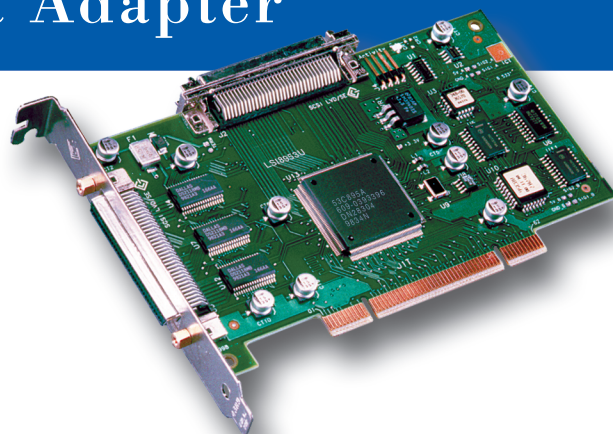


LSI8953U SCSI Host Adapter



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 | -40°C to +105°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>

LSI Logic Corporation

North American Headquarters

Milpitas, CA

Tel: 866 574 5741 (within U.S.)

408 954 3108 (outside U.S.)

Host Adapter Group

Southborough, MA

Tel: 888 429 0425

FAX: 508 485 0303

LSI Logic Europe Ltd.

European Headquarters

United Kingdom

Tel: 44 1344 426544

Fax: 44 1344 481039

LSI Logic KK Headquarters

Tokyo, Japan

Tel: 81 3 5463 7165

Fax 81 3 5463 7820

ISO 9001 Certified

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