

ATTO ExpressPCI FC 2600

Fibre Channel



1.0625-Gigabit Fibre Channel Host Adapter With a Fixed Copper HSSDC Interface

The ATTO ExpressPCI FC 2600 is designed for high performance with very low latency for the most demanding Storage Area Network (SAN) environments. Using proven technologies and protocols, the FC 2600 supports all Fibre Channel topologies and provides an economical copper connection to Fibre Channel devices.

TECHNICAL HIGHLIGHTS

- 1.0625-Gigabit Fibre Channel host adapter
- 200 MB/sec. throughput in full-duplex mode
- Fixed copper HSSDC connector
- Support for SNIA HBA API
- 64-bit/66 MHz PCI interface
- Optimized Fibre Channel and SCSI-3 algorithms
- Advanced data interleave architecture
- Full multiple block buffering

ATTO

ATTO Technology, Inc.
attotech.com

155 CrossPoint Parkway • Amherst, NY 14068 • 716.691.1999

ATTO ExpressPCI FC 2600

Hardware Specifications

Fibre Channel Interface:

- 1.0625-Gigabit data-transfer rates
- 200 MB/sec. throughput in full duplex mode
- Fixed copper HSSDC Fibre Channel connector
- Supports all Fibre Channel topologies
 - Point-to-Point
 - Arbitrated Loop
 - Direct Fabric/Switch Attach
- Strict adherence to ANSI FC-AL-2, FC-PLDA, FC-Tape, and FC-FLA specifications
- Supports Class 2, Class 3 and Intermix transfers
- Flash ROM for easy field upgrades

Advanced FC Features:

- Support for SNIA HBA API
- LUN Masking
- Supports Target and Initiator Modes

Advanced SCSI-FCP Support:

- Large command FIFO
- Asynchronous I/O support
- ASPI and SCSI Manager 4.3 compatible
- SCSI-3 tagged command queuing
- Bootable from attached disks
- Support for multiple block sizes

Accelerated PCI Bus Management:

- PCI bus master rate of 528 MB/sec.
- PCI 2.2 compliant
- 64-bit/66 MHz PCI (backward compatible with 32-bit and 33 MHz PCI)

Software Specifications

Driver Support:

- Windows® 2000
- Windows XP
- Windows Server 2003
- Linux
- Solaris (x86 and SPARC)
- Mac® OS X
- Mac OS 9

Advanced Data Streaming (ADS™):

- Improved PCI system bandwidth use
- Optimized FC and SCSI-3 algorithms
- Tagged command queuing
- RISC processor for high performance

RAID kits available

Environmental and Physical Characteristics

Dimensions:

- Full form factor: 4.200" x 6.521"

Operating Environment:

- Temperature: 0-50° C
- Humidity: 10-90% non-condensing
- Airflow: 100 LFM (min.)

Power:

- 1 Amp @ 5 Volts

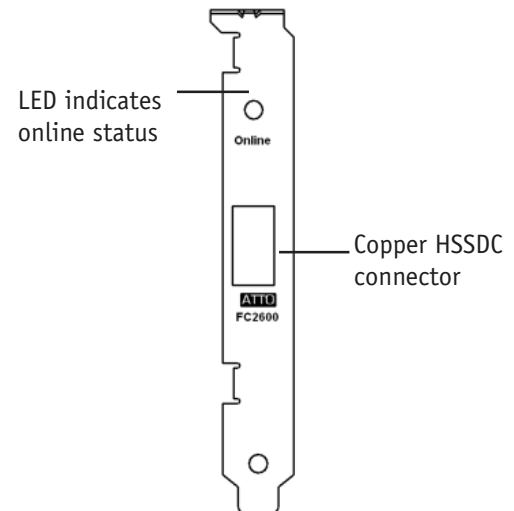
PCI Signal Compatibility:

- 3.3 Volts/5 Volts universal



Configuration:

- Easy to install connection plate with LED to monitor on-line status



Fibre Channel Host Adapter Selection Chart

Single & Multi-Channel 2-Gigabit Adapters					
PRODUCT FEATURES	FC 3342	FC 3322	FC 3321	FC 3300	FC 3305
Number of FC Channels	4	2	2	1	1
Maximum Transfer Rate (MB/sec.)	400*	400*	400*	400	400
32-bit PCI Compatible		•	•	•	•
64-bit PCI Compatible	•	•	•	•	•
Fabric & Loop Support	•	•	•	•	•
Cable Distances (max.)	500M	500m	500m	500m	10m
33 MHz PCI Compatible		•	•	•	•
66 MHz PCI Compatible	•	•	•	•	•
133 MHz PCI-X	•	•			
Optical/Copper Interface	SW LC SFP	SW LC SFP	SW LC SFF	Fixed SW LC	HSSDC
Class	2,3	2,3	2,3	2,3	2,3
Full-duplex	•	•	•	•	•
RAID Support	•	•	•	•	•
Windows® 2000/XP/Server 2003	•	•	•	•	•
Solaris, Linux		Linux	Linux	•	•
Mac® OS and Mac OS X Support	OS X	OS X	OS X	•	•

* per channel

Fibre Channel