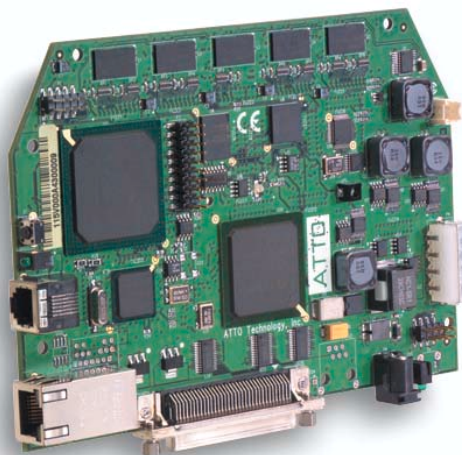


ATTO iPBridge™ 1550E



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

Take advantage of today's revolution in storage connectivity. Embed a value-add platform in your products for easy connectivity to an Ethernet network.

The ATTO iPBridge™ 1550E iSCSI-to-SCSI bridge is a cost-effective way of expanding your existing storage capacity without sacrificing performance. By using the iSCSI (Internet SCSI) protocol for iP-based SANs your SCSI storage can be integrated into your existing IP network as if they were direct-attached devices.

The ATTO iPBridge™ 1550E is ideally suited to the Small and Medium-sized Enterprise (SME) or for Corporate IT Departments seeking to expand storage requirements with minimal disruption while making existing SCSI equipment accessible to all your network users over an Ethernet network.

TECHNICAL HIGHLIGHTS

- One independent Gigabit Ethernet port to one independent Ultra160 SCSI port
- Compatible with all leading iSCSI initiators
- Gigabit Ethernet connectivity auto negotiates to 10/100 Ethernet
- Designed to the IETF Industry Standard iSCSI Protocol v1.0
- 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 & CD libraries

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ATTO

ATTO Technology, Inc.
attotech.com

155 CrossPoint Parkway • Amherst, NY 14068 • 716 • 691 • 1999

ATTO iPBridge™ 1550E

Gigabit Ethernet and SCSI

GbE Interface:

- 10/100/1000 GbE RJ45 Ethernet port
- Supports IP v.4
- Supports iSCSI Protocol 1.0
- Compliance with IEEE 802.3ab GbE
- Compliance with IEEE 802.3x Flow Control
- SNMP MIB 2 support
- Supports 9K Jumbo Ethernet frame

SCSI Interface:

- Single 68-pin SCSI connector
- Ultra160 LVD SCSI – 160 MB/sec. maximum throughput
- Backward compatible with all single-ended SCSI devices
- Supports SCSI-3 specifications

Management

Operating Environment:

- Operating system independent
- Supports all SCSI devices including hard disk drives, tape drives, RAID controllers, DVD, MO and CD libraries
- Multiple interface orientations available - Ethernet and RS232 ports can be located on either the long edge or short edge of the board (see Figure 2 and 3)
- SCSI connector can be a right angle or vertical

Local and Network Management:

- 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

Environmental and Physical Characteristics

Configuration:

- Embedded Board

Dimensions:

- Embedded Board:
4.4" W X 6.4" L

Operating Environment:

- Operating Temperature: 5-40° Celsius

Humidity: 10-90% non condensing

Power: Standard 4 pin power connector, 12V, 1.5A
Nominal power consumption: 1A @ 12V

Weight: 1.5 lbs

Figure 1 – iPBridge 1550E Board Detail

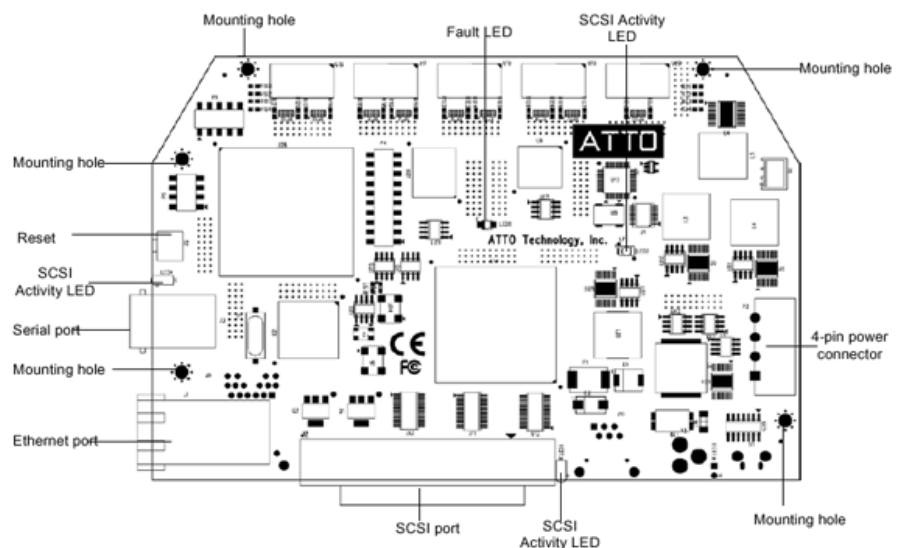


Figure 2 – iPBridge 1550E Standard Embedded Configuration

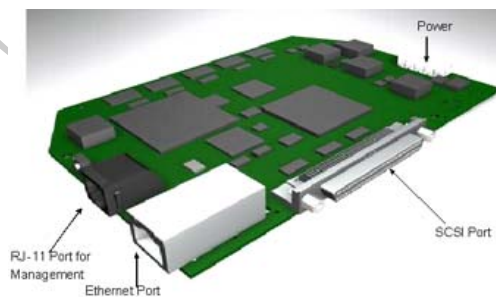


Figure 3 – iPBridge 1550E Optional Desktop Configuration

