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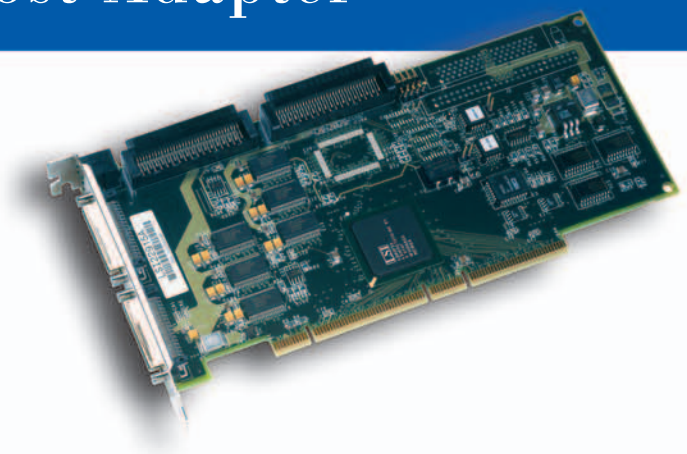
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LSI22915A
SCSI Host Adapter



The LSI22915A Ultra160 SCSI host adapter offers the highest Ultra160 SCSI performance with two internal and external channels.

KEY APPLICATIONS

- Mid to high-end servers
- Cluster environments

PLATFORMS

- Intel

FEATURES

- High performance Ultra160 SCSI speeds with two external and internal Ultra160 connectors
- SureLINK™ domain validation technology ensures data integrity
- Supports all major operating systems with SDMS software
- Supports one-button disaster recovery for tape drives for instant data recovery
- 5 year limited warranty

PCI Bus:
64-bit, 66 MHz PCI

SCSI Bus:
16-bit LVD or Single-ended

SCSI Performance:
Ultra160 (160 MBps)

SCSI Connector Config:
Internal: (2) 68-pin HD
External: (2) 68-pin VHDCI

Max No of SCSI Devices:
30

DELIVER HIGH PERFORMANCE CONNECTIVITY TO YOUR ENTERPRISE APPLICATIONS!

When developing enterprise storage solutions, the LSI22915A PCI-to-Dual Channel Ultra160 SCSI host adapter is the ideal choice. Two independent Ultra160 SCSI channels allow for up to 30 external and/or internal devices to be attached at once for high performance and flexibility. This greater connectivity makes the LSI22915A adapter ideal for connecting JBODs, RAID, hard disk drives for high speed storage applications.

This adapter provides the advanced features necessary to ensure reliable Ultra160 system operation and meets the data transfer requirements of emerging system technologies. It includes LSI Logic SureLINK domain validation technology, available exclusively from LSI Logic, which ensures data integrity by intelligently testing the network before completing negotiation.

WARRANTY

For more than 15 years, LSI Logic host adapters have been providing high-performance SCSI solutions to leading server, disk array and computer systems worldwide. Each host adapter carries a powerful chip built in LSI Logic's ISO 9001-certified fabrication facilities. Using only the highest quality components, LSI Logic host adapters are assembled and tested in world-class facilities to assure superior product reliability and performance. Because of stringent quality management programs, our host adapters carry a five-year limited warranty.

LSI22915A ULTRA160 SCSI ORDERING INFORMATION

LSI22915A	Supports Intel platforms

LSI LOGIC®
HOST ADAPTERS

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LSI22915A SCSI Host Adapter

Technical Specifications

PCI Bus	64-bit, 66 MHz max	
PCI Modes	Bus master DMA	
PCI Data Burst Transfer Rate	132 MB/second (32-bit bus @ 33 MHz) 264 MB/second (64-blt bus @ 33 MHz) 528 MB/second (64-bit bus @ 66 MHz)	
PCI Card Type	Universal add-in card (3.3V and 5.0V signaling)	
PCI Voltage	+5V ±5%	
PCI Form Factor	4.2" x 8.4"	
PCI Power	15 Watts, 1.5A @ +5VDC	
Bracket	ISA/EISA and low profile option	
Certification Level	PCI 2.2, PC 99 compliant	
SCSI Bus	Wide Ultra160, LVD (Low Voltage Differential) and SE (Single-Ended)	
SCSI Processor	LSI53C1010	
Connectors	**External**	**Internal**
Channel A Channel B	68-pin VHDCI 68-pin VHDCI	68-pin HD 68-pin HD
Termination	Universal (LVD/SE) termination Automatlc cable detection Software disable Jumper disable option	
Termination Power	Self resetting 1.5A fuse per channel	
LED Indicators	4-pin header for off-board LEDs	
BIOS Flash Memory	128K x 8 flash EEPROM	
Subsystem ID	SVID – 1000h	
	SSID – 1010h	
Environments	**Operating**	**Storage**
Temperature	0°C to 55°C	-40°C to +105°C
Relative Humidity	5 to 90% non-condensing	5 to 90% non-condensing
MTBP	>400,000 hours	
Compliances	CE, VCCI, C-Tick, FCC class B, UL 94VO	

Software Support

OS Support	Versions
Windows	95, 98, Me, NT4.0, SP4 and above, 2000, 2000 SP1 and XP
Linux	2.2 and 2.4 kernels
NetWare	4.11, 4.2 and 5.X
UnixWare	2.12 and 7.X
SCO Unix	5.X
OS/2	3.0 or greater
Solaris	X86 versions 2.6, 2.7, and 2.8
Sun Solaris	Versions 2.8 and greater, Open Boot PROM version 3.0 and greater
Utilities	Install, Flash, SCSI format, BIOS configuration, and NT configuration
Domain Validation	Windows NT, 2000 and XP/levels 1, 2, and 3
Data Protection	CRC and AIP
Device Support	OBDR (Tape Booting) and Bootable CD-ROM

For more information please visit the LSI Logic web site at:
http://storageio.lsilogic.com

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