



Emulex LightPulse® Host Bus Adapter (HBA)

Products that intelligently connect storage, servers and networks.

Overview

Emulex® creates enterprise-class products that intelligently connect storage, servers and networks. Each and every Emulex LightPulse® Host Bus Adapter (HBA) leverages eight generations of advanced, field-proven technologies to deliver a distinctive set of benefits that are relied upon by the world's largest enterprises. From the unique firmware upgradeable architecture, to the common driver model, Emulex HBAs are simply "Generations Ahead" of competing solutions.

Enterprise Scalability

- » Emulex HBAs are perfect for large-scale Fibre Channel deployments due to their common driver architecture and unique features such as "software first", replicated installation and batch mode operations for firmware and driver parameter updates
- » Emulex's scalable multi-channel throughput allows users to scale up for performance-intensive applications

Superior Quality and Reliability

- » Emulex HBAs deliver industry-leading reliability levels by utilizing a field-proven, single-chip design
- » Emulex HBAs use a combination of parity, CRC, ECC, and other advanced error checking methods to verify the integrity of data blocks as they are passed from the host interface through the HBA
- » A robust portfolio of advanced diagnostics, help customers and partners quickly assess and resolve problems in the field

Enabling the Virtualized Data Center

- » Emulex was first to market with its virtual HBA technology based on industry-standard N-Port ID Virtualization (NPIV). Emulex LightPulse Virtual HBA technology provides virtual machines with independent access to the SAN through shared HBA resources, enabling customers to leverage critical SAN management tools and best practices within virtualized server environments
- » Emulex is extending support for industry-standard Virtual Fabric within its LightPulse Virtual HBA technology, to enable simultaneous native access to multiple virtual fabrics



Maximum SAN Performance

- » Emulex HBAs deliver maximum performance levels in business-critical application environments, with superior full-duplex data throughput and efficient host CPU utilization
- » Emulex's exclusive Frame-level Multiplexing ensures consistently superior performance in mixed load environments such as simultaneous disk and tape back-up applications

The Broadest Enterprise Deployment

- » More than 90 of the Fortune 100 companies rely on Emulex HBAs for mission critical SAN connectivity
- » Long-standing partnerships with leading software and hardware vendors ensures unparalleled compatibility and interoperability

For more information about Emulex Emulex LightPulse® Host Bus Adapter (HBA)s, please contact your sales representative.

SMP

SMP, Inc.
75 Goodway Drive
Rochester, NY 14623
585.475.0670