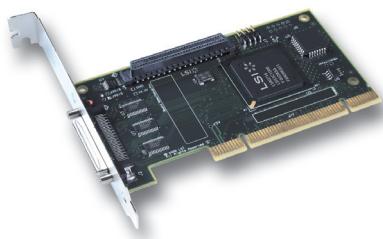


LSI20160

SCSI Host Bus Adapter



The LSI20160 Ultra160 SCSI Host Adapter Is Our Lowest Cost Adapter For Any Application Needing To Add A SCSI Adapter

KEY APPLICATIONS

- ISP Servers
- High-end Desktops
- Workstations

FEATURES

- Low cost Ultra160 SCSI solution
- High performance Ultra160 SCSI channel with LVD 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 rapid data recovery
- 3 year limited warranty

KEY SPECIFICATIONS

- PCI Bus – 32-bit, 33MHz
- SCSI Bus – 16-bit LVD or single-ended
- SCSI Performance – Ultra160 (160 MBPS)
- SCSI Connector Configuration –
internal: 68-pin HD
external: 68-pin VHDCI
- Max. No. of SCSI Devices – 15

Get A Low Cost, High Performance Solution For Any Application

The LSI20160 Single Channel Ultra160 SCSI host adapter is an “all purpose” SCSI adapter. This adapter is ideal for any application needing added SCSI connectivity at a low cost. The LSI20160 adapter features Ultra160 SCSI performance both internally when connecting high performance disk drives and externally when connecting to drives and peripherals.

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 SureLINK domain validation technology, available exclusively from LSI, that ensures data integrity by intelligently testing the network before completing negotiation.

Warranty

For more than 15 years, LSI 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's ISO 9001-certified fabrication facilities. Using only the highest quality components, LSI 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.

LSI20160 HOST BUS ADAPTER		
PCI Bus	32-bit, 33MHz max	
PCI Modes	Bus Master DMA	
PCI Data Burst Transfer Rate	132MB/s (32-bit bus @ 33MHz)	
PCI Card Type	Universal Add-in Card	
PCI Voltage	+5V \pm 5%	
PCI Form Factor	4.721" x 2.53"	
PCI Power	7.5W, 1.5A @ +5VDC	
Bracket	ISA/EISA and Low Profile Option	
Certification Level	PCI 2.2, PC 99 Compliant	
SCSI Bus	Wide Ultra 160, LVD (Low Voltage Differential) and Wide Ultra SE (Single-Ended)	
SAS Processor	LSI53C1000	
Connectors	Internal: 68-pin HD	External: 68-pin VHDCI
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 x8 Flash EEPROM	
Subsystem ID	SVID – 1000h SSIS – 1060h	
Environments	Operating	Storage
Temperature	0°C to 55°C	-45°C to 105°C
Relative Humidity	5 to 90% Non-condensing	5 to 90% Non-condensing
MTBF	>500,000 Hours	
Compliances	CE, VCCI, Canada, C-Tick, FCC class B, UL 94VO	
OS Support	Microsoft® Windows® Me, NT4.0, SP4 and above, 2000, 200SP1 and XP Red Hat® Linux® 2.2 and 2.4 Kernels Novell® NetWare® 4.11, 4.2, 5x UnixWare® 2.12 and 7x SCO Unix 5x OS/2 3.0 or greater Solaris x86 Versions 2.6, 2.7 and 2.8 Sun Solaris Version 2.6 and later, Open Boot PROM Version 3.0 or greater	
Utilities	Install, Flash, SCSI Format, BIOS Configuration and NT Configuration	
Domain Validation	Microsoft® Windows® NT, 2000 and XP/Levels 1, 2 and 3	
Data Protection	CRC and AIP	
Device Support	OBDR (Tape Booting) and Bootable CD-ROM	
Ordering Information	LSI20160 Single	P/N: LSI20160B-F
Warranty	3 years, advanced replacement option, free advanced technical support at www.lsi.com/support	

For more information and sales office locations, please visit the LSI web sites at: lsi.com lsi.com/contacts

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