

# ATTO iPBridge™ 2500R/D



## Gigabit Ethernet-to-SCSI Bridge featuring management and connectivity to iSCSI applications

*The iPBridge™ 2500R/D offers End Users, OEMs and Integrators IP network connectivity for existing direct-connect SCSI devices. Uniquely designed to support the high throughput needs for applications that require streaming data transfers (data backup), the ATTO iPBridge 2500R/D optimizes performance by utilizing ATTO's proven intelligent Bridging Architecture™. The ATTO iPBridge 2500R/D supports the iSCSI protocol, maximizing application, system and network configuration flexibility and support, making it ideal for both iSCSI SAN environments.*

## TECHNICAL HIGHLIGHTS

- Triple Gigabit Ethernet Ports with RJ45 connectors
- Dual Ultra3 LVD/SE SCSI busses with VHDCI 68-pin "P" connectors
- Support for iSCSI protocol standards
- Configuration, Management and Monitoring via RS232 or independent Ethernet ports
- Available as a standard compactPCI embedded board-level product
- Features intelligent Bridging Architecture™ for optimized performance

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ATTO

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# ATTO iPBridge™ 2500R/D

## Gigabit Ethernet and SCSI

### GbE Interface:

- Triple independent 100/1000 GbE RJ45 Ethernet ports
- Supports IP v.4
- Compliance with IEEE 802.3 GbE
- Compliance with IEEE 802.3 Flow control
- SNMP MIB 2.2 support
- Supports Microsoft iSCSI Initiator

### SCSI Interface:

- Dual independent 160 MB/sec. Ultra3 LVD/SE SCSI bus ports
- SCSI block level data encapsulation in iSCSI transport
- Controlled backup, recovery and data transfer for network storage
- Backward compatible with all single-ended SCSI devices
- Upgradeable large MB RAM Memory for advanced data buffering and performance

## Management

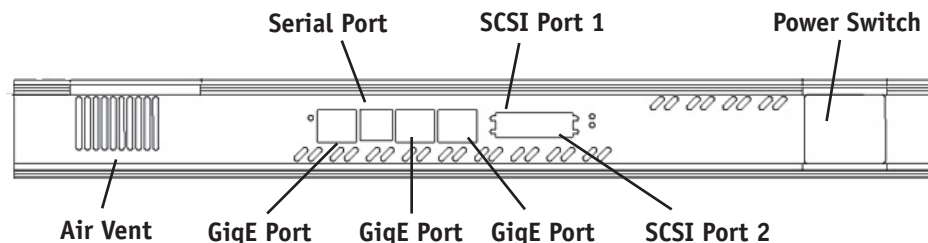
### Operating Environment:

- 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

Figure 1 - Rear Panel View



### LEDs:

- Ethernet link and activity
- SCSI activity
- Fault

## Environmental and Physical Characteristics

### Configurations:

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

### Dimensions:

- Embedded Board:  
6.193" W x 6.375" L
- 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:  
0.8A@ 12V, 0.3A@ 5V, 5.0A@ 3.3V  
18 Watts

### Weight:

- 8 lbs (Rack/Desk model)

I P S t o r a g e