Benefits

- Dual, independent Fibre Channel ports in one 64-bit PCI adapter
- Designed for mission critical applications
- Doubles connectivity without adding hardware
- 2 independent controllers assures full throughput for each port
- Easy to install and manage with bundled EZ Fibre software
- Compatible with Windows NT, Windows 2000, Novell NetWare, Linux and Mac OS

About FibreStar

The JNI™ FibreStar™ FCE2-6410 (33 MHz) and FCE2-6412 (66 MHz) dual port PCI-to-Fibre Channel host bus adapters are designed to enable simultaneous high-speed data transfers between multiple Fibre Channel (FC) links and a single PCI-based server. The card functions as two separate single-channel HBAs, while taking up only one physical PCI slot. The FCE2-6410 and FCE2-6412 HBAs incorporate the same level of stability, reliability and overall robustness that has made JNI’s FC products a necessity for many high-end companies running mission critical Storage Area Network (SAN) applications.

The key feature separating the dual-port from the traditional single-port cards is the complete separation of channels on one HBA. Because each port on the HBA has its own dedicated ASIC chip set, each channel operates independently from the other. Adapter performance is never compromised, while each port can be separately configured. For example, one port of the HBA can be running in a loop environment, while the other port operates in a switched fabric, or point-to-point configuration.

The dual-port host bus adapter also is bundled with two JNI proprietary software products, EZ Fibre™ and the PC Server DriverSuite™. EZ Fibre is a powerful graphically based management and configuration utility that makes installing and maintaining JNI HBAs as easy and point-and-click. The PC Server DriverSuite is an integrated suite of software drivers that enable the HBA to operate under Windows NT, Windows 2000, Novell NetWare, Linux as well as Mac OS.

JNI’s dual-port advantage, combined with its unrivaled commitments to product quality and customer service, make the FCE2-6410 or FCE2-6412 an easy choice to make when maximizing your Fibre Channel connection.
Features

Dual independent, full speed Fibre Channel interfaces in a single slot
Full-duplex data receive and transmit
Sustained high I/O bandwidth
Low latency
Highly efficient PCI bus utilization
Multi-layer software architecture
Full parity protection on data paths
External Status LEDs for each port (4 per channel)
Supports Built-in Self Test (BIST)

Technical Specifications

Fibre Channel Interface:
- Topologies: Point-to-Point, Arbitrated Loop or Switched Fabric
- 64-bit bus master PCI @ 33MHz or 66MHz
- 33/66 MHz, 64-bit data transfer paths
- Data Transfer Rate: 1.0625 Gbit/sec
- Support for Class 3
- Full duplex data receive and transmission
- External and Internal loop back modes

Software Support:
- Windows NT® 4.0
- Windows 2000®
- Linux® Red Hat® 6.0, 6.1
- Novell NetWare® 5.0
- Mac OS® 8.1
- Solaris® 2.51, 2.6, 7, 8

Physical Dimensions:
9.945 in x 4.2 in (176.41 mm x 106.68 mm)

Power Requirements:
+5 Vdc @ 3.0A optical

External Connectivity:
- Optical short-wave dual SC connector
  - 50/125 multi-mode (up to 500m)
  - 62.5/125 multi-mode (up to 300m)

Environmental, Emissions and Safety:
- Operating Temperature: 0 to +50... C
- Storage Temperature: -20 to +70... C (JC to confirm)
- Relative Humidity: 5% to 95%
- non-condensing
- FCC Class B, VCCI, and CE

Compliance and Standards:
- ANSI Fibre Channel
- FC-AL
- FC-PH
- FCP
- FCP-SCSI
- PCI 2.1 (PCI Local Bus Specification)

Ordering Information:
- 64-bit, 33MHz Dual Port PCI-FC HBA
  - FCE2-6410-N Optical Short-wave (non-OFC)
- 64-bit, 66MHz Dual Port PCI-FC HBA
  - FCE2-6412-N Optical Short-wave (non-OFC)