

## 4Gb/s FIBRE CHANNEL BX600-FC42E for the PRIMERGY BX600

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**4Gb/s FIBRE CHANNEL Mezzanine Card Host Bus Adapter BX600-FC42E is designed for the Fujitsu-Siemens Computers PRIMERGY BX600. The BX600-FC42E 4 Gbit/s FIBRE CHANNEL Host Bus Adapter is 100% compatible with Emulex Light Pulse® LPe11000 series HBA, and provides maximum performance in the broadest range of applications and environments.**

### Unparalleled manageability, reliability, performance and ease of deployment

Streamlined installation and management, unrivaled scalability, and industry-leading virtualization support make the BX600-FC42E dual channel mezzanine card an ideal solution for PRIMERGY BX600 SAN environments. With powerful management tools and broad operating system support, they deliver maximum performance in the broadest range of applications and environments.

### Proven design, architecture and interface

The BX600-FC42E (based on Emulex LightPulse® HBA) features a highly integrated single chip design which minimizes onboard components, while advanced error-checking methods assure robust data integrity. 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 HBAs. Installation and management applications are designed to minimize reboots and further simplify deployment.

Key Features	Benefits
■ Exceptional performance and full-duplex data throughput	■ Maximum SAN performance and scalability increase user satisfaction in large enterprise installations
■ Comprehensive virtualization capabilities with support for N-Port ID Virtualization (NPIV) and Virtual Fabric	■ LightPulse Virtual HBA technology provides efficient host utilization and compliance with SAN management best practices
■ Simplified installation and configuration using common HBA drivers and AutoPilot Installer®	■ The most efficient installation accelerates deployment and reduces administration costs
■ Efficient administration via HBAnyware® for HBAs anywhere in the SAN	■ Superior quality and reliability ensure data availability
■ Common driver model eases management and enables upgrades independent of HBA firmware	■ Robust interoperability simplifies deployment and upgrades of SAN hardware and software

<b>Controller specifications</b>	
Standards	ANSI Fibre Channel: FC-PH-3, FC-PI-2, FC-FS, FC-AL-2, FC-GS-4, FC-FLA, FC-PLDA, FC-TAPE, FCP-2 and RFC 2625 (IP over FC) PCI Express base spec 1.0a Fibre Channel class 2 and 3 PHP hot plug-hot swap
<b>Technical specifications</b>	
Architecture	Dual-channel 4Gb/s, 2Gb/s or 1Gb/s FC Link speeds automatically detected Integrated data buffer and code space memory
Comprehensive OS Support	Windows Server 2003, Linux (SUSE and Red Hat), VMware
Hardware Environment	Fujitsu-Siemens PRIMERGY BX600 Blade Server
Power and Environmental Requirements	Volts: +3.3 and +5.0 VDC Power consumption (typ/max): 4.6W / 6.5W Operating temperature: 0° to 50°C (32° to 122°F) Airflow required: 200 lf/m Storage temperature: -40° to 70°C (-40° to 158°F) Relative humidity: 5% to 95% non-condensing

<b>Compliance with standards</b>	
<b>Product safety</b>	
Global	IEC 60950-1
Europe	EN 60950-1
USA	UL 60950-1
Canada	CSA 22.2 60950-1-03
Taiwan	
China	
<b>Electromagnetic compatibility</b>	
Europe	EN 55022, EN 55024
Taiwan	
Japan	VCCI, CISPR 22 Class A
China	
Australia / New Zealand	AS/NZ CISPR 22 Class A
USA / Canada	FCC CFR47 Part 15 Subpart B Class A
<b>Declaration of conformity</b>	
Europe (CE)	CE mark
North America	FCC
Australia	C-tick
<b>Approvals</b>	
<b>Product safety</b>	
Global	CB
Europe	CB
Germany	
USA / Canada	cURus
There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons (e.g. for Canada, East European countries, Norway), can be applied for on request.	