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TECHNOLOGY GROUP

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Find the *Curtiss-Wright FX400* at our website: *Click HERE*



SALES SUPPORT PRINT

FX400 Fibre Channel PMC Card

The FX400 Dual-Channel (DC) Fibre Channel PMC cards are high-performance host bus adapters (HBA) ideally suited for demanding high-bandwidth data communications and storage applications. FX400 is ideal for **rugged, conduction cooled and military fibre channel applications**. The FX400 series of products provide support for SCSI Fibre Channel Protocol (FCP) and Internet Protocol (IP), eliminating the need to deal directly with the FC interface. In addition, the FX400 DC cards feature two separate high-performance RISC I/O engines to minimize host CPU overhead. The superior communication and interconnect capabilities of the FC standard are maximized by our FX400 DC cards.

The FX400 DC cards incorporate the functionality of two independent FC 4.25 Gbps channels on a single HBA. This compact design minimizes the number of required host computer slots, while providing the performance of two separate HBAs. As a result, an efficient Fibre Channel (FC) system is established using only a minimal number of Single Board Computers (SBC) or PMC slots.

Each channel on the FX400 DC card is capable of sustaining a 400 MBps transfer rate, and up to 800 MBps transfer rate in full duplex, thus achieving 1600 MBps in combined throughput. In addition, both channels on the FX400 DC card support **1.0625 Gbps, 2.125 Gbps, and 4.25 Gbps rates**, automatically detecting and switching to the appropriate rate using Auto-Speed Negotiation. This feature enables the FX400 cards to interoperate with existing FC devices at 1.0625 Gbps and 2.125 Gbps, and provides seamless transition to higher performance 4.25 Gbps devices.

Features

- PCI-to-FC ASIC with two independent FC functions
- Dedicated RISC Engine for each FC function
- Provides the performance of two HBAs on a single HBA form factor
- Requires only one system slot
- Two independent **4.25 Gbps** channels (up to 800 MBps per channel, full duplex)
- Detects **1.0625, 2.125, and 4.25 Gbps** using Auto-Speed Negotiation
- FC physical media interface is SFP transceivers
- Status LEDs indicate current condition of each channel
- PMC form factor
- Provides mechanical interface to stiffener rib, located on PMC-compliant carriers, to ensure robust mechanical performance
- **Available for standard commercial, military, rugged and conduction cooled fibre channel applications.**

Documents

- FX400 fact sheet

Other Links

- Ruggedization Levels
- Product Group Index

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

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