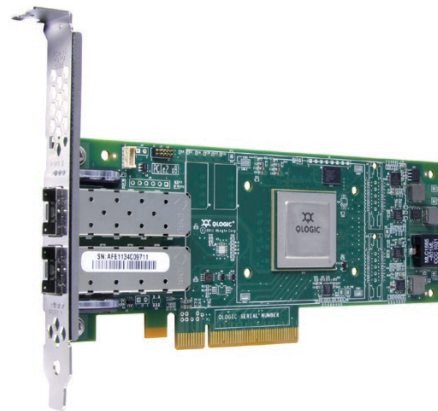


QLogic 16 Gb Fibre Channel HBAs

Unsurpassed performance, simplified management and superior reliability



Customers today are challenged to utilize their IT resources as fully as possible, requiring virtualization of server hardware. In the past, the bottleneck to virtualization has been I/O bandwidth, thereby hindering application performance.

The QLogic 16 Gb FC Host Bus Adapters boast industry-leading native FC performance—achieving dual-port, line-rate, 16 Gb FC throughput—at extremely low CPU usage, with full hardware offloads. This extreme performance eliminates potential I/O bottlenecks in today's powerful multiprocessor servers.

Superior application performance

With support for more than 1.2 million I/O transactions per second, these adapters deliver outstanding storage application performance in virtualized and nonvirtualized environments.

Optimized virtualization

These adapters support standards-based virtualization features such as N_port ID virtualization (NPIV).

Investment protection

The adapters are compatible with the same FC software driver stack that has been tested and validated across all major hardware platforms, all major hypervisors and Operating Systems, and has been battle-hardened in millions of previous installations.

Simplified management

QLogic's new unified management application, QConvergeConsole (QCC), provides single-pane-of-glass management for the company's broad product line of storage and networking adapters (FC, converged networking, NIC and iSCSI).



Specifications

Part number	00Y3337 (single port); 00Y3341 (dual port)
Performance	>500,000 IOPs per port
Performance features	<p>Full hardware offload for the FCi protocol</p> <ul style="list-style-type: none"> • Message-signaled interrupts (MSI-X) and legacy interrupts (INT-X) • N_Port ID Virtualization (NPIV) • Boot from SAN • Bandwidth: 16 Gb per second maximum at full-duplex per port • Device management for SAN • Connectivity to 16 Gb/8 Gb/4 Gb FC networks
Management suite	QConvergeConsole: a unified management tool (GUI and CLI) for FC/FCoE, iSCSI and networking
Supported servers and Operating Systems	<p>Visit the ServerProven® page for the latest supported servers and Operating Systems at:</p> <p>ibm.com/servers/eserver/serverproven/compat/us/</p>
Standards supported	<ul style="list-style-type: none"> • FC-TAPE • FCP-4 • s FC-GS-2 • FC-GS-3
Form factor	Low-profile PCIe including high- and low-profile
Dimensions	(6.6 inches × 2.54 inches)
Limited warranty	One-year limited warranty, or when installed in a System x® server these cards assume your system's base warranty

Why System x

System x® is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. System x also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

For more information

To learn more about the QLogic 16 GB FC HBAs, visit: ibm.com/systems/x/options/storage/hba/qlogic16gb/index.html or contact your Lenovo representative or Business Partner.

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