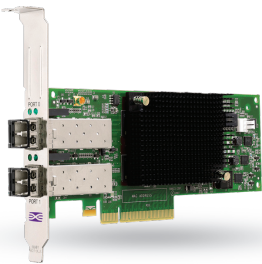




OneConnect™ High-performance 10Gbps iSCSI Converged Network Adapter (CNA)

**SIMPLIFIED
NETWORKING,
TRUSTED SAN
INTEROPERABILITY
AND INCREASED
BUSINESS
AGILITY**



The Emulex OCe10102-I-E is a single-chip, high-performance 10Gbps adapter that consolidates traffic for networking and iSCSI storage. A member of the Emulex OneConnect™ Universal Converged Network Adapter (UCNA) family, the OCe101 02-I-E iSCSI adapter supports a common 10 Gigabit Ethernet (10GbE) infrastructure for networking and storage, reducing capital expense (CapEx) for adapters, switches and cables, and operational expense (OpEx) for power, cooling and IT administration.

Perfect partnership

Emulex is a leading supplier of adapters for EMC customers. This adapter has been tested, qualified and approved for sales and support with leading EMC solutions such as the new EMC® VNX™ family (including the entry-level VNXe™) and existing Connectrix®, EMC CLARiiON®, EMC Celerra® and EMC Symmetrix® networked storage systems. This adapter being EMC Qualified, ensures interoperability with applications such as VMware, EMC Control Center and EMC PowerPath. This adapter is listed on EMC Support Matrix (ESM) and is part of the EMC Select portfolio of complementary third-party products. The Emulex partnership enables EMC to provide customers with complete, end-to-end storage solutions.

Optimized Network and Storage Connectivity

10 Gigabit Ethernet offload

10 Gigabit Ethernet (10GbE) will become the standard backbone for enterprise-class networks. New multi-core server platforms, server virtualization and high-demand applications, such as video on demand and voice over Internet protocol (VOIP) are all driving the need for low latency and high bandwidth. This iSCSI adapter delivers optimized 10GbE performance that meets these requirements with support for TCP/IP and TCP Chimney offloads.

iSCSI offload

This iSCSI adapter supports iSCSI offload, providing performance that is superior to iSCSI solutions based on software initiators and standard Network Interface Cards (NICs).

Boot from LAN/SAN

Preboot eXecutive Environment (PXE) and iSCSI boot support make this adapter an ideal solution for blade servers and other diskless deployments.

Key Features

One platform for network and storage connection

- 10Gbps Ethernet and iSCSI offload
- Simplifies I/O hardware choices for IT managers

Superior performance

- TCIP/IP stateless offloads
- Highest CPU efficiency with TCP Chimney Offload
- iSCSI offload performance exceeds software initiator solutions

Energy-efficient design

- Industry-leading performance per watt
- Complements data center “green” initiatives

Easy to deploy and manage with OneCommand™

- One management console for network and storage
- Integrated management of UCNAs and Host Bus Adapters (HBAs)
- Over 7 million ports administered with Emulex management software

Key Benefits

Maximum return on investment

- Converges network and storage I/O with high-performance 10GbE connectivity
- One network infrastructure reduces CapEx
- One management console reduces OpEx
- Leverages existing IT investments

Optimized for server virtualization with Emulex vEngine™ technology

- More virtual machines (VMs) per server with TCP/IP and iSCSI offloads

Enterprise-ready

- Hardware parity, CRC, ECC and other advanced error checking
- Backed by field-proven Emulex reliability and support



OneConnect™



OneCommand™



