

EMC—EMULEX

An EMC Select Partner Overview

ESSENTIALS

Partner products

- OneConnect Universal Converged Network Adapters
- LightPulse 4, 8, 16 Gb/s Fibre Channel HBA

EMC products

- EMC VNX family
- EMC Connectrix
- EMC Symmetrix family

Solution highlights

- OneConnect UCNA
 - Next-generation 10 Gb/s iSCSI and FCoE adapters
 - Fast 10 Gb/s Ethernet performance
 - EMC E-Lab tested for SAN interoperability
- LightPulse HBA
 - Maximizes SAN performance
 - Enables the virtualized data center
 - Scales up for performance-intensive applications

Emulex provides storage connectivity solutions that enable customers to benefit from improved performance and investment protection by extending the life of their current data center infrastructures. EMC leads the industry in deploying Fibre Channel and iSCSI-based SAN solutions, and all Emulex adapters are EMC® E-Lab™ tested, guaranteeing interoperability in storage area network (SAN) environments using EMC networked storage systems. Using this joint solution enables customers to work toward achieving network consolidation in the data center, while protecting existing technology investments.

EMULEX HIGH-PERFORMANCE ADAPTERS

Emulex provides high-performance adapters for EMC customers. These proven adapters have been tested, qualified, and approved for sales and support with EMC solutions, and ensure interoperability with applications such as VMware®, EMC ControlCenter®, and EMC PowerPath®. EMC and Emulex provide customers with complete, end-to-end storage solutions.

ONECONNECT UNIVERSALE CONVERGED NETWORK ADAPTER (UCNA)

The Emulex OneConnect™ UCNA product family has a single-chip, high-performance 10 Gb/s Ethernet architecture. It provides server connectivity for network and storage traffic with multi-function server adapters that are qualified by EMC for use in SANs and network-attached storage (NAS) across the EMC VNX™ family and existing EMC Connectrix®, and EMC Symmetrix® networked storage systems. OneConnect UCNAs support FCoE, iSCSI, and TCP/IP while leveraging mature management tools and processes. By consolidating traffic, the OneConnect UCNA simplifies network management and significantly reduces total cost of ownership (TCO).

- Simplified, common infrastructure for networking and storage lowers total cost of ownership:
 - Save 30 percent on adapters and switches
 - Save 80 percent on cabling
 - Save 40 percent on power and cooling
- Supports 10 GbE networking with optimized iSCSI and FCoE storage connectivity
- Match OneConnect adapters work with current requirements and future-proof investments with the option to add protocol enablement
- Unified management with the OneCommand Manager application simplifies the use of Emulex HBAs and UCNAs across the entire data center, regardless of size or complexity
- Multiple protocol accelerators/offload engines enable OneConnect adapters to deliver maximum performance, regardless of the mix of protocol traffic
- CPU-efficient adapter maximizes return on investment (ROI)



EMULEX LIGHTPULSE FIBRE CHANNEL HOST BUS ADAPTER (HBA)

Emulex 4Gb/s, 8 Gb/s, and 16 Gb/s LightPulse® HBAs are installed in the server to provide Fibre Channel connectivity from the server to the SAN. They are available in single-, dual-, and quad-channel options and are tested and qualified by EMC. Emulex HBAs are supported with a wide range of operating system environments, including Microsoft® Windows®, Solaris, VMware, and Linux.

- Delivers powerful performance, advanced data integrity, and demonstrated reliability
- Only one HBA installation is required no matter how many adapters there are in the server
- Unique firmware-based architecture enables HBAs to be remotely installed and upgraded without downtime

ABOUT EMULEX

Emulex is a leading provider of converged networking solutions for the data center. Its connectivity continuum architecture provides intelligent networking services that transition today's infrastructure into tomorrow's unified network ecosystem. Emulex provides a single framework that intelligently connects every server, network, and storage device within the data center. Through strategic collaboration and integrated partner solutions, Emulex provides its customers with industry-leading business value, operational flexibility, and strategic advantage.

ABOUT EMC

EMC Corporation is the world's leading developer and provider of information infrastructure technology and solutions that enable organizations of all sizes to transform the way they compete and create value from their information.

CONTACT US

For more information on how EMC and Emulex products work together to optimize your business transactions, contact your EMC or Emulex representative or visit the websites at www.EMC.com or www.emulex.com.

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