

REAL-WORLD SOLUTIONS

Is your customer looking for:

World Record Transaction Processing Power

Maximum Bandwidth Performance

Interoperability—widely tested and approved

Robust Features—large data buffer, large context info cache, CPU offload

Ease of SAN Management—firmware—upgradeable, driver compatibility, high availability

PCI Express

PCI-X

PCI

SBUS

cPCI

www.emulex.com

EMC Qualified

Fibre Channel Host Bus Adapters

HIGHLIGHTS

High performance PCI Express, PCI-X and PCI HBAs—supported in all environments including clustering, tape and database applications.

Mid-range and high-end HBAs—for superior price-performance mix with unmatched features.

SME Market—support for CLARiON AX100

Firmware-based architecture—FC Protocol and Standards are implemented in firmware, enabling new features and support to be added with a simple update.

Largest on-board memory—Provides unsurpassed performance, flexibility, and scalability in complex SANs.

Driver compatibility across all HBA generations—Simplifies management by allowing a single driver image to be deployed throughout a SAN.

Highest availability among FC HBAs—Best reliability and availability (IDC).

White papers, benchmarks, and product information online at: www.emulex.com/products/white/index.html

KEY EMULEX ADVANTAGES

Backward compatible drivers simplify SAN management

Driver independent firmware upgrades allow installed HBAs to be updated, without reboots, protect investment by preventing technical obsolescence.

No system reboot required for most upgrades and configuration changes, enabling the highest levels of availability for mission critical systems.

EMC qualified with Navisphere, ECC and PowerPath for management and high availability.

Automatic utility-based setup simplifies installation and ensures robustness.















Emulex HBAs—Chosen for industry-leading performance in world-class benchmarks, in both high transaction processing and data streaming backup and recovery applications. See CA's BrightStor, Microsoft SQL Server 2000, EMC EDC and IDC PAAG. (www.emulex.com/products/white/fc/hotbuttons.html)

Qualified by:



EMC Qualified

Fibre Channel HBAs

EMC Model #	System Bus	Operating System	Qualifications	Additional Features
 LP101-E	PCI-X 1.0a PCI 2.3	Windows Server 2003 Windows 2000 Linux 	CLARiiON AX100	SMB market Wizard-driven interface
 LP10000ExDC-E	PCI Express	Windows Server 2003 Windows 2000 Linux 	CLARiiON CX500/700 CX400/600 CX300/CX200 FC4700 Symmetrix DMX Series DMX-2 Series 8000 Series	Dual-Channel Wizard-driven interface
 LP1050Ex-E	PCI Express	Windows Server 2003 Windows 2000 Linux 	CLARiiON CX500/700 CX400/600 CX300/CX200 FC4700 Symmetrix DMX Series DMX-2 Series 8000 Series	Wizard-driven interface
 LP10000-E	PCI-X 1.0a PCI 2.2	Windows Server 2003 Windows 2000 Windows NT Linux Solaris 	CLARiiON CX500/700 CX400/600 CX300/CX200 FC4700 Symmetrix DMX Series DMX-2 Series 8000 Series	LUN Masking LUN Mapping Persistent Binding I/O Coalescing
 LP10000DC-E	PCI-X 1.0a PCI 2.3	Windows Server 2003 Windows 2000 Windows NT Linux Solaris 	CLARiiON CX500/700 CX400/600 CX300/CX200 FC4700 Symmetrix DMX Series DMX-2 Series 8000 Series	Dual-Channel Low-profile LUN Masking LUN Mapping Persistent Binding I/O Coalescing
 LP1050DC-E	PCI-X 1.0a PCI 2.3	Windows Server 2003 Windows 2000 Linux 	CLARiiON CX500/700 CX400/600 CX300/CX200 FC4700 Symmetrix DMX Series DMX-2 Series 8000 Series	Dual-Channel Market-Leading 1K+ Context Cache Buffer Credit (16) Low-profile Coalescing Hardware Inde- pendent Drivers
 LP1050-E	PCI-X 1.0a PCI 2.3	Windows Server 2003 Windows 2000 Linux 	CLARiiON CX500/700 CX400/600 CX300/CX200 FC4700 Symmetrix DMX Series DMX-2 Series 8000 Series	Market-Leading 1K+ Context Cache Buffer Credit (16) Low-profile Firmware- upgradeable

Why Emulex!

- Leading supplier of Fibre Channel HBAs to EMC and the Industry
- Driver independent firmware upgrades
 - protect hardware investment
 - avoid technical obsolescence
 - upgrade without reboots
 - minimize system downtime for maintenance and upgrades
- Driver compatibility across all HBA generations
- EMC Interoperability Support Matrix qualified for all environments
 - approved for Server and Cluster applications
- EMC qualified with Navisphere, ECC and Power-Path for management and high availability

Emulex Advantages

- Strong Partnerships
 - Brocade Strategic Alliance partner and Fabric Aware partner
 - McData OpenReady partner
 - Exclusive FC HBA in MSA (Microsoft System Architecture)
 - EMC & Dell joint buildouts of EDC* & IDC* MSAs (called PAG*)
 - Intel validation on 32 and 64 bit systems

* EDC: Enterprise Data Center
* IDC: Internet Data Center
* PAG: Prescriptive Architecture Guide

This document refers to various companies and products by their trade names. In most, if not all cases, their respective companies claim these designations as trademarks or registered trademarks. This information is provided for reference only. Although this information is believed to be accurate and reliable at the time of publication, Emulex assumes no responsibility for errors or omissions. Emulex reserves the right to make changes or corrections without notice.

Qualified by:



05-349 04/05

www.emulex.com

Additional models available, but not shown above: LP9802-E, LP9802DC-E, LP982-E, LP9002L-E, LP9002S-E, LP9002C-E, LP9002-E, LP9002DC-E, LP8000-EMC • Refer to <http://www.emulex.com/partners/interop.html> for current status on all models