

Emulex Named Sun's Preferred HBA Partner

Emulex has been named 2007 Sun Best-in-Class Supplier for OEM products. We are proud to receive an accolade that demonstrates our continued commitment to working closely with Sun to provide our mutual customers with innovative enterprise-class products.

www.emulex.com/press/2007/1009-01.jsp

Emulex Features & Benefits:

- **Flexible firmware-based architecture for better availability**
 - o Investment protection with future upgrades
 - Since 1995, the ability to mix generations of HBAs
- **Integrated into all Sun Server Platforms**
 - o Emulex is the only HBA vendor that is available across all Sun platforms and all form factors
- **Leader in Virtualisation**
 - o Drivers included with VMware ESX Server 2.5.x and 3.x
 - o Emulex are the only provider of NPIV Drivers for Sun Solaris
 - o Integrated into VMware ESX which includes industry standard N-Port ID Virtualisation (NPIV) technology
 - o Boot from SAN support for virtual environments
- **Simple to Deploy**
 - o Sun-branded Emulex HBA drivers are tested, shipped and supported as an integral part of Solaris 10, 9 and 8 distributions
 - o Support for Windows® (2000 and 2003), Linux (RHEL and SLES) and VMware® as part of Sun's Open SAN initiative
- **Environmentally Friendly**
 - o Emulex has best in class environmental footprint
 - o All Emulex HBAs are RoHS* compliant

Drivers, Datasheets and White Papers:

Sun URL Links:

- Adapter Documentation: www.sun.com/products-n-solutions/hardware/docs/Network_Storage_Solutions/Adapters/index.html

Emulex URL Links:

- Technical support and driver/software downloads
 - o Support Resources for Sun Microsystems: www.emulex.com/sun/support/index.jsp
 - o HBAnyware® for Solaris (choose adapter): www.emulex.com/white/hba/hbanyware4solaris.pdf
- White papers, news, articles and data sheets
 - o OEM Site: www.emulex.com/sun/index.jsp
 - o Sun HBAs Datasheet: www.emulex.com/sun/sun_hbas.pdf
 - o Sun / Emulex Driver Technical Brief: www.emulex.com/sun/sun_os_drivers.pdf
 - o Whitepapers: www.emulex.com/white/index.jsp

Emulex Advantages:

Superior Performance

- 78% greater throughput than competitor
- 36% greater database IOPS
- Better multi-port scalability
 - o www.emulex.com/white/hba/07-072FullThroughput.pdf

Simple Manageability

- HBAnyware® streamlines HBA management with a centralised, secure management solution
- HBAnyware® provides state-of-the-art, powerful management capabilities in all locations and is integrated into Solaris SAN Foundation (SFS) Software
 - o www.emulex.com/white/hba/hbanyware4solaris.pdf

Higher Availability

- Industry's most reliable HBA based on actual field return data
- 30% higher reliability over nearest competitor
- Emulex MTBF is 10 million hours
 - o www.emulex.com/pdfs/mtbf.pdf

Why Are Solaris Enterprise Data Centers Choosing Emulex

<http://www.emulex.com/white/hba/solaris-6.pdf>

The only numbers you'll ever need

visit www.emulex-sun.com today!

Sun Cross Reference Chart

PTO (X-Option - Individually Packaged HBAs)										
Sun P/N	Emulex P/N	Description	Speed			Ports	PCI-E Server Model	PCI-X Server Model	Blade 6000	Blade 8000
			2Gb/s	4Gb/s	8Gb/s					
SG-XPCI1FC-EM2	LP10000	2Gb/s FC HBA, PCI-X	•			1		•		
SG-XPCI2FC-EM2	LP10000DC	2Gb/s FC HBA, PCI-X	•			2		•		
SG-XPCIE1FC-EM4	LPe11000	4Gb/s FC HBA, PCIe		•		1	•			
SG-XPCIE2FC-EM4	LPe11002	4Gb/s FC HBA, PCIe		•		2	•			
SG-XPCI1FC-EM4-Z	LP11000	4Gb/s FC HBA, PCI-X 2.0		•		1		•		
SG-XPCI2FC-EM4-Z	LP11002	4Gb/s FC HBA, PCI-X 2.0		•		2		•		
SG-XPCIE1FC-EM8-Z	LPe12000	8Gb/s FC HBA, PCIe			•	1	•			
SG-XPCIE2FC-EM8-Z	LPe12002	8Gb/s FC HBA, PCIe			•	2	•			
SG-XPCIE20FC-NEM-Z	LPe11020-S	4Gb/s FC Network Express Module, Bulk I/O, 20-ports		•		20			•	
SG-XPCIE2FC-EB4-Z	LPem11002-S	4Gb/s FC ExpressModule		•		2		•	•	
SG-XPCIE2FCGBE-E-Z	LPem11002E-S	4Gb/s FC & GbE Combo ExpressModule, 2 FC Ports & 2GbE Ports		•		2		•	•	
SG-XPCIE2FC-ATCA-Z	LPeA11002-S	4Gb/s FC AMC for ATCA Chassis		•		2				

ATO (Factory Installed HBAs)										
Sun P/N	Emulex P/N	Description	Speed			Ports	PCI-E Server Model	PCI-X Server Model	Blade 6000	Blade 8000
			2Gb/s	4Gb/s	8Gb/s					
SG-PCI1FC-EM2	LP10000	2Gb/s FC HBA, PCI-X	•			1		•		
SG-PCI2FC-EM2	LP10000DC	2Gb/s FC HBA, PCI-X	•			2		•		
SG-PCIE1FC-EM4	LPe11000	4Gb/s FC HBA, PCIe		•		1	•			
SG-PCIE2FC-EM4	LPe11002	4Gb/s FC HBA, PCIe		•		2	•			
SG-PCI1FC-EM4-Z	LP11000	4Gb/s FC HBA, PCI-X 2.0		•		1		•		
SG-PCI2FC-EM4-Z	LP11002	4Gb/s FC HBA, PCI-X 2.0		•		2		•		
SG-PCIE1FC-EM8-Z	LPe12000	8Gb/s FC HBA, PCIe			•	1	•			
SG-PCIE2FC-EM8-Z	LPe12002	8Gb/s FC HBA, PCIe			•	2	•			
SG-PCIE20FC-NEM-Z	LPe11020-S	4Gb/s FC Network Express Module, Bulk I/O, 20-ports		•		20			•	
SG-PCIE2FC-EB4-Z	LPem11002-S	4Gb/s FC ExpressModule		•		2		•	•	
SG-PCIE2FCGBE-E-Z	LPem11002E-S	4Gb/s FC & GbE Combo, ExpressModule, 2 FC Ports & 2GbE Ports		•		2		•	•	
SG-PCIE2FC-ATCA-Z	LPeA11002-S	4Gb/s FC AMC for ATCA Chassis		•		2				

Emulex and the Sun 6000 Series, the Perfect Match

Did You Know?



Emulex is inside (embedded SOC) and outside (HBAs) with the 6000 Series FC Storage Array and provides enterprise-class data protection and incredible price/performance for the cost conscious.

- **Choosing Emulex provides superior end-to-end data integrity**
 - o Sun 6000 Series FC Storage Array is designed with the Emulex SOC422 Embedded Switch which accelerates storage system RAS (Reliability, Availability and Serviceability)
- **Choosing Emulex enables an enterprise-class scalable storage solution**
 - o Sun 6000 Series FC Storage Array with an Emulex HBA utilises a common software architecture providing scalable deployments through replicated installation, global parameter setting, and batch mode operations for firmware and driver updates.

Contact Information:

Richard Hastie
Emulex OEM Account Manager
Sun
richard.hastie@emulex.com
Mobile: +44 (0) 7808 783 169

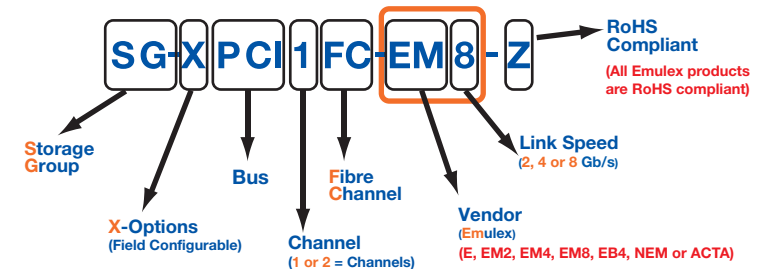
Thomas Prucker
Emulex Channel Account Manager
Central Europe
thomas.prucker@emulex.com
Mobile: +49 (0) 1729 079 390

Lydie Doumi
Emulex Channel Account Manager
Southern Europe
lydie.doumi@emulex.com
Mobile: +33 675 015 692

Craig Skelton
Emulex Channel Sales Director
craig.skelton@emulex.com
Mobile: +44 (0) 7780 958 201

Jim Carroll
OEM Channel Account Manager
jim.carroll@emulex.com
Mobile: +44 (0) 7778 155 656

Sun Model Number Decoder



This document refers to various companies and products by their trade names. In most cases, their respective companies claim these designations as trademarks or registered trademarks. This information is provided for reference only. Although this information is believed to be accurate and reliable at the time of publications, Emulex assumes no responsibility for errors or omissions. Emulex reserves the right to make changes or corrections without notice. This document is the property of Emulex Corporation and may not be duplicated without permission from the Company.