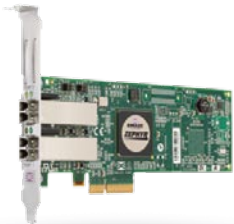


Generations Ahead

Unparalleled manageability, reliability, performance and ease of deployment

4Gb/s and 2Gb/s

Fibre Channel HBAs
PCI Express, Mezzanine and PCI-X



PCI Express



Mezzanine Card



PCI-X

Streamlined installation and management, unrivaled scalability and industry-leading virtualization support make the Emulex LightPulse host bus adapter (HBA) product line ideal for small-to-large enterprises and mixed-OS storage area network (SAN) environments. With powerful management tools and broad platform support, the LightPulse family of HBAs delivers maximum performance in the broadest range of applications and environments. HBAs are EMC Qualified with Navisphere, error correcting code (ECC) and PowerPath for management and high availability.

Proven design, architecture and interface

LightPulse HBAs' highly integrated design minimizes onboard components, while advanced error-checking methods assure robust data integrity. The unique Service Level Interface (SLI™) allows use of a common driver across all models of Emulex HBAs. Installation and management applications are designed to minimize reboots and further simplify deployment.

KEY BENEFITS

- ⦿ Superior quality and reliability ensure data availability
- ⦿ Highly efficient installation accelerates deployment and reduces administration costs
- ⦿ Maximum SAN performance increases scalability and user satisfaction
- ⦿ Robust interoperability simplifies deployment and upgrades of SAN hardware and software
- ⦿ LightPulse Virtual HBA technology provides efficient host utilization and compliance with SAN management best practices






KEY FEATURES

- ⦿ Exceptional performance and full-duplex data throughput
- ⦿ Comprehensive virtualization capabilities with support for N-Port ID Virtualization (NPIV)
- ⦿ Simplified installation and configuration using common HBA drivers and AutoPilot Installer®
- ⦿ Efficient administration via HBAnyware® for HBAs on local and remote SANs
- ⦿ Common driver model eases management and enables upgrades independent of HBA firmware

DELL Fibre Channel HBAs

4Gb/s and 2Gb/s

Fibre Channel HBAs
PCI Express, Mezzanine and PCI-X

DELL/EMC Model #	System Bus	Operating System Support		Qualifications	Additional Features
 LPe1150-E	4Gb/s FC to PCI Express 1.0a	Windows Linux	VMware	DELL PowerEdge	Single-channel Low-profile NPIV
 LPe11002-E					Solaris
 LP1050Ex-E	2Gb/s FC to PCI Express 1.0a			FC 4700, FC 4500	Single-channel Low-profile
 LP10000-E	2Gb/s FC to PCI-X 1.0a			CX3-10, CX3-20, CX3-40, CX3-80 AX150	
 LPe1105-M	4Gb/s FC to PCI Express 1.0a			PowerEdge 1855/1955	Dual-channel Mezzanine Card NPIV

Additional models available through DELL S&P: LP9802-E, LP9802DC-E, LP982-E, LP9002L-E, LP9002S-E, LPe111-E, LP101-E.

For additional compatibility information, please refer to <http://www.emulex.com/interop/index.jsp>

ADDITIONAL FEATURES

Emulex LightPulse technology features Frame-level Multiplexing and out-of-order frame reassembly for maximum link utilization. End-to-end data protection with hardware parity, cyclic redundancy check (CRC), ECC and other advanced error checking ensure that data is safe from corruption.

Beaconing support enables detection and identification to improve manageability. Detailed real-time event logging and tracing enables quick diagnosis of SAN problems. Universal Boot capability allows the appropriate boot environment to be automatically selected for any given OS.

SOFTWARE FEATURES

Emulex's feature-rich software simplifies and speeds deployment and device management, while reducing administration costs and protecting your IT investment.

HBAAnyware enables centralized discovery, monitoring, reporting and management of both local and remote HBAs from a secure remote client. HBAAnyware provides in-depth management capabilities including remote firmware and boot code upgrades, beaconing, statistics and advanced diagnostics.

An extensive command line interface (CLI) is available for scripting. AutoPilot Installer simplifies the installation and configuration of drivers and management applications for multiple HBAs on Windows servers. A single installation of drivers and applications eliminates multiple reboots and ensures that each component is installed correctly and the HBA is ready to use.

Emulex's management instrumentation is based on Open Management Standards. SMI-S and common HBA API support enable seamless upward integration into enterprise storage and server management solutions.

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