

# ATTO FibreBridge™ 3300R

Fibre Channel



## Next-generation Fibre Channel-to-SCSI Bridge Product Module for use with ATTO FC Rack System

*ATTO FibreBridge™ 3300R is a Fibre Channel-to-SCSI bridge product module for the ATTO FC Rack System. The 3300R features one (1) Fibre Channel port with a 2-Gigabit SFP connector and two (2) Ultra3 SCSI ports. For enterprise-level tape drive vendors who require 2-Gigabit Fibre Channel performance with full system redundancy, the 3300R provides a high-performance, highly redundant solution with full application support.*

*ATTO's built-in intelligent Bridging Architecture™ offers a unique combination of features that gives manufacturers the ability to embed customized value into their products.*

## TECHNICAL HIGHLIGHTS

- 1 x 2 with a 2.125-Gigabit Fibre Channel port and two (2) independent Ultra3 SCSI busses
- 400 MB/sec. maximum throughput
- Support for SNIA Extended Copy
- RS-232, Ethernet and Fibre Channel in-band configuration, monitoring and management
- Full support for direct connect to F-port fabric switches
- Hot-swappable product module for the FC Rack System

ATTO

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# ATTO FibreBridge™ 3300R

## Fibre Channel and SCSI

### Fibre Channel Interface:

- 2.125-Gigabit (400 MB/sec. in full-duplex mode)
- Backward compatible with 1.0625-Gigabit devices
- One (1) SFP (Small Form Factor Pluggable) port
- Full support for direct connect for F-port fabric switches
- Class 2, Class 3 and Intermix ANSI Fibre Channel Specifications
- PLDA, public loop login (NL\_ports) and fabric connect (N\_port)
- Full-duplex transmissions

### SCSI Interface:

- Two (2) independent 68-pin SCSI connectors
- LVD Ultra3 SCSI – 160 MB/sec. max per channel
- Backward compatible with all Single-ended SCSI devices
- 128 LUNs per channel

### Performance:

- Up to 6,800 I/Os per sec.
- Up to 209 MB/sec. sustained data-transfer rate
- Memory: 128 MB of SDRAM for advanced data buffering and performance
- Supports Tagged Command Queuing
- Support for 2 concurrent XCOPY commands

### Fibre Channel Compliance:

- ANSI FC-AL
- SNIA Extended Copy
- Class 2, Class 3 and Intermix
- FCP-1 and FCP-2 Fibre Channel Specifications

## Management

### Device Management Physical Interface:

- In-band (through Fibre Channel)
- Serial RS-232 Port
- Network through 10/100 BaseT Ethernet Port (Telnet, FTP and SNMP)

### Device Management User Interface:

- Command Line Interface (CLI)
- ASCII-based menu system
- ATTO BridgeTools™ Java-based application
- Performance reporting and Error Logging (CLI commands)

### LEDs:

- Power
- FC Activity
- 2-Gigabit Operation
- SCSI Activity Port 1, 2
- Ready

## Environmental and Physical Characteristics

### Dimensions:

- 6.670" W
- 9.664" L
- 1.72" (1U) H

### Operating Environment:

- Temperature: 5 - 40° C
- Humidity: 10 - 90% non-condensing
- User configurable integrated thermal sensor data for auto shutdown
- Default: 70° C (max)

### Power:

- Rack mount module (see FC Rack System)

### Configuration:

- Rack mount module (see FC Rack System)

### Airflow:

- See FC Rack System for details

## Other

### Operating Systems Supported:

- Operating system independent

### Agency Certifications:

- FCC Class A
- CE (EN55022/EC50082)
- CSA
- UL 1950 Listed
- CUL Listed

Figure 1 - FC Rack System Assembly

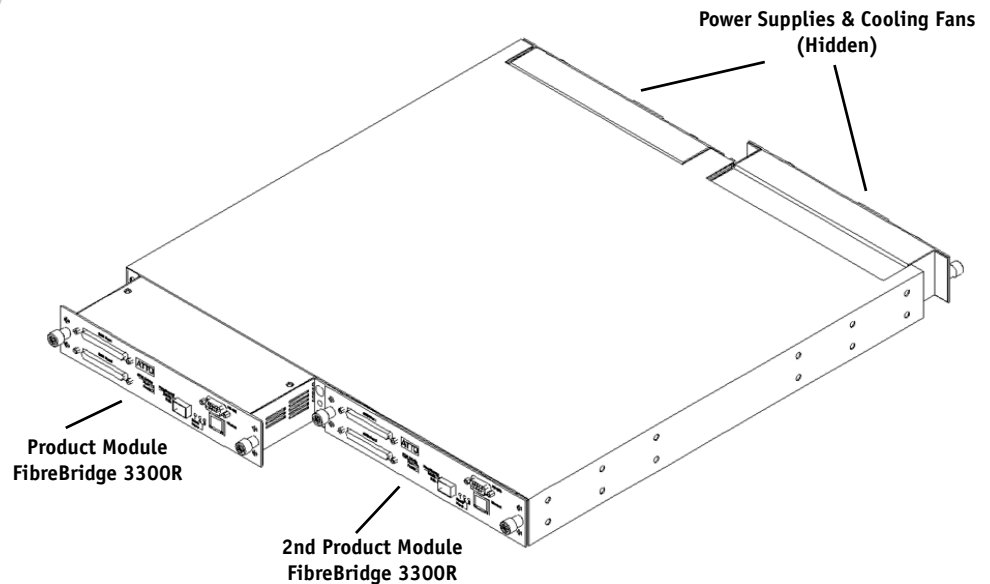
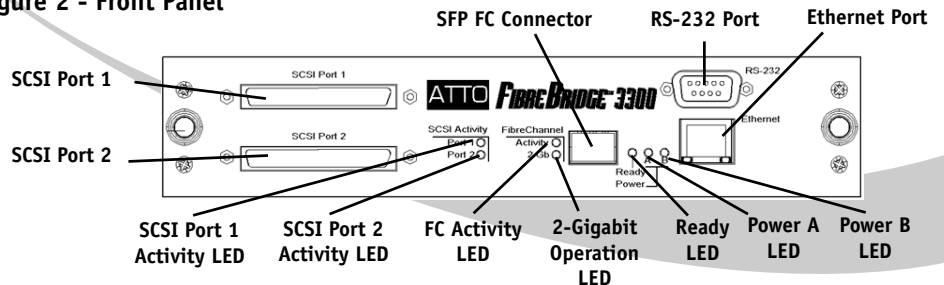


Figure 2 - Front Panel



# Fibre Channel