ATTO iPBridge™ 2700R/D

IP Storage

iSCSI-to-Fibre Channel Bridge ideal for connecting Fibre Channel storage networks to an IP SAN

ATTO's iPBridge™ 2700C/R/D supports up to four independent 100/1000 BaseT Ethernet connections bridged to two independent Fibre Channel busses at full bandwidth. Support for both FC and iSCSI protocols allows storage devices such as disk drives, tape drives and libraries, and CD jukeboxes to easily attach to IP networks.

The ATTO iPBridge 2700 is available in an industry standard rack mount enclosure (iPBridge 2700R/D), along with an embeddable industry standard 4U form factor (iPBridge 2700C). The 2700C incorporates cPCI power connectors, hot swap control circuitry and common integration features and dimensions. OEM's and integrators can deploy multiple interface technologies within a single automation or storage solution. Products featuring ATTO's 4U form factor currently support 2-Gig FC-to-SCSI, 4Gig FC-to-SCSI, iSCSI-to-SCSI, and iSCSI-to-2Gig FC connectivity.

TECHNICAL HIGHLIGHTS

- **Four independent Gigabit Ethernet ports to two independent 4 Gigabit Fibre Channel busses**
- **Near wire speed (99.5%) sustained throughput – 120MB/sec. per GigE port**
- **Auto negotiates to 2/1-Gigabit Fibre Channel**
- **Full support for direct connect to F-port fabric switches**
- **Support for FC-AL, PLDA, public loop login and iSCSI protocol 1.0**
- **Available as embedded board-level product or desktop/rack mount enclosure**
- **Features *i*ntelligent Bridging Architecture for optimized performance**
- **PCI-X v1.0 internal bus**

ATTO

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Gigabit Ethernet and FC

GbE Interface:

- Four independent 100/1000 GbE RJ45 Ethernet ports
- Supports Microsoft iSCSI initiators
- Supports IP v.4
- Support for NDMP Version 4.0, 3.0
- Compliance with IEEE 802.3 GbE
- Compliance with IEEE 802.3 flow control
- SNMP MIB 2.2 support
- PCI-X v1.0 internal bus

Fibre Channel Interface:

- 4.250-Gigabit
- Auto-negotiates to 2.125/1.0625–gigabit devices
- Two Optical SFP (Small Form Factor Pluggable) Fibre Channel Ports
- Full support for direct connect for F-port fabric switches
- Class 3 and intermix ANSI Fibre Channel Specifications
- PLDA, public loop login (NL-ports) and fabric connect (N-port)
- Full-duplex transmissions
- PCI-X v1.0 internal bus

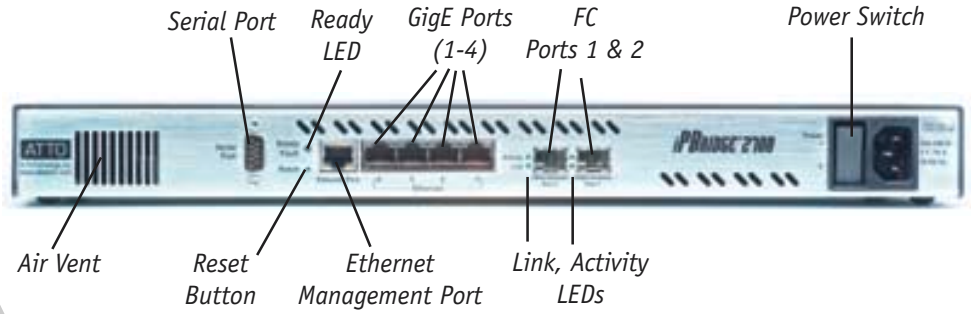
Management

Operating Environment:

- Operating system independent
- Supports all SCSI devices including hard disk drives, tape drives, RAID controllers, DVD, MO & CD libraries

Local and Network Management:

- Integrated web server for remote configuration, management and diagnostic capabilities
- Local diagnostics supported through CLI, SNMP, Telnet, FTP and SCSI Enclosure Services (SES)
- Command line and menu-based ASCII text management access via Ethernet
- Support for RS-232 access via RJ-11 interface
- MultiTarget Mode allows each SCSI device to have its own iSCSI Target name
- Multiple levels of password protection



LEDs:

- Ethernet link and activity
- FC activity
- Fault
- Ready

Environmental and Physical Characteristics

Configurations:

- Single (embedded) PCB
- Desktop enclosure with rack mount kit

Dimensions:

- Embedded Board:
  6.193" W x 6.299" L x .75" H
- Rack/Desk Enclosure:
  1.7" (1U) H x 17"W x 8.94" L

Operating Environment:

- Operating: 5-40° Celsius
- Temperature: user configurable integrated thermal sensor data for automatic shutdown Default 70° Celsius
- Air Flow: Recommended 11 CFM Ambient Air not to exceed 40° Celsius
- Humidity: 10-90% non-condensing

Power:

- Embedded:
  5V@5.1A
- Desktop:
  100-240VAC@1.7-0.8A

Weight:

- 8 lbs (Rack/Desk model)

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