

Oresund series

Datasheet: EFC102200 10Gb iSCSI to Fibre Channel Gateway

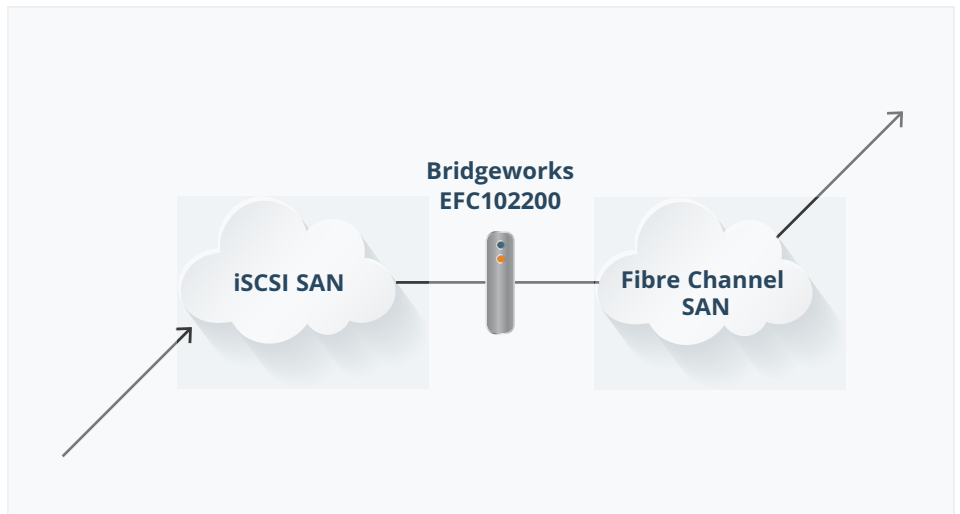
Overview

The EFC102200 10Gb iSCSI to Fibre Channel Gateway 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 autosensing 10Gb Ethernet ports that can detect the network connection speed, whilst the Fibre Channel Network is connected via 2 8Gb autosensing 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.

Product Features

- 2 × 10Gb Ethernet Ports
- 2 × 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



Key Advantages

Total Flexibility The need to have separate peripherals for both iSCSI and Fibre Channel 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.

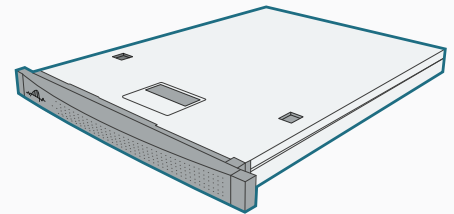
Performance The EFC102200 has many unique features to maximise performance and ensure your data is transferred to the peripheral devices in the shortest possible time. With its load balancing MPIO* enabled Ethernet ports and two 8Gb Fibre Channel ports in combination with its unique non-blocking data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

Ethernet Ports

Connection	2 × 10Gbe RJ45
Speed	Auto-sensing 1000/10000Mb/s
Error Recovery	ERL0, ERL1, ERL2
Maximum Packet Size	16Kb
Maximum Initiators	16,000
Standards	IPv4, iSCSI, iSNS, CHAP, DHCP

Fibre Channel Ports

Connectivity	2 × 8Gb SFP NL_port, FL_port, N-port
Speed	Auto-sensing 2/4/8Gb/s
Maximum Block Size	1Mbyte
Maximum Initiators	16,000
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

Visual Indicators

LED indicators for	Power Network Activity and Speed Link Present SCSI Activity Fibre Channel Link and Activity
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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°
Humidity	10-18% Non-condensing
Voltage Range	90-264VAC 47-63Hz
Power Consumption	350-Watts approx

*Bridgeworks reserves the right to change the specifications without notice