

LSIU40SE

Ultra SE SCSI Host Adapter

KEY APPLICATIONS

- Legacy Single-ended (SE)
- Internal SCSI devices
 - CD-ROM, tape
- External Storage
 - Scanners, tape

FEATURES

- PCI 32-bit, 33MHz
- Dual Channel Ultra SCSI
- Single-ended
- Connects up to 30 internal/external devices such as JBOD, RAID, scanners
- Windows NT, 2000 & XP
- Linux (2.2 & 2.4 kernels)

Host Bus:

32-bit PCI

SCSI Bus:

16-bit SE

SCSI Performance:

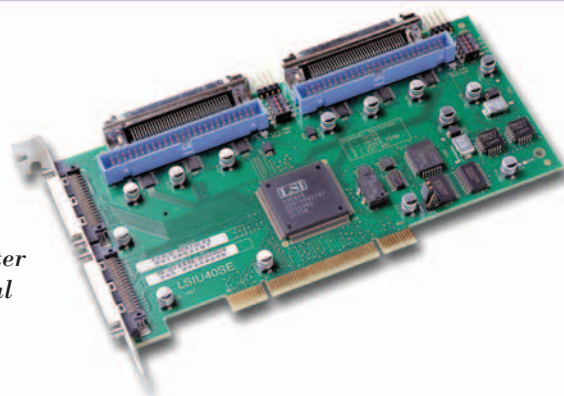
Ultra (40 MBps per channel)

SCSI Connector Config:

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

Max No of SCSI Devices:

30



The LSIU40SE SCSI host adapter offers SE SCSI with two internal and external channels

DELIVERING LOW COST SCSI CONNECTION

The LSIU40SE host adapter is a multi-function board providing two independent single-ended Ultra SCSI channels. Both SCSI channels are identical, offering increased connectivity without utilizing additional PCI slots. A single board provides a powerful dual channel, multitasking interface for Ultra SCSI peripherals such as disk, tape, CD-ROM, and other SCSI devices.

The LSIU40SE includes an on-board configuration utility allowing viewing and changing of default configuration settings for the host adapter and connected SCSI peripherals.

The adapter also provides advanced features for ease of use by modifying the on-board terminators depending on cable configuration and LEDs to help with termination power (TERMPWR) monitoring.

The LSIU40SE is the right choice for applications requiring SE connections.

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. Due to LSI Logic's stringent quality management programs, this host adapter carries a three-year limited warranty.

	Single-ended (SE)
Technology	Fast, Ultra
Cable lengths (meters)	3
Device supported	Single-ended

LSIU40SE ORDERING INFORMATION

LSIU40SE	Supports Intel platforms
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Technical Specifications

PCI Bus	32-bit, 33 MHz PCI	
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	3.8" x 7.5"	
PCI Power	7.5 Watts	
Certification Level	PCI 2.1	
SCSI Bus	Wide Ultra SE (Single-Ended)	
SCSI Processor	LSI53C876	
Connectors	External	Internal
Channel A Channel B	68-pin VHDCI 68-pin VHDCI	68-pin HD, 50-pin ribbon 68-pin HD, 50-pin ribbon
Termination	Automatic cable detection per channel Jumper disable per channel	
LED Indicators	4-pin header for off-board LEDs	
BIOS Flash Memory	64K x 8 flash EEPROM	
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	>400,000 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
Utilities	Install, Flash, SCSI format, BIOS configuration, and NT configuration
Device Support	OBDR (tape booting) and bootable CD-ROM

The LSIU40SE's driver is already included on the operating system CD for the following operating systems: Windows 98, Windows NT and Windows 2000. These OSs will recognize the LSIU40SE and load the driver automatically without any user intervention. For the most current driver version check our **web site at www.lsillogic.com**

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

<http://storageio.lsillogic.com>

<http://adapters.lsillogic.com>

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