI Mezzanine, 4G Fibre Channel Adapter

The SANBlaze SB-PMC-FC4 provides two 4Gb/s Fibre Channel connections in a PMC adapter form factor. The high performance, low latency SB-PMC-FC4 provides embedded system access to the storage industry's latest technology, using VME and Compact PCI standards.

Ideal for Storage area network (SAN) deployments, the SB-PMC-FC4 automatically detects deployment environment whether connected to a fibre channel switch, or to just a bunch of disks (JBOD).

The Dual channel PMC-FC4 adapter performs auto-speed negotiation , and can independently operate each port at 4 Gb/s or 1, 2 Gb/s for full backward compatibility with existing equipment. The SB-PMC-FC4 also supports both PCI-X and PCI hosts, and will automatically negotiate bus speeds up to 133MHz.

The SB-PMC-FC4 front panel includes two SFP ports, populated with multimode optical transceivers. Two LEDs provide visual status of port activity and link state.

Architecture

The SANBlaze SB-PMC-FC4 use LSI's FC949X controller which features fusion-MPT architecture. Fusion-MPT has been refined and optimized for over 10 years ensuring maximum product interoperability and robustness. All MPT controllers feature multiple embedded ARM® processors that deliver maximum performance and host CPU offload by keeping the required host OS driver code small.

Technical Specifications:

SB PMC-FC4	
PCI Bus	64-Bit, 133MHz PCI-X, backward compatible with PCI 33 and 66MHz
PCI Modes	Bus Master DMA
PCI Data Burst Transfer Rate	132 MB/s (PCI 32-Bit @ 33 MHz) 1056 MB/s (PCI 64-Bit @ 133MHz) 264 MB/s (PCI 64-Bit @ 33 MHz) 528 MB/s (PCI 64-Bit @ 66 MHz)
Form Factor	2.913" x 5.866", PCI Mezzanine Card (PMC)
PCI Card Types	3.3 V signaling
PCI Voltage	+3.3V □ 5%
PCI Power	< +5.0 W excluding transceivers
Bracket	Standard PMC Bracket
Certification Level	PCI 2.2, PCI-X 1.0a
Data Transfers	800MBps per channel full duplex
Protocols	SCSI-FCP,FC-tape
Topology	Point to Point, arbitrated loop, switched fabric (FL-port, F-port)
Front I/O	SFP, Support LC, multi-mode optic and copper options
LED Indicators	One bi-color per port. Amber = link loss. Green=activity
BIOS Flash Memory	512K x 8 flash EEPROM
OS Support	Windows Server 2003 (STORport and miniport) win2000, XP, Vista SCO Open Server 5.x Solaris x86, version 2.8 through 10 Solaris SPARC, version 2.6 through 10 UnixWare 7.x Linux 2.2,2.4 and 2.6 Kernels Linux RedHat (Intel x86, Itanium, EM64T, AMD) RHEL 3.0,4.0, 5.0 Linux SuSE(Intel x86, Itanium, EM64T, AMD) SLES 8.0,9.0,10.0
Environmental Conditions	
Operating Temperature	0ºC to +55ºC
Storage Temperature	-40ºC to +105ºC
Relative Humidity	5% to 90%
Power (max)	7.5W with transceivers

Ordering Information:

Base Part Number	Description
SB-PMC-FC4	**PMC adapter, Dual 4Gb/s Fibre channel, SPF multimode optics**

For more information please visit the SANBlaze web site at: www.sanblaze.com
or send email info@sanblaze.com.

SANBlaze is a leading provider of storage solutions for embedded systems, delivering high performance enterprise storage technologies and functionality to the embedded computing market. Our AMC, PMC, ATCA and cPCI board level storage solutions provide maximum design flexibility, ease of integration and cost effectiveness.

SANBlaze Technology, Inc. • One Monarch Drive, Suite 204 • Littleton, MA 01460 • Ph: (978) 679-1400 • Fax: (978) 897-3171

Copyright © 2009-2012 SANBlaze Technology Inc.. All rights reserved. Referenced products are trademarks or registered trademarks of their respective owners.

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

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP