

DATA SHEET

QLOGIC QLE2560 FIBRE CHANNEL HOST BUS ADAPTER

QLE2560 single port 8 Gbit PCI Express 2.0 Host Bus Adapter

Fibre channel Host Bus Adapter (HBA) enable data exchange over large distances. They also extend your existing server system to include communication interfaces so as to use high-speed communication technology.

The high-end interfaces allow a transfer rate of up to 8 Gb/s. All the connection options are hot-plug and redundant.

The combination of hardware and software illustrates the high-performance quality of communication.

The number of system restarts is reduced thanks to optimized software and extended error check functions provide support regarding the information process for your company.

QLE2560 FIBRE CHANNEL HOST BUS ADAPTER

The QLE2560 is a PCI Express, single port, Fibre Channel Host Bus Adapter. The HBA offers the next generation 8Gb Fibre Channel technology, meeting the business requirements of the enterprise data center.

A wide range of supported Operating Systems and certifications for storage devices ensure a broad set of application scenarios.

The HBA supplies unrivalled performance by leveraging a single ASIC design and combines a unique hardware architecture to deliver over 200,000 IOPS, a throughput of nearly 1.6 Gb/s, and support for PCI Express x8 bus speeds.



MAIN FEATURES	BENEFITS
<ul style="list-style-type: none"> ■ Fibre Channel single port 8Gb to PCI Express x8 	<ul style="list-style-type: none"> ■ Delivers enhanced security, Quality of Service (QoS), and enables dynamic provisioning. The HBA allows multiple logical (virtual) connections to share the same physical port. Each logical connection has its own resources and the ability to be managed independently. ■ The Fibre Channel HBA provides the highest data integrity by ensuring Overlapping Protection Domains (OPD) on both the control and data paths. He also utilizes Enhanced Hardware Assist Firmware Tracing (EHAFT), allowing more comprehensive debugging with standard drivers. ■ The Fibre Channel HBA takes advantage of StarPower technology, ensuring power efficiency. The StarPower technology offers dynamic and adaptive power management features such as power and bandwidth optimized intelligent PCI Express link training, low-power switching power supplies, and thermally efficient layout requiring lower airflows. ■ A single common driver per operating system for three generations of FC HBAs (8Gb, 4Gb, and 2Gb) simplifies deployment. The unified driver model (firmware embedded in the driver) eliminates potential interoperability issues between firmware and driver versions. The Adapter API compatibility with 4Gb products accelerates deployment while ensuring application compatibility. ■ The Fibre Channel HBA is backward compatible with 4Gb and 2Gb speeds. Servers with this HBA can be smoothly integrated in existing SANs with 4Gb and also 2Gb FC speed.
<ul style="list-style-type: none"> ■ Exceptional performance and data throughput of nearly 1600 MBps (full-duplex); delivers up to 200,000 IOPS 	
<ul style="list-style-type: none"> ■ StarPower™ technology 	
<ul style="list-style-type: none"> ■ Provides industry-standard application programming interfaces (APIs, FC HBAs) 	
<ul style="list-style-type: none"> ■ Newest technology for existing 4Gb and 2Gb ■ SANs 	

TECHNICAL DETAILS

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Controller type	Fibre Channel Host Bus Adapter
Controller Silicon	Qlogic ISP2532
Data transfer rate up to	8 Gb
Number of ports	1
Number of external ports	1
Connector type	LC-style
Bus interface	PCIe x8
Bus type	PCIe 2.0
Bus transfer rate	5GT/s
LEDs	3 LEDs indication for link speed
Standards	<ul style="list-style-type: none"> · ANSI Fibre Channel: FC-PI-4, FC-FS-2, FC-FS-2/AM1, FC-LS, FC-GS-6, FC-FLA, FC-PLDA, FC-TAPE, FC-DA, FCP through FCP-4, SBC-3, FC-SP, FC-HBA and SMI-S v1.1 · PCI Express base spec 2.0 · PCI Express card electromechanical spec 2.0 · Fibre Channel class 2 and 3 · PHP hot plug-hot swap
Technology	FC-AL, FC-AL2, point-to-point, switched fabric
Fibre Channel interface	MMF

ORDER CODE

HEIGHT OF BRACKET

S26361-F3631-E1	Full Height (FH)
S26361-F3631-E201	Low Profile (LP)
S26361-F3631-L1	Full Height (FH)
S26361-F3631-L201	Low Profile (LP)

ENVIRONMENTAL

Power consumption	5,5 W (typical)
Temperature (Operating)	0 - 55°C
Temperature (Not Operating)	-40 - 70°C

COMPLIANCE

Compliance notes	According to the corresponding system
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu QLE2560 Fibre Channel Host Bus Adapter, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

MORE INFORMATION

Learn more about Fujitsu QLE2560 Fibre Channel Host Bus Adapter, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
<http://ts.fujitsu.com/Primergy>

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2010-11-18 CE-EN