iPBridge™ 2600R/D

ATTO Technology, Inc.

High-performance iSCSI-to-SCSI bridge with support for next-generation storage media

Product Features

Blazing Fast Performance
- Allow storage devices to operate at near-native speeds with throughput of over 1 TB/hr

Smooth Data Streaming
- Increase write performance with Speedwrite™
- Reduce failed backups due to busy or slow-to-respond storage with ATTO's exclusive Virtual Drive Response (VDR)

One Click Installation
- Simplify configuration and management of FibreBridges with ExpressNAV™, ATTO's easy-to-use web-based GUI
- Reduce time spent on initial set-up with features such as automatic LUN mapping
- Quickly and easily integrate additional bridges into SANs with the ability to save and restore bridge configurations

SAN Connectivity
- Extend useful life of existing SCSI storage by adding iSCSI connectivity
- Single point of management for storage behind the bridge

Internet SCSI technology (iSCSI) is one of today's fastest growing storage networking protocols. iSCSI utilizes Ethernet networks to allow users to reap the benefits of networked storage, such as increased availability and scalability. However, this presents a problem for organizations interested in migrating to iSCSI but have already invested thousands of dollars in SCSI-based storage. ATTO iPBridges help resolve this issue by offering iSCSI connectivity to native SCSI devices, extending the useful life of SCSI devices while eliminating the need to purchase costly new storage.

The ATTO iPBridge 2600R/D is the premier iSCSI-to-SCSI bridge available on the market today, thanks to industry-leading support for Ultra320 SCSI. The iPBridge 2600 is available in an industry-standard 1U desktop and rack mount form factor.

In addition to offering iSCSI-to-SCSI protocol conversion, all iPBridges offer additional value through ATTO-designed technologies. Performance of the bridge is optimized through the utilization of *i*ntelligent Bridging Architecture, while SpeedWrite™ efficiently queues outstanding write commands to enhance the throughput of the bridge. Additional features such as e-mail notification of errors and SNMP support serve to reduce downtime and increase productivity. The ever-increasing security concerns of today are also addressed by the iPBridge 2600 through support for both Virtual LANs (VLANs) and Access Control Lists (ACLs.)

With a high performance architecture utilizing Gigabit Ethernet and Ultra320 SCSI, the iPBridge 2600R/D is the industry's first choice for adding high-performance iSCSI connectivity to SCSI

Technical Highlights

- **Four independent Gigabit Ethernet ports to two independent Ultra320 SCSI busses**

- **Near wire speed (99.5%) sustained throughput— 120 MB/sec. per Gig-E port**

- **Support for leading iSCSI initiators, including Microsoft iSCSI Initiator v2.01**

- **Gigabit Ethernet connectivity auto-negotiates to 10/100 Ethernet**

- **ExpressNAV™ browser-based GUI for remote administration and diagnostics**

- **Configuration, management, and monitoring via Ethernet and serial console port**

- **RoHS Compliant**

- **2-year standard product warranty**

Technical Specification
iPBridge™ 2600R/D

iSCSI Bridge

iPBridge™ *2600R/D*

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Gigabit Ethernet and SCSI	
Gigabit Ethernet Interface	• Four independent 100/1000 Gig-E RJ45 Ethernet ports • Supports IP v.4 • Compliance with IEEE802.3ab Gig-E • Supports Microsoft iSCSI Initiator v2.01
SCSI Interface	• Dual independent Ultra320 LVD/SE SCSI bus ports • Backwards compatible with all single-ended SCSI devices
Management Interface	• RJ-45 connector for Ethernet management port • RS-232 serial header console port
Management	
Operating Environment	• Operating system independent • Supports all SCSI devices including hard disk drives, tape drives, RAID controller, DVD, MO and CD libraries
Local and Network Management	• ExpressNAV™ web-based management console 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 management port • Access Control Lists (ACLs) • Virtual LAN (VLAN) Support
Agency Approvals (Pending)	
Safety and Environmental	• FCC Class A • CE EN55022 • CE EN55024 • CE 60950 • RoHS Compliant
Environmental & Physical Specifications	
Dimensions	• 1.7" (1U) H x 17" W x 8.94" L
Operating Environment	• Operating: 5-40° C • Humidity: 10-90% non-condensing
Storage Environment	• Temperature: -40°-70° C • Humidity: 5—95% non-condensing
Power	• 100-240VAC@1.7-0.8A
Airflow	• 11 CFM recommended • Ambient air not to exceed 40° C
Ordering Information	
Model Number	• IPBR-2600-DR0
Accessories	• Cables: CBL-0911-R01

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ATTO | Power Behind the Storage
ATTO Technology, Inc.

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