

# Adapter of Choice for Oracle Environments

## QLogic 2500 Series Fibre Channel Adapters Outperform Emulex



The QLogic 2500 Series Fibre Channel Adapter from Cavium provides more online transactions per second, as well as faster throughput and Oracle database restore performance, than Broadcom's Emulex LightPulse LPe12000 Fibre Channel Host Bus Adapter.

### QLOGIC 2500 SERIES ORACLE APPLICATION PERFORMANCE ADVANTAGES

#### Faster Online Transactions<sup>1</sup>

QLogic® 8Gb Fibre Channel Adapters from Cavium™ ensure data center applications meet and exceed SLAs by offering up to 106 percent more online transactions per second (at 8 outstanding I/Os) compared to Broadcom's Emulex® adapter.

#### Make Faster Business Decisions<sup>1</sup>

QLogic 8Gb Fibre Channel Adapters enable Enterprise Decision Support System (DSS) applications querying on an Oracle database to deliver up to 23 percent faster throughput across a range of workloads compared to the Emulex adapter. The result is faster business decisions.

#### Achieve Seamless Business Continuity<sup>1</sup>

QLogic 8Gb Fibre Channel Adapters provide the fastest Oracle database backup-restore performance in the industry. QLogic completes restores of Oracle® databases 51 percent faster than the Emulex adapter.

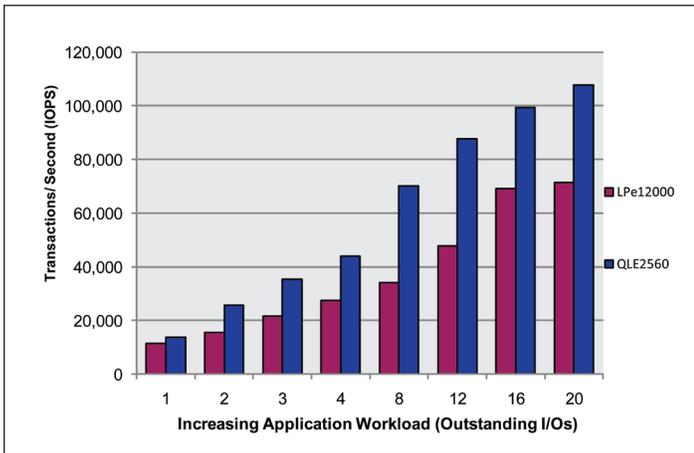
<sup>1</sup> In head-to-head benchmarks performed in Windows Server® 2008 R2 using the Oracle ORION database benchmarking tool.

### KEY BENEFITS

The QLogic 2500 Series Fibre Channel Adapter from Cavium provides more online transactions per second, as well as faster throughput and Oracle database restore performance, than Emulex® LightPulse LPe12000 Fibre Channel Host Bus Adapter from Broadcom Limited.

### INDUSTRY CHALLENGES

With the explosive growth in the number and complexity of Web 2.0, software-as-a-service (SaaS), cloud computing, and other enterprise applications, data center workloads have increased exponentially. The business opportunities created by the deployment of these new applications are substantial. At the heart of many high-value business applications is the Oracle database. High-performance Oracle database solutions need to be complemented with high performance and scalable I/O connectivity to storage in the database tier within enterprise data centers.



Online Transaction Processing Database Performance

**KEY DIFFERENCES**

The QLogic 2500 Series Fibre Channel Adapter is the superior choice for the enterprise data center for the following reasons:

- **Proven Leadership.** According to Dell’Oro Group, QLogic adapters lead the market with a double-digit lead over the nearest competitor. With more than 14 million ports deployed across multiple hardware platforms and operating systems, QLogic Fibre Channel Adapters have been field-tested in enterprise data centers.

- **Higher Application Performance.** QLogic adapters deliver faster OLTP response times, better reliability, and higher customer service metrics for DSS applications.
- **Power Optimized.** QLogic StarPower™ technology from Cavium allows the QLogic 2500 Series Fibre Channel Adapter to operate at 4.9W—a 79 percent power advantage over Broadcom’s Emulex adapter.
- **Warranty.** Cavium delivers the most reliable adapter backed by a three-year warranty.
- **Manageability.** Cavium’s QConvergeConsole® delivers a Web-based single-pane-of-glass management console for all generations of QLogic Fibre Channel Adapters.

**ABOUT CAVIUM**

Cavium, Inc. (NASDAQ: CAVM), offers a broad portfolio of infrastructure solutions for compute, security, storage, switching, connectivity and baseband processing. Cavium’s highly integrated multi-core SoC products deliver software compatible solutions across low to high performance points enabling secure and intelligent functionality in Enterprise, Data Center and Service Provider Equipment. Cavium processors and solutions are supported by an extensive ecosystem of operating systems, tools, application stacks, hardware reference designs and other products. Cavium is headquartered in San Jose, CA with design centers in California, Massachusetts, India, Israel, China and Taiwan.



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