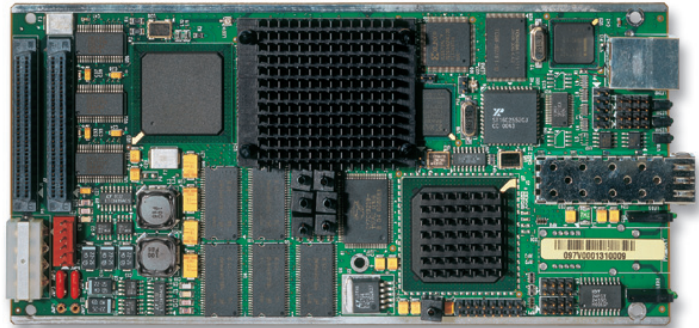


ATTO FibreBridge™ 2300E



Easily Integrated, Next-generation Fibre Channel-to-SCSI Bridge

ATTO FibreBridge™ 2300E is an embeddable Fibre Channel-to-SCSI bridge featuring one (1) Fibre Channel port with a 2-Gigabit SFP connector and two (2) Ultra160 SCSI ports. For mid-range-capacity tape and storage drive OEMs who need 2-Gigabit Fibre Channel performance, the 2300E provides a compact embeddable solution for a wide range of applications. Unlike other bridges and routers, the 2300E, combined with the 2300R/D, provides a single-source combination for 2-Gigabit products that can be used as an internal or external solution.

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

- One 2-Gigabit Fibre Channel port by two (2) independent Ultra160 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
- Small form factor

Fibre Channel

ATTO

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Fibre Channel and SCSI

Fibre Channel Interface:

- 2-Gigabit (400 MB/sec. in full-duplex mode)
- Backward compatible with 1-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 Ultra160 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 through 6-pin and 10-pin serial headers
- Network through 10/100 BaseT Ethernet Port (Telnet, FTP and SNMP)

Device Management User Interface:

- Command Line Interface (CLI)
- ASCII-based menu system
- ATTO ExpressNAV™ web-based integrated management console
- Performance reporting and Error Logging (CLI commands)

LEDs:

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

Environmental and Physical Characteristics

Dimensions:

- 3.9" W (O.D.)
- 7.995" L (O.D.)

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:

- Input: Max 1.8A @ 12V – 21.6 Watts
Max 3.8A @ 5V – 19 Watts
Max 5.0A @ 3.3V – 18 Watts
Max 1.3A @ 12V
Max 1.1A @ 5V – 21.1 Watts
- Can power bridge from +5V, +12V, or a combination of both

Configuration:

- Single (embedded) PCB

Airflow:

- Recommended 250 LFM
- Ambient Air not to exceed 40°C

Other

Operating Systems Supported:

- Operating system independent

Figure 1 - FibreBridge 2300E

