LSIU160
Ultra160 SCSI Host Adapter

KEY APPLICATIONS

• High-end workstations

• Mid to high-end severs

• Business-critical systems

FEATURES

• High performance Single Channel Ultra160 SCSI solution

• Supports all major operating systems with SDMS software

• Supports multi-tasking operation systems

• SureLINK™ Domain Validation technology ensures data integrity

• Supports One-Button Disaster Recovery for tape drives for rapid data recovery

Host Bus:
64-bit PCI

SCSI Bus:
16-bit LVD or Single-ended

SCSI Performance:
Ultra160 (160 MBps)

SCSI Connector Config:
Internal: 68-pin HD
External: 68-pin HD

Max No of SCSI Devices:
15

The LSIU160 Ultra160 SCSI host adapter is the best solution to connect to high performance Ultra160 hard disks drives.

GET A HIGH PERFORMANCE SOLUTION FOR ANY APPLICATION

The LSI Logic LSIU160 Single Channel Ultra160 SCSI host adapter is our "all purpose server" SCSI adapter. Ideal for any application needing high I/O performance, data integrity and scalability with a low implementation risk. The adapter features Ultra160 SCSI performance both internally when connecting high performance hard disk drives and externally for connecting to drives enclosures and peripherals. The LSIU160 is fully backward compatibility with older SCSI devices protecting legacy device investments.

The LSIU160 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 SCSI bus 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 three-year limited warranty.

LSIU160 ORDERING INFORMATION

LSIU160	ISA/EISA bracket

LSI LOGIC ®

HOST ADAPTERS

LSIU160 Ultra160 SCSI Host Adapter

Technical Specifications

PCI Bus	64-bit Bus master DMA	
PCI Data Burst Transfer Rate	132 MB/second (32-bit bus @ 33 MHz) 264 MB/second (64-bit bus @ 33 MHz)	
PCI Card Type	Universal add-in card (3.3V and 5.0V signaling)	
PCI Form Factor	4.0" x 6.875"	
PCI Power	7.5 Watts, 1.5A @ +5VDC	
Certification Level	PCI 2.2, PC 99 compliant	
SCSI Bus	Wide Ultra160, LVD (Low Voltage Differential) and SE (Single-Ended) Supports Ultra160, Ultra2, Ultra, Fast SCSI, and SCSI transfer rates	
SCSI Processor	LSI53C1010	
Connectors	**External**	**Internal**
	68-pin HD	68-pin HD
Termination	Universal (LVD/SE) termination Automatlc cable detection	
LED Indicators	4-pin header for off-board LEDs	
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, and XP
Linux	2.2 and 2.4 kernels
Solaris	X86 versions 2.6, 2.7, and 2.8
Utilities	Install, Flash, SCSI format, BIOS configuration, and NT configuration
Device Support	OBDR (tape booting) and bootable CD-ROM

INSTALLATION INSTRUCTION FOR WINDOWS NT 4.0 AND 2000

Windows XP and .Net have the driver included on the Windows CD

1) Create Windows driver disk for the LSI Logic SCSI card (download from web site)
   http://adapters.lsilogic.com

2) Boot with Windows CD

3) Press F6 key when the screen displays "Setup is inspecting your computer's hardware configuration"

4) Choose "S" to specify an additional device when the screen displays "Setup has recognized the following mass storage devices in your computer …"

   a) Install the driver disk made in step 1 in the floppy drive and follow instructions

5) Continue with the Windows install

6) Install the latest service pack

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

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ISO 9001 Certified

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