



ATTO Technology, Inc.

iPBridge™ 1550E

iSCSI-to-SCSI High Performance Bridge for Cost-effective IP SAN Connectivity



Product Features

Blazing Fast Performance

- Allow storage devices to operate at near-native speeds with throughput over 400 GB/hr

Smooth Data Streaming

- Increase write performance and ensure the path between the host and bridge is consistently filled with data thanks to SpeedWrite™, an ATTO-designed technology which efficiently queues outstanding write commands
- Reduce failed backups in the event of 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 QuickNAV and automatic LUN mapping
- Quickly integrate additional bridges with configuration save and restore

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™ 1550E provides a simple and cost-effective way to add iSCSI connectivity to Ultra320 SCSI devices. The 1550E is available as a compact desktop unit which provides near-wire speed throughput, allowing SCSI storage to operate at near-native speeds. Initial installation and configuration is a quick and painless task due to the ExpressWizard configuration assistant, which helps optimize the bridge for specific application needs by asking a series of basic questions. Management of the bridge is simplified with ExpressNAV, ATTO's web-based management GUI which provides an easy interface to configure, manage and diagnose ATTO iPbridges.

The iPBridge 1550E offers broad market acceptance through ISV certifications and support for leading iSCSI protocols, and is the first choice of organizations that require cost-effective iSCSI connectivity without sacrificing performance.

Technical Highlights

- One independent Gigabit Ethernet port to one independent Ultra320 SCSI port
- Compatible with all leading iSCSI initiators
- Gigabit Ethernet connectivity auto negotiates to 10/100 Ethernet
- Near-wire speed sustained throughput
- Features Virtual Device Architecture for the addition of value add features such as Hardware RAID and Virtual Tape
- ExpressNAV™ integrated management console for remote configuration, management and diagnostic capabilities
- Supports all SCSI devices including hard disk drives, tape drives, RAID controllers, DVD, MO & and CD libraries
- RoHS Compliant
- 2-year standard product warranty

Technical Specification
iPBridge™ 1550E

iSCSI Bridge

For More Information:
www.ATTOTech.com
 or to Purchase:
www.ATTOSTore.com
 (716) 691-1999



iPBridge™ 1550E

ATTO Technology, Inc. **Appliance**

Gigabit Ethernet and SCSI	
Gigabit Ethernet Interface	<ul style="list-style-type: none"> • 10/100/1000 Gig-E RJ45 Ethernet port • Supports IP v.4 • Compliance with IEEE802.3ab Gig-E • Compliance with IEEE 802.3x Flow Control • SNMP MIB 2 support • Supports 9K Jumbo Ethernet frames
SCSI Interface	<ul style="list-style-type: none"> • Single 68-pin SCSI connector • Ultra320 LVD SCSI—320 MB/sec. maximum throughput • Backward compatible with all single-ended SCSI devices • Supports SCSI-3 specifications
Management	
Operating Environment	<ul style="list-style-type: none"> • Operating system independent • Supports all SCSI devices including hard disk drives, tape drives, RAID controller, DVD, MO and CD libraries
Local and Network Management	<ul style="list-style-type: none"> • ExpressNAV™ integrated management console for remote configuration, management and diagnostic capabilities • Command line management access via Ethernet and RS232 • Local diagnostics supported through SNMP, Telnet, and FTP • Includes support for DHCP, ICMP, and RMON • Built in memory has ECC detection and correction • User accessible reset switch • Built-in watchdog timer • Automatically detects and maps all connected devices at power on
Agency Approvals	
Safety and Environmental	<ul style="list-style-type: none"> • RoHS Compliant
Environmental & Physical Specifications	
Configuration	<ul style="list-style-type: none"> • Embedded Board
Dimensions	<ul style="list-style-type: none"> • Embedded Board: 4.4" W x 6.4" L
Operating Environment	<ul style="list-style-type: none"> • Temperature: 5-40° C • Humidity: 10-90% non-condensing
Power	<ul style="list-style-type: none"> • Standard 4 pin power connector, 12V, 1.5A • Nominal power consumption: 1A @ 12V
Weight	<ul style="list-style-type: none"> • 1.5 lbs
Ordering Information	
Model Number	<ul style="list-style-type: none"> • IPBR-1550-ER0

