

# Data Sheet

## Emulex LPe12002 Fibre Channel card

LPe12002 dual port 8 Gbit PCI Express 2.0 Host Bus Adapters

Fibre channel Host Bus Adaptor (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.

### LPe12002 Fibre Channel card

Streamlined installation and management, unrivaled scalability, and industry-leading virtualization support make the single-channel Emulex LightPulse LPe12000 and dual-channel LPe12002 Fibre Channel host bus adapters (HBA) ideal solutions for enterprise, mixed-OS and virtual server environments. With powerful management capabilities and broad platform support, they deliver maximum performance in the broadest range of applications and environments.

The LightPulse HBAs' highly integrated processor design minimized onboard components to improve host performance and efficiency. Advanced error-

checking features ensure the integrity of block data as it traverses the SAN. The 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 Emulex HBAs on a given OS platform. Installation and management facilities are designed to minimize server reboots and further simplify deployment. The HBAnyware enterprise-class management application has gained broad market acceptance with over 6 million Fibre Channel and FCoE ports managed to date. Building on the success of the HBAnyware application, Emulex has released OneCommand Manager. OneCommand Manager's multi-protocol, cross platform architecture, provides centralized management of the adapters within the enterprise datacenter. OneCommand Manager streamlines IT administrative tasks by delivering uniform management across heterogeneous data center environments. With OneCommand Manager, IT administrators can increase management efficiency and flexibility by improving responsiveness to dynamic business environments. To ensure a transparent transition for customers who are using Emulex's existing HBAnyware management solution, OneCommand Manager is backward compatible with HBAnyware 4.1.



Main Features	Benefits
<ul style="list-style-type: none"> <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>■ BlockGuard® ready - ensures end-to-end data integrity</li> <li>■ Easy deployment of new firmware with minimal server reboots</li> <li>■ Efficient centralized administration of Emulex HBAs via powerful management tools</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> <li>■ Assures data availability and data integrity</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>Number of ports</b>	2
<b>Data transfer rate up to</b>	8 Gbit/s
<b>Bus interface</b>	PCIe x8
<b>Standards</b>	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 PCI Express base spec 2.0 PCI Express card electromechanical spec 2.0 Fibre Channel class 2 and 3 PHP hot plug-hot swap
<b>Fibre Channel interface</b>	MMF

<b>Order code</b>	<b>Height of bracket</b>	<b>Formfactor</b>
S26361-F3961-E202	Low Profile (LP)	low profile (MD2)
S26361-F3961-E2		low profile (MD2)
S26361-F3961-L202		
S26361-F3961-L2		

## Environmental

<b>Temperature (Operating)</b>	0 - 55 °C
<b>Temperature (Not Operating)</b>	-40 - 70 °C

## Compliance

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

# More information

## Fujitsu OPTIMIZATION Services

In addition to Fujitsu LPe12002 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/services/computing/](http://www.fujitsu.com/global/services/computing/)

## Software

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

## More information

Learn more about Fujitsu LPe12002 Fibre Channel card, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
[www.fujitsu.com/fts](http://www.fujitsu.com/fts)

## 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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