

# Data Sheet

## Emulex LPe1250 Fibre Channel card

LPe1250 single port 8 Gbit PCI Express 2.0 Host Bus Adapter

Fibre Channel Host Bus Adapters (HBA) enable data exchange over large distances and extend your existing FUJITSU server systems by including communication interfaces using high-speed communication technology. All connections are redundant and hot-pluggable.

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

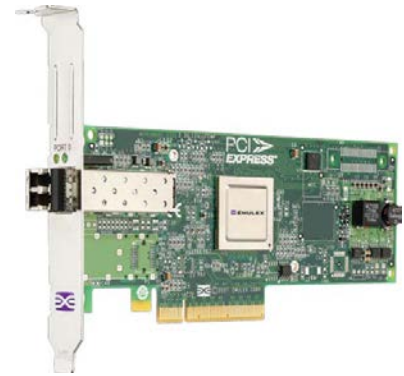
The number of system restarts is reduced thanks to optimized software and extended error check functions help improve the integrity of your company's information.

### LPe1250 Fibre Channel card

Streamlined installation and management, unrivaled scalability, and industry-leading virtualization support make the single-channel LPe1250 Fibre Channel host bus adapter (HBA) an ideal solution for mixed-OS SAN environments. With powerful management capabilities and broad platform support, it delivers maximum performance in the broadest range of applications and environments.

The Host Bus Adapter highly integrated processor design minimizes onboard components to improve host performance and efficiency. Advanced error-checking features ensure the integrity of block data as it traverses the SAN. Emulex's firmware-based architecture enables feature and performance upgrades without costly

hardware changes. The unique Service Level Interface (SLI™) allows use of a common driver across all models of HBAs on a given OS platform simplifying deployment and administration tasks. Installation and management facilities are designed to minimize server reboots and further simplify deployment.



Main Features	Benefits
<ul style="list-style-type: none"> <li>Support for Message Signaled Interrupts eXtended (MSI-X), improves host utilization and enhances application performance</li> <li>Support for 8Gb/s, 4Gb/s &amp; 2Gb/s Fibre Channel devices</li> <li>Comprehensive virtualization capabilities with support for N_Port ID Virtualization (NPIV) and Virtual Fabric</li> <li>Host to Fabric FC-SP authentication</li> </ul>	<ul style="list-style-type: none"> <li>Provides superior performance for the enterprise</li> <li>Integrates seamlessly into existing SANs</li> <li>Supports IT server consolidation and energy conservation initiatives</li> </ul>
<ul style="list-style-type: none"> <li>Common driver model allows a single driver to support all Emulex HBAs on a given OS</li> <li>Easy deployment of new firmware with no server reboot</li> <li>Efficient centralized administration of Emulex HBAs via powerful management tools</li> </ul>	<ul style="list-style-type: none"> <li>Allows application of SAN best practices, tools and processes with virtual server deployments</li> <li>Protects sensitive data from unauthorized access</li> <li>Assures data availability and data protection</li> <li>Improves IT staff productivity through simplified deployment and management</li> </ul>

# Technical details

## Technical details

<b>Controller type</b>	Fibre Channel Host Bus Adapter
<b>Connector type</b>	LC-style
<b>Operating system pre-installed</b>	Information to released operating systems can be found in the server datasheets. Details can be found in the released drivers list on the support portal.
<b>Released drivers list link</b>	<a href="http://support.ts.fujitsu.com/Download/Index.asp">http://support.ts.fujitsu.com/Download/Index.asp</a>
<b>Number of ports</b>	1
<b>Bus interface</b>	PCIe 2.0 x8
<b>Bus transfer rate</b>	5GT/s
<b>LEDs</b>	green and yellow LED (The green LED means firmware operation and the yellow LED means port activity)
<b>Standards</b>	<ul style="list-style-type: none"> <li>· ANSI Fibre Channel: FC-PI-4, FC-FS-2, FC-FS-2/AM1, FC-LS, FC-AL-2, 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</li> <li>· PCI Express base spec 2.0</li> <li>· PCI Express card electromechanical spec 2.0</li> <li>· Fibre Channel class 2 and 3</li> <li>· PHP hot plug-hot swap</li> </ul>
<b>Data transfer rate up to</b>	8 Gbit/s
<b>Fibre Channel interface</b>	MMF

Order code	Product name (vendor)	Height of bracket	Number of ports	Related product
MC-0JFC31	LPe1250	Low Profile (LP)	1	PRIMEQUEST Server
MC-0JFC91	LPe1250	Full Height (FH)	1	PRIMEQUEST Server
MCX0JFC31	LPe1250	Low Profile (LP)	1	PRIMEQUEST Server
MCX0JFC91	LPe1250	Full Height (FH)	1	PRIMEQUEST Server
S26361-F3961-E1	LPe1250	Full Height (FH)	1	PRIMERGY Server
S26361-F3961-E201	LPe1250	Low Profile (LP)	1	PRIMERGY Server
S26361-F3961-L1	LPe1250	Full Height (FH)	1	PRIMERGY Server
S26361-F3961-L201	LPe1250	Low Profile (LP)	1	PRIMERGY Server

## Environment

<b>Temperature (operating)</b>	0 - 55 °C
<b>Storage temperature</b>	-20 - 70 °C

## Compliance

<b>Compliance notes</b>	According to the corresponding system
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

# More information

## Fujitsu products, solutions & services

In addition to Fujitsu with LPe1250 Fibre Channel card, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

### Computing Products

[www.fujitsu.com/global/products/computing/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about FUJITSU Server LPe1250 Fibre Channel card, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. [www.fujitsu.com/primergy](http://www.fujitsu.com/primergy)

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment>



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