

QLogic Converged Data Networks



Overview

Convergence of networking technologies is a long held requirement for IT managers. The benefits gained by having a single infrastructure for data and storage networking provide improved Total Cost of Ownership (TCO) through reduced hardware, cabling, power, cooling, and management costs.

The adoption of 10-Gigabit Ethernet into mainstream data centers now makes it possible for Ethernet to match the raw performance characteristics of Fibre Channel SANs. Further enhancements to the Ethernet standard, referred to as Enhanced Ethernet, are being implemented that allow Ethernet to also match Fibre Channel's high delivery reliability.

This improvement in Ethernet performance and reliability has led to the creation of a new standards-based storage networking technology known as Fibre Channel over Ethernet (FCoE).

FCoE and Enhanced Ethernet have led to the creation of a new type of adapter known as the Converged Network Adapter which is capable of supporting both data and storage networking traffic.

For more information about QLogic's Converged Data Networks, please contact your sales representative.

Converged Network Adapters



QLogic 8100 Series
10GbEE-to-PCIe 2.0, single chip ASIC, in low-profile form factor



QLogic 8000 Series
10GbEE-to-PCIe 2.0, in full-height form factor

SMP

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