Benefits

- Designed for Mission Critical Applications
- Industry Leading Performance
- Flexible Connectivity Options
- Easy to Install and Manage

About FibreStar

The JNI® FibreStar™ FCI-1063 PCI-to-Fibre Channel host bus adapter is the solution when your connectivity needs call for immediate access to large amounts of data. Adoption of the Fibre Channel (FC) standard enables networks to shed the speed, distance, and connectivity limitations inherent in previous configurations.

Stability, reliability, and availability have long been the attributes of JNI’s Fibre Channel connectivity solutions. JNI is the fastest and most robust onramp to Fibre Channel technology. Today’s marketplace has raised the demands on information access. Because of JNI’s history of being the mission-critical connectivity solutions provider, a growing number of the largest and most successful companies worldwide are looking to the FibreStar product line as their primary choice for Fibre Channel solutions.

The Storage Area Network (SAN) is today’s configuration of choice when it comes to high-speed data transfer. By increasing the connection speed between server and storage device by up to 10 times the current SCSI standard, the FCI-1063 is the backbone to a well-run, highly efficient SAN. Efficient zoning, network security and resource sharing are all features of a SAN, and JNI’s PCI adapter is the fastest ticket to implementing and taking full advantage of these and many other Fibre Channel benefits. The ability to connect multiple devices, multiple protocols, and multiple topologies into one seamless, high-speed network.
Features

- Full speed Fibre Channel interface
- Full duplex data receive and transmit
- Sustained high I/O bandwidth
- Extremely low latency
- Highly efficient PCI bus utilization
- Universal PCI connector
- Supports dynamic reconfiguration
- Integrated interface options for copper or optical fiber
- Combined software drivers for network and storage protocols (Solaris® only)

Technical Specifications

Fibre Channel Interface:
- Topologies: Point-to-Point, Arbitrated Loop and Switched Fabric
- Data transfer rate: 1.0623 Gbit/sec
- Support for Class 2, 3, and intermix (hardware only)
- Full duplex data receive and transmit
- External and Internal loopback modes

Software Support:
- Windows NT® 4.0 (SCSI/FCP only)
- Solaris PCI 2.51, 2.6, and 2.7, 8 (combination SCSI and TCP/IP driver)

For the most current versions of software drivers, see our web site at wwwjni.com.

Physical Dimensions:
- PCI Short form factor: 5.5 in X 4.2 in (140 mm X 107 mm)

Power Requirements:
- +5 Vdc @ 1.5A copper
- +5 Vdc @ 1.85A optical

External Connectivity:
- Copper DB9/twinax cable (up to 30m)
- 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 +55... C
- Storage Temperature: -40 to +85... C
- Relative Humidity: 10% to 95%
- non-condensing
- FCC Class B, CSA, and VDE

Compliance and Standards:
- ANSI Fibre Channel
- FC-PH, FC-AL
- FC, PLDA, FC-FLA
- PCI 2.1 (PCI Local Bus Specification)

Ordering Information:
- 32-bit PCI-FC Host Bus Adapter
- FCI-1063-C Copper DB9
- FCI-1063-N Optical short wave