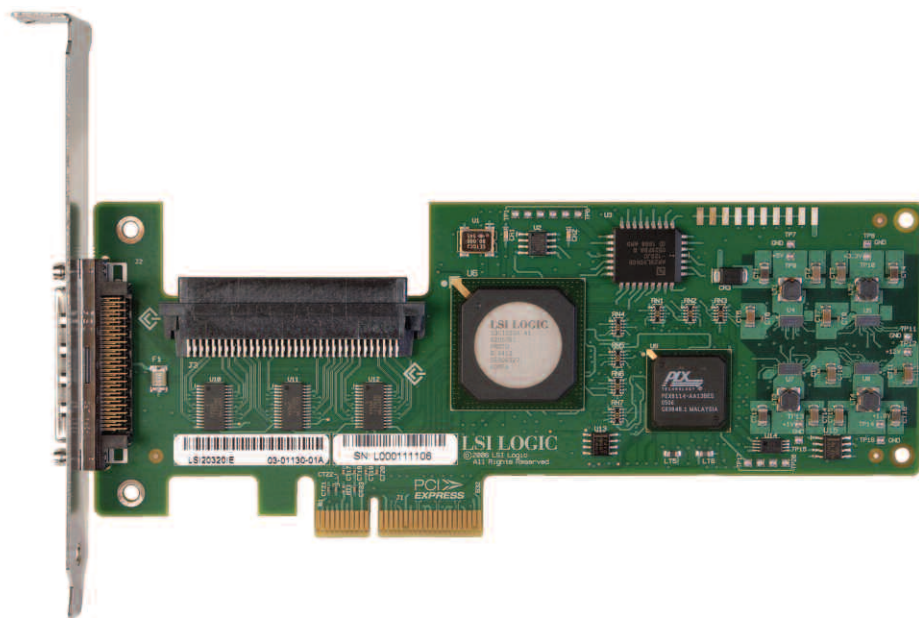


Sun StorageTek™ Ultra320 SCSI PCI Express Dual Port Host Bus Adapter



➤ The Sun StorageTek™ Ultra320 SCSI PCI Express dual port host bus adapter (HBA) features Ultra320 SCSI channel allowing a SCSI speed of 320 MB/sec. It supports up to 30 external devices for the greatest flexibility in a SCSI solution. With PCI Express host bus platform support and Ultra320 channel speeds, this host bus adapter solution delivers unsurpassed performance and flexibility for your most demanding storage networking applications.

Highlights

- Ultra320 SCSI to PCI Express
- Enterprise-class HBAs ideal for large or mixed OS environments
- Features the award-winning Fusion-MPT HBA architecture from LSI Logic
- Includes a low-profile bracket installed and full height bracket
- Simultaneous on-board support for x64/x86 BootBIOS (Windows and Linux) and Solaris™ SPARC OpenBoot
- Ideal for tape attach

The Sun StorageTek Ultra320 SCSI PCI Express HBA delivers the speed and bandwidth required by today's data intensive storage applications. It is ideal for the most popular applications including data warehousing, video streaming, internet, email, printing, financial management and other storage intensive applications.

High-performance storage connectivity

The Sun StorageTek Ultra320 SCSI PCI Express HBA is ideal for Sun customers who require an enterprise-level Ultra320 SCSI connectivity solution and are implementing the latest in host bus architectures with PCI Express. This HBA provides the flexible functionality and high performance required for storage implementations.

PCI Express

Designed for servers with the high performance next generation serial host bus called PCI Express, these HBAs eliminate many of the inefficiencies of parallel PCI and PCI-X architectures. With lower pin counts and lower power consumption requirements, these PCI Express host bus adapters also reduce system level power requirements. Most importantly though, PCI Express is backward compatible with PCI and PCI-X addressing, which allows all existing applications and Operating Systems to function unchanged.

Superior design

Sun HBAs, utilizing the LSI Fusion-MPT architecture, provide unparalleled performance and binary compatibility of host software with LSI's controller products.

With advanced architecture, the Sun StorageTek Ultra320 SCSI HBA family can be quickly adapted to respond to emerging I/O interfaces.

Flexibility

A robust feature set, combined with comprehensive testing and support from Sun Microsystems, helps ensure that the Sun StorageTek Ultra320 SCSI PCI Express HBA provides the flexibility and interoperability needed for tape attach. Flexible multi-platform support includes numerous OS, server and storage platforms.

High-quality, multi-platform support

- Scale-up SPARC
- Scale-out/grid computing x64/x86
- Multi-Boot support, same HBA can be redeployed to different OS and architecture without firmware change or re-flash

SCSI HBA available

- SG-XPCIE2SCSIU320-Z (Xoption)
- SG-PCIE2SCSIU320-Z (factory configured)

Sun SG-XPCIE2SCSIU320-Z Specifications

Supported operating systems

- Sun Solaris™ 10 SPARC
- Sun Solaris x64
- Red Hat Enterprise Linux (RHEL) 3
- Red Hat Enterprise Linux (RHEL) 4
- SUSE SLES 9
- Windows Server 2003
- Windows Server 2008

Supported server platform

- Sun Fire™ X2100
- Sun Fire X2200
- Sun Fire X2250
- Sun Fire X4100 M2
- Sun Fire X4140
- Sun Fire X4150
- Sun Fire X4200 M2
- Sun Fire X4240
- Sun Fire X4250
- Sun Fire X4440
- Sun Fire X4450
- Sun Fire X4540
- Sun Fire X4600
- Sun Fire X4600 M2
- Sun SPARC® Enterprise M3000
- Sun SPARC Enterprise M4000
- Sun SPARC Enterprise M5000
- Sun SPARC Enterprise M8000
- Sun SPARC Enterprise M9000
- Sun SPARC Enterprise T1000
- Sun SPARC Enterprise T2000
- Sun SPARC Enterprise T5120
- Sun SPARC Enterprise T5140
- Sun SPARC Enterprise T5220
- Sun SPARC Enterprise T5240
- Sun SPARC Enterprise T5440
- Ultra 25
- Ultra 40 M2
- Ultra 45
- Netra T2000
- Netra x4250

Learn More

For additional information on this product, go to sun.com/storagetek/networking.jsp

Supported storage platforms

- 3120 SCSI array
- 3310 SCSI array
- 3320 SCSI array
- S1 U160
- D240
- D2 U160
- L8 tape autoloader
- L25/L100 tape libraries
- L500/SL500 tape libraries
- DAT 72 tape drive
- LTO tape drive
- SDLT320 tape drive
- SDLT600 tape drive
- LTO 3 tape drive
- C2 autoloader, C4 tape library
- L180/L700/L1400 tape libraries

Technical specifications

- PCI Express x4 lanes (1.0a specification)
- Wide Ultra320, LVD and SE
- 10W power dissipation
- Two external VHDICI connectors
- Universal LVD/SE termination per channel
- Self resetting termination 1.5A fuse per channel

Physical dimensions

- 167.64 mm x 64.42 mm (6.60 inches x 2.54 inches)
- Low-profile brackets and optional full height

Environment

Operating temperature	• 0°C - 55°C
Storage temperature	• -45°C - 105°C
Relative humidity	• 5% to 90% non-condensing