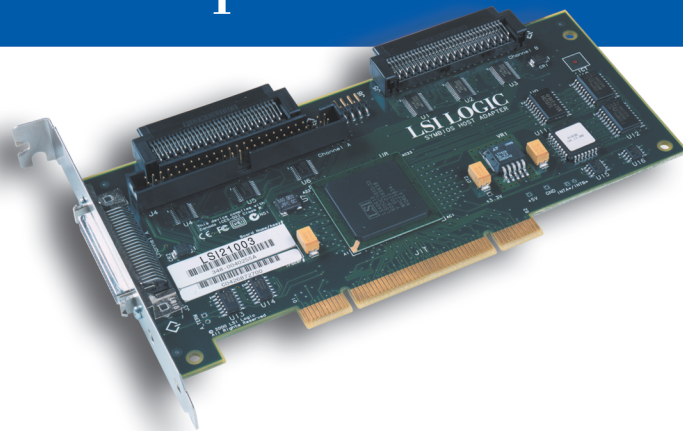


LSI21003 SCSI Host Adapter



The LSI21003 Ultra160 SCSI host adapter offers high performance internal Ultra160 SCSI performance with internal/external legacy SCSI support.

KEY APPLICATIONS

- High-end desktops
- Workstations

FEATURES

- High Performance channel for internal Ultra160 SCSI with LVD connector
- Legacy SCSI channel support with external SE narrow connector for attaching Zip and Jaz removable drives, scanners, etc.
- SureLINK™ domain validation technology ensures data integrity
- Supports all major operating systems with SDMS software
- Supports one-button disaster recovery for tape drives for rapid data recovery
- 5 year limited warranty

PCI Bus:

32-bit, 33 MHz PCI

SCSI Bus:

16-bit LVD or Single-ended

SCSI Performance:

Ultra160 (160 MBps)

SCSI Connector Config:

Internal: (2) 68-pin HD,
50-pin ribbon

External: 50-pin HD

Max No of SCSI Devices:

30

BRING HIGH PERFORMANCE AND FLEXIBILITY TO YOUR ENTRY LEVEL APPLICATIONS

The LSI Logic LSI21003 Dual Channel Ultra160 SCSI host adapter is ideal for entry level workstations and high-end desktop applications. The adapter features Ultra160 SCSI performance when connecting high performance disk drives internally, and legacy SCSI for internal and external connection to existing SCSI drives and peripherals.

This adapter provides the advanced features necessary to ensure reliable Ultra160 system operation and is in position to meet the data transfer requirements of emerging system technologies. It includes LSI Logic SureLINK domain validation technology, an innovation available exclusively from LSI Logic, that 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.

LSI21003 ORDERING INFORMATION

LSI21003

Supports Intel platforms

LSI21003 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 (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	7.0" x 3.3"	
PCI Power	7.5 Watts, 1.5A @ +5VDC	
Bracket	ISA/EISA	
Certification Level	PCI 2.2, PC 99 compliant	
SCSI Bus	Ultra160, LVD (Low Voltage Differential) and SE (Single-Ended)	
SCSI Processor	LSI53C1010	
Connectors	External	Internal
Channel A Channel B	50-pin ribbon	68-pin HD, 50-pin ribbon 68-pin HD
Termination	Universal (LVD/SE) termination Automatic cable detection Software disable 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 – 1050h	
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 mark, VCCI, Canada mark, 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

For more information please visit the LSI Logic web site at:

<http://storageio.lsillogic.com>

LSI Logic Corporation

North American Headquarters

Milpitas, CA

Tel: 866 574 5741

Host Adapters 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 9000 Certified

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