

NX-FCA2684 Single & Dual Fibre Channel Host Bust Adapters

The Nemonix 4 Gb/sec FC HBA is the fastest FC card for PCI-X based Alpha servers.

Adapter

Fibre channel host bus adapter for PCI-X 2.0 hardware platforms

Burst Data Transfer Rate

266 MHz PCI-X Mode 2
133 MHz PCI-X Mode 1
66 MHz PCI

Auto-negotiated Links

4 Gb, 2 Gb, or 1 Gb

OS Compatibility

VSI OpenVMS Alpha 8.4-2L2
back to OpenVMS 7.2

Qualified Alphas

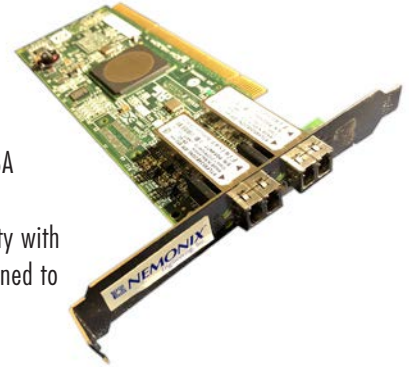
DS25, ES45, ES47, ES80

Warranty

1 year warranty
Return to factory, parts and labor

Overview

The Nemonix NX-FCA2684 ships in single port (NX-FCA2684-1C) and dual port (NX-FCA2684-2C) configurations. Both cards operate at 4 Gb/sec. The HBA is based on the Emulex® LP11000 and LP1100, with custom firmware developed by Nemonix for compatibility with the OpenVMS operating system. The adapters are designed to use a common code stream which enables use of the standard OpenVMS driver and machine console code.



Designed for use with DEC/Compaq Alpha Servers

NX-FCA2684 HBAs are qualified for use with: ALPHA DS25, ES45, ES47, and ES80 servers.

Key Features

- Multi-functional PCI-X device with one or two fully independent FC ports
- Auto-negotiates between 4, 2, and 1 Gbit links
- Supports PCI-X 2.0a and PCI 3.0 specifications for 3.3-V add-in cards
- Fast FC HBA with PCI-X 2.0 to FC controller running on two on-board processors
- Supports all FC topologies: point-to-point, arbitrated loop, and fabric
- End-to-end data path-parity & cyclical redundancy check protection, w/ internal data path RAM
- Supports FC service class 2 and 3
- Achieves max FC throughput via full duplex hardware support
- Capable of sustaining 100,000 I/Os per second per channel
- Full fabric support with automatic topology and speed adaptation
- Built-in context management per port for max 510 FC port logins & 1023 concurrent exchanges
- Supports FC tape device
- ROHS compliance

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This device may be self-installed, installed with Nemonix Engineering phone support, or installed by your service provider with Nemonix phone support. Nemonix offers 9-5 phone installation and warranty support during the warranty period.