



Highly Serviceable HBA

QEM2462 4Gb FC ExpressModule™

Industry Challenge

IT professionals expect servers in their datacenters to be reliable, providing them with maximum up-time. Add-in I/O cards often require that the server be powered down in order to open the chassis, an extremely difficult and time consuming task, especially for rack-mounted servers. Adding cards in a server that is not powered-off can potentially damage other server components creating an unnecessary hazard for IT administrators.



ExpressModule™ Solution

To increase server reliability and maximize server up-time, a new PCI Express form factor, the ExpressModule™ was developed. With an ExpressModule™, I/O cards can be added/removed without powering down the server or opening the server chassis. Another benefit of the ExpressModule™ is the protection that it offers to the I/O card itself. Critical elements on the circuit board are protected at all times.

How QLogic's QEM2462 Works

The QEM2462 is based on the new ExpressModule™ specification which integrates features that provide benefits to many datacenter and enterprise environments, including a standardized management interface offering an integrated hot-plug feature, and closed chassis, tool-less adapter installation and removal. QLogic is the first HBA vendor to produce a 4Gb FC ExpressModule™.

User Benefits

The QLogic 4Gb FC ExpressModule™ QEM2462 offers IT SAN administrators **superior scalability**:

- **Reduced downtime:** The hot swappable HBA enables network maintenance without interrupting server availability. Enclosed small factor protects the card from environmental and accidental damage.
- **Easy maintenance:** The standardized ExpressModule™ form factor makes I/O card maintenance a snap. No tools or power-down required, just remove and replace.
- **Improved performance:** Power, cooling and EMI handling are optimized.