


Neo Series™

OVERLAND STORAGE NATIVE FIBRE CHANNEL ATTACHMENT FOR NEO SERIES LIBRARIES

The Seamless Solution for Adding Neo Series™ Libraries to Your Storage Area Network (SAN) Environment



Ready and waiting for your most demanding server-free backup applications, Overland's Fibre Channel Option (FCO) allows you to keep up to nine Extended (third party) Copy operations running concurrently. This solution makes simple, massive data movement across the SAN a reality.

The auto topology-sensing Fibre Channel Option (FCO) card supports Fabric Switch, Arbitrated Loop (Private/Public), and Point-to-Point. Fibre Channel media matching is made simple through the use of industry standard Small Form-Factor Pluggable transceiver modules known as "SFPs." Optional SFPs (Short Wave and Long Wave) provide data rates of 1 and 2 Gbit/sec.

SEAMLESS INTEGRATION

The FCO card can be easily installed into one of the Virtual Interface Architecture (V.I.A.) bays built into all Overland Neo Series™ providing a simple and quick way to attach or share your Neo series library. The cPCI-based architecture provides a new level of integration, simplification and scalability when using FCO cards to simplify your SAN attachment. The host Neo Series library supplies power and cooling for the FCO by means of the V.I.A. card bay.

FULL FIBRE CHANNEL PERFORMANCE

With up to 160 MB/sec sustained transfer rate, the FCO card meets the performance demands of both 1 Gbit/sec SAN applications and 2 Gbit/sec needs. The FCO's electronics are switchable between 1 and 2 Gbit/sec. Dual independent back-end LVD auto-throttling SCSI buses capable of running from 20 to 160 MB/second data rates ensures capacity and compatibility for current and future tape technology.

REMOTE MANAGEMENT MADE SIMPLE

Remote management for the FCO can be achieved in-band over the Fibre Channel or out-of-band over the 10/100 BaseT Ethernet port. The FCO supports the Fibre Alliance V2.2 MIB standard. The Ethernet port may also be used to send SNMP trap information to the monitoring host system regarding status on power, temperature and Fibre Channel link status. An RS232 port is also provided for local management.

COMPATIBILITY TO KEEP YOU CONNECTED

Supports all major operating systems including HP-UX, IBM AIX, Linux, Mac OS, Novell NetWare, SCO UNIX, Sun Solaris, Tru64 UNIX, Windows NT/2000 as well as all major backup software applications. The list of software and operating systems supported can be found at www.overlandstorage.com/compatibilityguide.

SERVICE YOU CAN COUNT ON

If the card is registered upon purchase as an installed feature within an Overland library, the card assumes the basic warranty entitlement of that library. If the card is purchased but not registered to an eligible library, the card is eligible for a six (6) month return-to-factory warranty from date of purchase. Optional service entitlements to match the host library beyond the basic warranty are available. Please contact your authorized Overland Storage dealer for details.

ABOUT OVERLAND STORAGE

- Over 20 years of experience in data protection and tape storage solutions.
- Engineering excellence with award-winning library robotics design.
- Overland meets the needs of IT professionals in industries worldwide.

Specifications

FIBRE CHANNEL PORT

Auto detects, dynamically, Fabric Switch, Arbitrated Loop (Private/Public), and Point-to-Point.
1 and 2 Gbit/sec (default is 1 Gbit/sec)
Small Form Factor Pluggable transceiver socket, SFP support for Short Wave or Long Wave

SCSI BUS PORTS

Two Wide Ultra2 LVD SCSI buses auto-throttling backward compatible to asynchronous data rates, auto terminating VHDCI 68-pin connectors

RS 232 PORT

RJ 11 serial port for conducting on-board diagnostics as well as viewing Event Logs. Both are available using either an external computer or a VT-100 compatible terminal.

ETHERNET PORT

RJ 45 10/100 BaseT, SNMP traps for power, temperature, Fibre Channel link up/down

PHYSICAL DIMENSIONS

H x W x D

6.9 x 8 x 6.29 inches (15.3 x 23 x 16 cm)

Weight

1.5 lb (0.33 kg)

POWER REQUIREMENTS

DC power 5 volts

20 watts typical, 25 watts maximum

AGENCY APPROVALS

Agencies

Complies with FDA 21 CFR 1040.11
CSA Mark with an NRTL/C indicator
FCC rules, Part 15, Class B
EMC Directive 89/336/EEC (CE Marking)
EN55022 Class A
EN61000-4-2 ENV50140
Australian EMC Framework C-Tick Mark
AS/NZS 3548:1994 Class A
VCCI Class 1
Taiwan, CNS 13438 Class

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