

Oracle Enterprise Data Centres Choose Emulex!

Data Center administrators choose Emulex because we are ranked #1 in Solaris and x86 Virtualization. Emulex also provides the following benefits for Oracle customer

- Industry's first support for Oracle's data integrity feature in Oracle Enterprise Linux
- Broad platform/product interoperability support for ease-of-deployment and reduced training and administrative costs
- High-performance platform stability enabling Oracle and Emulex to meet the stringent Service Level Agreements (SLA) and Quality of Service requirements demanded by enterprise customers
- Highly efficient and scalable enterprise management enabling you to easily manage larger networks and multiple protocols without increasing costs

Emulex Features and Benefits

Flexible firmware-based architecture for better availability

- Investment protection with future upgrades
 - Since 1995, the ability to mix generations of HBAs

Integrated into all Oracle server platforms

- Emulex is the only HBA vendor that is available across all Oracle platforms and all form factors

Leader in virtualization

- Drivers included with VMware ESX Server 2.5.x and 3.X
- Emulex are the only provider of NPIV drivers for Oracle Solaris
- Integrated VMware ESX, which includes industry standard N_Port ID Virtualization (NPIV) technology
- Boot from SAN support for virtual environments

Simple to deploy

- Oracle-branded Emulex HBA drivers are tested, shipped and supported as an integral part of Solaris 10, 9 and 8 distributions
- Support for Windows® (2000 and 2003), Linux (RHEL and SLES) and VMware® as part of Oracle's Open SAN initiative

Environmentally friendly

- Emulex has best in class environmental footprint
- All Emulex HBAs are RoHS* compliant

Drivers, Datasheets and White Papers

Sun URL links

Adapter documentation

- www.oracle.com/technetwork/indexes/documentation

Emulex URL links

Technical support and driver/software downloads

- Support resources for Oracle:
www.emulex.com/downloads/Oracle.html
- HBAnyware® for Solaris (choose adapter):
www.emulex.com/white/hba/hbanyware4solaris.pdf

White papers, news, articles and data sheets

- OEM Site:
www.emulex.com/partners/oems/Oracle.html

Emulex Advantages

Superior performance

- 78% greater throughput than competitor
- 36% greater database IOPS
- Better multi-port scalability
 - 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
 - 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

Oracle Cross Reference Chart

PTO (X-Option - Individually Packaged HBAs)										
Oracle 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-XPCIE1FC-EM4	LPe11000	4Gb/s FC HBA, PCIe, single-channel		•		1	•			
SG-XPCIE2FC-EM4	LPe11002	4Gb/s FC HBA, PCIe, dual-channel		•		2	•			
SG-XPCI1FC-EM4-Z	LP11000	4Gb/s FC HBA, PCI-X 2.0, single-channel		•		1		•		
SG-XPCI2FC-EM4-Z	LP11002	4Gb/s FC HBA, PCI-X 2.0, dual-channel		•		2		•		
SG-XPCIE20FC-NEM-Z	LPe11020-S	4Gb/s FC Network Express Module, Bulk I/O, 20-ports		•		20				•
SG-XPCIE2FC-EB4-Z	LPem111002-S	4Gb/s FC ExpressModule		•		2			•	•
SG-XPCIE2FCGBE-E-Z	LPem-11002E-S	4Gb/s FC & GbE Combo ExpressModule, 2 FC Ports & 2 GbE Ports		•		2 FC 2 GbE			•	•
SG-XPCIE2FC-ATCA-Z	LPeA111002-S	4Gb/s FC AMC for ATCA Chassis dual-channel		•		2				
SG-XPCIE1FC-EM8-Z	LPe12000-S	8Gb/s FC PCIe, single-channel			•	1	•		•	•
SG-XPCIE2FC-EM8-Z	LPe12002-S	8Gb/s FC PCIe, dual-channel			•	2	•		•	•

ATO (Factory Installed HBAs)										
Oracle 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-PCIE1FC-EM4	LPe11000	4Gb/s FC HBA, PCIe, single-channel		•		1	•			
SG-PCIE2FC-EM4	LPe11002	4Gb/s FC HBA, PCIe, dual-channel		•		2	•			
SG-PCI1FC-EM4-Z	LP11000	4Gb/s FC HBA, PCI-X 2.0, single-channel		•		1		•		
SG-PCI2FC-EM4-Z	LP11002	4Gb/s FC HBA, PCI-X 2.0, dual-channel		•		2		•		
SG-PCIE20FC-NEM-Z	LPe11020-S	4Gb/s FC Network Express Module, Bulk I/O, 20-ports		•		20				•
SG-PCIE2FC-EB4-Z	LPem111002-S	4Gb/s FC ExpressModule		•		2			•	•
SG-PCIE2FCGBE-E-Z	LPem-11002E-S	4Gb/s FC & GbE Combo ExpressModule, 2 FC Ports & 2 GbE Ports		•		2 FC 2 GbE			•	•
SG-PCIE2FC-ATCA-Z	LPeA111002-S	4Gb/s FC AMC for ATCA Chassis dual-channel		•		2				
SG-PCIE1FC-EM8	LPe12000-S	8Gb/s FC PCIe, single-channel			•	1	•		•	•
SG-PCIE2FC-EM8	LPe12002-S	8Gb/s FC PCIe, dual-channel			•	2	•		•	•

Emulex and the Sun Storage 6000 Arrays, the Perfect Match

Did you know?

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



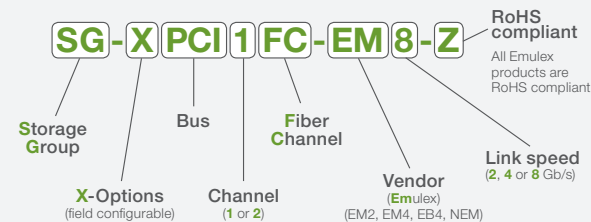
Choosing Emulex provides superior end-to-end data integrity

Sun Storage 6000 Arrays are 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

Sun Storage 6000 Arrays with Emulex HBAs utilise a common software architecture providing scalable deployments through replicated installation, global parameter setting, and batch mode operations for firmware and driver updates

Oracle Model Number Decoder



Visit www.emulex-oracle.com today!

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