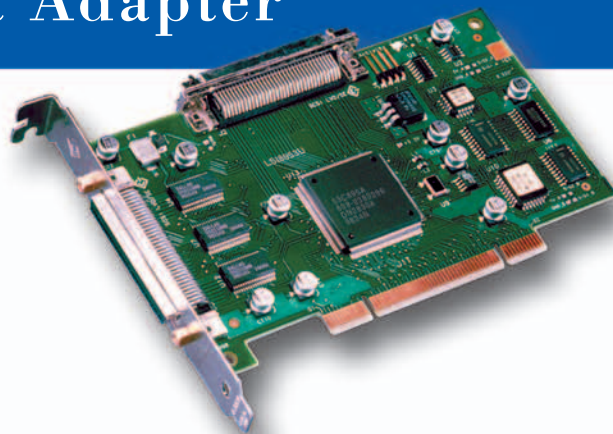


LSI8953U SCSI Host Adapter



KEY APPLICATIONS

- NT workstations
- Entry level servers
- Tape back-up

FEATURES

- Low cost, single channel solution
- Ultra2 SCSI with LVD connectors
- Supports all major operating systems with SDMS software
- Supports One-Button Disaster Recovery for tape drives for rapid data recovery
- 5 year limited warranty

Host Bus:

32-bit, 33 MHz PCI

SCSI Chip: LSI53C895A

SCSI Bus:

16-bit LVD or Single-Ended

SCSI Performance:

Ultra2 (80 MBps)

SCSI Connector Config:

Internal: 68-pin HD

External: 68-pin HD

Max SCSI Devices: 15

The LSI8953U Ultra2 SCSI host adapter is a low cost SCSI solution for any application needing to add a SCSI adapter.

GET A RELIABLE SOLUTION FOR CONNECTING YOUR WORKSTATION IN A NETWORKING ENVIRONMENT

The LSI Logic LSI8953U single channel Ultra2 SCSI host adapter is ideal for connecting a workstation or entry-level server to a JBOD or RAID subsystem. The adapter features Ultra2 SCSI performance both for internal and external connections; and ensures a reliable SCSI solution at a low cost.

This adapter provides the advanced features necessary to ensure reliable Ultra2 system operation with proven interoperability and data integrity. It features LSI Logic LVDlink™ technology for Low Voltage Differential (LVD) signaling and reliable delivery of up to 80 MBps in a wide range of cabling environments.

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.

LSI8953U ORDERING INFORMATION

LSI8953U

Full height, ISA/EISA bracket



LSI8953U SCSI Host Adapter

Technical Specifications

PCI Bus	32-bit, 33 MHz max	
PCI Modes	Bus master DMA	
PCI Data Burst Transfer Rate	132 MB/second (PCI 32-bit bus @ 33 MHz)	
PCI Card Type	Universal add-in card (3.3V and 5.0V signaling)	
PCI Voltage	+5V \pm 5%	
PCI Form Factor	3.5" x 6.0"	
PCI Power	75 Watts, 1.5A @ +5VDC	
Bracket	ISA/EISA, full height	
Certification Level	PCI 2.1, PC99 compliant	
SCSI Bus	Wide Ultra2, LVD (Low Voltage Differential) and Ultra Wide SE (Single-Ended)	
SCSI Processor	LSI53C895A	
Connectors	External	Internal
	68-pin HD	68-pin HD
Termination	Universal (LVD/SE) termination Automatic cable detection Jumper disable option (not populated on standard board)	
Termination Power	Self resetting 1.5A fuse	
LED Indicators	4-pin header for off-board LEDs	
BIOS Flash Memory	128K x 8 flash EEPROM	
Subsystem ID	SVID – 1000h	
	SSID – 1020h	
Environments	Operating	Storage
	Temperature	0°C to 55°C
Relative Humidity	5 to 90% non-condensing	5 to 90% non-condensing
MTBP	>500,000 hours	
Compliances	CE, VCCI, Canada, 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
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 sites at:

<http://storageio.lsillogic.com>

<http://adapters.lsillogic.com>

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ISO 9001 Certified

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