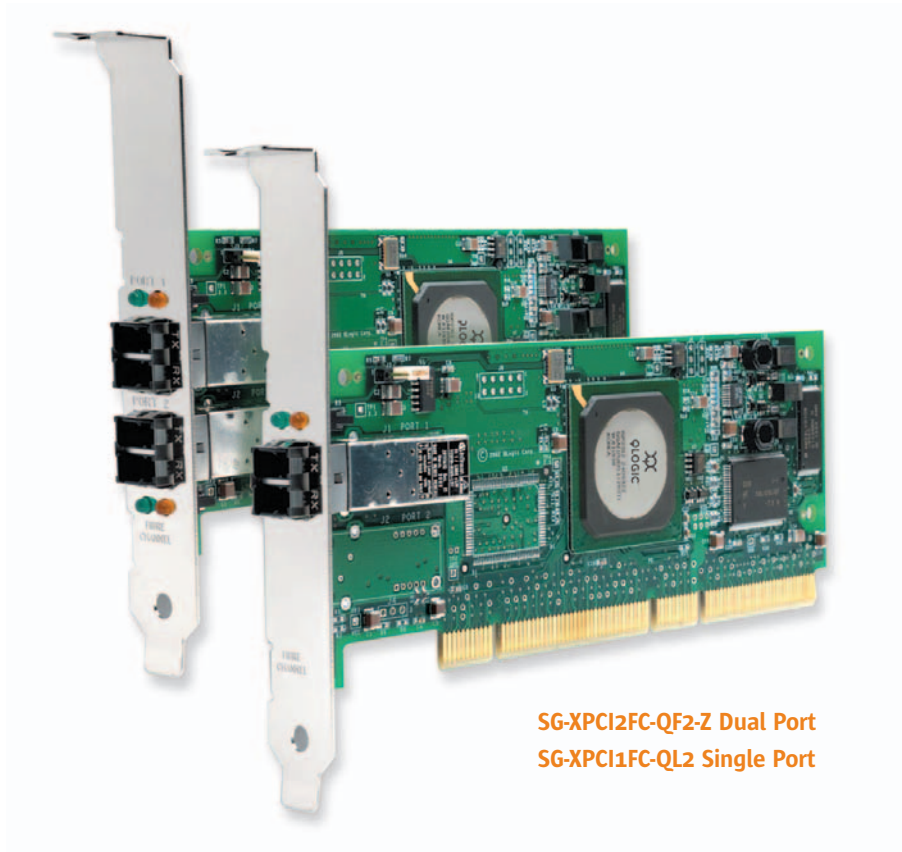


# Sun StorEdge™ 2 Gb Fibre Channel to PCI-X Single and Dual Port Host Bus Adapters



**SG-XPCI2FC-QF2-Z Dual Port**  
**SG-XPCI1FC-QL2 Single Port**

## Features and Benefits

- High data transfer rate  
Supports up to 400 MB/sec Fibre Channel data transfer rates in Full Duplex mode
- Choice of single- and multi-channel models
- Hands-off management  
Automatically negotiates Fibre Channel bit rate (1 or 2 Gb)
- Complete compatibility  
Backwards compatible with standard 33- and 66-MHz PCI
- RoHS 6 Compliant

## > 2Gbps Fibre Channel to PCI-X HBA provides high performance and flexibility for storage area networks

### Scalability and High Performance

The Sun StorEdge 2Gb Fibre Channel to PCI-X Host Bus Adapter (SG-XPCI2FC-QF2-Z, SG-XPCI1FC-QL2) has been optimized for peak performance and real-world scalability in storage area networks (SANs). Engineered for maximum bandwidth, our HBA eliminates host bus bottlenecks that may impede the high-performance of 2 Gb Fibre Channel and creates a balanced solution. With support for multiple protocols—SCSI, IP, and FC-Tape—our HBA is optimized for high-speed data movement and system management, providing the flexibility needed to run complex storage networks.

Sun StorEdge™ Traffic Manager software helps dramatically simplify administration by providing superior SAN-wide failover and load balancing between HBAs to improve availability and address storage growth without adding complexity.

Sun StorEdge Complete Storage Solutions—providing you with comprehensive hardware, software, and services to solve your business challenges enterprise-wide.

**Fibre Channel chip**

QLogic ISP2340A (single-port card)  
QLogic ISP2342A (dual-port card)

**RAM (per Fibre Channel port)  
Onboard intelligence**

256 KB  
Single chip engine includes enhanced RISC processor, Fibre Channel Protocol manager, PCI DMA controller, 2 Gb transceivers, and on-chip frame buffers.

**Topology**

FC-AL, Point-to-Point, Fabric

**Fabric support**

F-Port

**Class of service**

Class 3

**Transfers**

Full Duplex in point-to-point and fabric topologies.

**Protocols**

SCSI, FCP2 (FC-Tape), IP

**Host bus**

Conforms to PCI-X Specification 1.0 and PCI Local Bus Specification 2.2.

**FC data transfers**

Up to 400 MB/sec per channel with Full Duplex.

**Power Consumption****Single-channel PCI**

< 6 Watts

**Dual-channel PCI**

< 12 Watts

**Form Factor****Standard half card PCI**

6.875" x 4.200"

**3U compact PCI**

6.600" x 2.536"

**Environment****Operating**

0°C to 55°C (32° F to 131° F)  
5% to 90% relative humidity, noncondensing

**Nonoperating**

-20°C to 65°C (-40°F to 149°F)  
0% to 95% relative humidity, noncondensing

**Host Software****Software drivers**

PCI: Sun StorEdge Network Foundation Software

**Supported Operating Systems:**

Sun Solaris 8  
Sun Solaris 9  
Sun Solaris 10  
RedHat RHEL 3.0, x86 & x64  
Red Hat RHEL 4.0, x86 & x64  
SUSE SLES8 SP3, AMD64  
SUSE SLES9 SP1, AMD64  
Windows Server 2000 WHQL, x86,  
Windows Server 2003 WHQL, x86/x64

**Supported Server Platforms:**

SunBlade 1000, 1500, 2000, 2500  
Sun Fire V210, V240, V250, V440  
Sun Fire V440, V480, V490, V880, V890  
Sun Fire 4800, 4810, 6800, V1280, E2900,  
E4900, E6900 Sun Fire 12K, 15K, E20K, E25K  
Sun Fire 280R Netra 20, 240, 440, 1280,  
1400/1405 Sun Fire V20z, Sun Fire V40z  
Sun Fire x4100 Sun Fire x4200 Sun Fire T2000

**Get the details. For more information on this product, go to:**  
[www.sun.com/storage/san/infrastructure/fc\\_hba/](http://www.sun.com/storage/san/infrastructure/fc_hba/)

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