



EFC102200 10Gb iSCSI to 8Gb Fibre Channel Bridge

A high performance, cost effective iSCSI to
Fibre Channel bridge

Product Features:

- 2 x 10Gb Ethernet Ports¹
- 2 x 8Gb Fibre Channel Ports
- Up to 16,000 Initiators
- Non-Blocking Cache
- Error Recovery Level 2
- iSNS
- Jumbo Packet Support
- Multipath I/O
- GUI Interface
- 3 year advanced replacement warranty.
- On-site service option available in North America, Australia* and Europe

* Major Cities only

¹ 2 x 10Gb 10000BaseT RJ45 connections. 2 x short range optical connections available on special order

EFC102200 iSCSI to Fibre Channel Bridge

The EFC102200 10Gb iSCSI to Fibre Channel Bridge is a high performance protocol bridge for connecting iSCSI based Servers to Fibre Channel enabled peripherals such as Disks, Tape Drives, Tape Libraries and Optical devices.

The EFC102200 is housed in an industry standard 1U 19" rack mount enclosure with integral power supplies and cooling. Connectivity to the IP Network is via 2 auto-sensing 10Gb Ethernet ports that can detect the network connection speed, whilst the Fibre Channel Network is connected via 2 8Gb auto-sensing ports.

Managing and installing the EFC102200 could not be easier with its inbuilt intuitive GUI that is easy to use and provides the user with on screen help where necessary.

Key Advantages

Total Flexibility The need to have separate peripherals for both iSCSI and Fibre Channels SANs no longer applies when deploying the EFC102200. With the EFC102200; any Fibre Channel device can be accessed from the iSCSI SAN appearing as though it was part of the iSCSI SAN.

Performance The EFC102200 has many unique features to maximise performance and ensure your data is transferred to the peripheral devices in the shortest possible time. With its load balancing MPIO* enabled Ethernet ports and two 8Gb Fibre Channel ports in combination with its unique non-blocking data cache module the EFC102200 provides industry leading performance.

Recoverability Ensuring that your data reaches its final destination is important these days with tight backup windows. With Error Recovery Level 2 support, the EFC102200 can continue to receive data even if one of the Ethernet connections is disconnected.

Return on Investment Maximising the return on any investment has always been critical. By using the EFC102200 to connect existing Fibre Channel devices to the iSCSI Network not only maximises your investment but also adds a new level of functionality and flexibility.

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Specifications

Ethernet Ports	
Connection	2 x 10Gbe RJ45 or short-range optical
Speed	Auto-sensing 1000/10000Mb/s
Error Recovery	ERL0, ERL1, ERL2
Maximum Packet Size	9K jumbo frame
Maximum Initiators	16,000
Standards	IPv4, iSCSI, iSNS, CHAP, DHCP
Fibre Channel ports	
Connection	2x 8Gb SFP NL_port, FL_port, F_port, N-port
Speed	Auto-sensing 2/4/8Gb/s
Maximum Block Size	1MB
Standards	FC-PI-4, FC-FS-2, FC-FS-2/AM1, FC-LS, FC-AL-2, FC-GS-6, FC-FLA, FC-PLDA, FC-TAPE, FC-DA, FCP through FCP-4, SBC-3, FC-SP
Indicators	
Visual Indicators	Power, Network Activity, Link Present, Network Speed, Fibre Channel Activity
Physical	
Enclosure Form Factor	19 " 1U Rack Mount
Dimensions	L 730 mm, W 434.1mm, H 42.9 mm
Operational Temperature	10 to 35°C
Non-Operational Temperature	-20° to 60°C
Power Consumption	90-264VAC 47-63Hz 350-Watts (approx)

Available from: