

# FibreStar<sup>®</sup> FCI-1063

32-bit PCI-to-Fibre Channel  
Host Bus Adapter

## Benefits

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

## Overview

The JNI™ FibreStar™ FCI-1063 PCI-to-Fibre Channel host bus adapter is the ideal 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. When multi-billion-dollar accounts are hanging in the balance, data needs to be accurately sent, received, stored, and accessed within seconds. And it's because of JNI's history of being the mission-critical connectivity solutions provider, that 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.

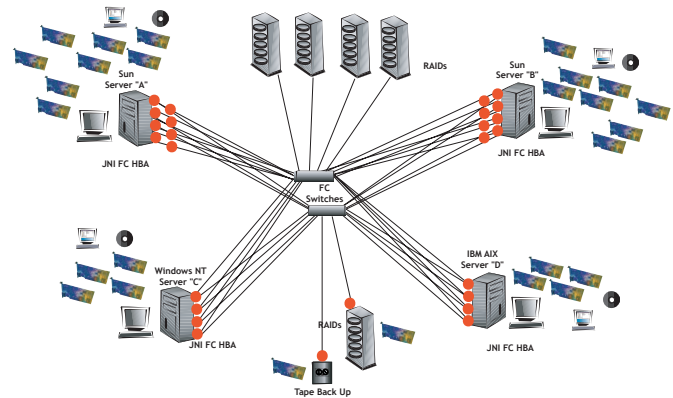
The Storage Area Network (SAN) is today's configuration of choice when it comes to high-speed data transfer. By increasing the connection speed between server and storage device by up to 10 times the current SCSI standard, the FCI-1063 is the backbone to a well-run, highly efficient SAN. Efficient zoning, 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 the benefits of Fibre Channel. The FCI-1063 comes with EZ Fibre™, a powerful graphic based management and configuration utility that makes installing and maintaining JNI HBAs as easy as point-and-click. This eliminates the need to manually edit complex system configuration.

The ability to connect multiple devices, multiple protocols, and multiple topologies into one seamless, high-speed network is what separates JNI from the competition.



# Features

- Combined software drivers for network and storage protocols
- Full speed Fibre Channel interface
- Full-duplex data receive and transmit
- Sustained high I/O bandwidth
- Extremely low latency
- Highly efficient PCI bus utilization
- Supports dynamic reconfiguration
- Integrated interface options for copper or optical fiber
- Bundled with EZ Fibre™ Configuration software
- Full parity protection on data paths
- Universal PCI connector



# Technical Specifications

## Fibre Channel Interface:

- Topologies: Switched Fabric, Arbitrated Loop or Point-to-Point
- Data Transfer Rate: 1.0623 Gb
- Support for Class 2, 3, and intermix (hardware only)
- Full duplex data receive and transmit
- External and Internal loop back modes

## Software Support:

- Solaris 2.6, 2.7, and 2.8 (combo SCSI and TCP/IP driver)

For the most current versions of software drivers, see our web site at [www.jni.com/Drivers](http://www.jni.com/Drivers)

## Physical Dimensions:

PCI Short form factor: 5.5 in x 4.2 in (140 mm x 107 mm)

## Power Requirements:

- +5 Vdc @ 1.5 A copper
- +5 Vdc @ 1.85 A optical

## External Connectivity:

- Copper DB9/twinax cable (up to 30 m)
- Optical short-wave Dual SC Connector
  - 50/125 μ multi-mode (up to 500m)
  - 62.5/125μ multi-mode (up to 300m)

## Environmental, Emissions and Safety:

- Operating Temperature: 0 to +50° C
- Storage Temperature: -20 to +70° C
- Relative Humidity: 5% 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-to-FC Host Bus Adapter
  - FCI-1063-C Copper DB9
  - FCI-1063-N Optical short wave

## Compliance Standards:

- Electrical Safety: EN 60950/A11:1997
- Laser Safety: EN 60825-2:2000-05
- Laser Module: TUV (rh) and CSA approved Class 1 component
- UL Safety Standards
- Electromagnetic Emissions: EN 55022 Class B, FCC Part 15, VCCI: 1997, AU/NZ S3548:1995, CNS-13438
- Immunity: EN 50082