

LSIU320 Host Adapter

Quick Installation Guide

Quick Host Adapter Installation

To install an Ultra320 SCSI host adapter, follow these steps:

Step 1 Turn off and unplug the computer.

Warning: Be sure to disconnect the computer's power before you remove the cover and install the Ultra320 SCSI host adapter.

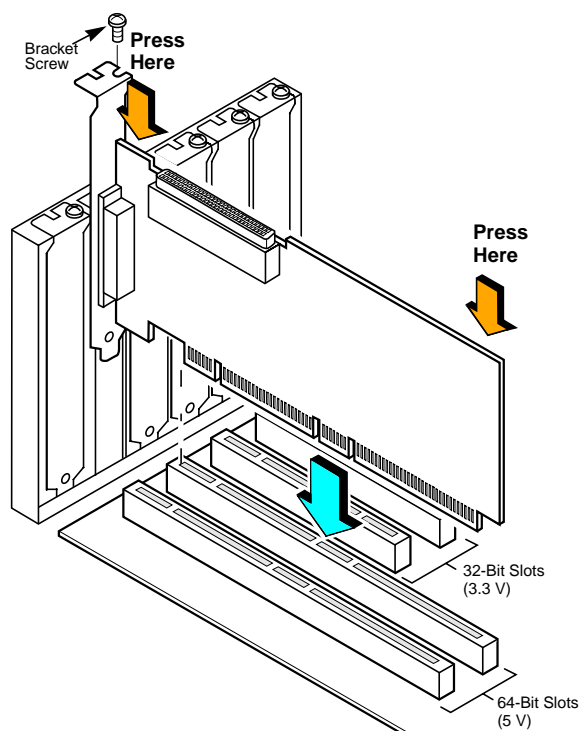
Step 2 Open your computer cabinet by removing its cover.

Step 3 Be sure to touch a grounded metal surface to discharge static electricity before handling the host adapter.

Step 4 Remove the host adapter from its packaging and examine it for any damage.

Step 5 Locate an unused PCI/PCI-X/PCI Express slot.

Step 6 Insert your Ultra320 SCSI host adapter into the selected slot.



Step 7 Connect the internal and external SCSI devices to connectors on one SCSI channel.

Step 8 Install SCSI bus terminators at the ends of the SCSI bus. The SCSI bus must be properly terminated.

Step 9 Set the SCSI IDs for all devices and record them for future reference.

Step 10 Make any configuration changes.

Step 11 Before replacing the cover on your computer, verify your installation:

- Is the host adapter connection in the PCI/PCI-X/PCI Express bus slot secure?
- Are the internal SCSI bus connections secure?
- Are the external SCSI bus connections secure?
- Is the SCSI bus terminated correctly?
- Have the SCSI IDs been set and recorded for each device?

Step 12 Replace the cabinet cover on your computer.

Step 13 Plug in all power cords and turn on power to all devices and your computer.

Step 14 Wait for your computer to start up.

The host adapter installation is complete.

Quick Windows Driver Installation

To load the SYMPTI.SYS miniport driver during a new Windows NT, Windows 2000, Windows XP or Windows. NET system installation, you can boot directly from the Microsoft installation CD-ROM. The Windows drivers are not interchangeable; however, the instructions are very similar.

To install a new Windows operating system and its appropriate device driver, follow these steps:

Step 1 Have the Microsoft Windows driver diskette available to insert into drive A when prompted.

Step 2 Boot the computer from the Microsoft Windows CD-ROM.

Step 3 Press F6 when the words Setup is inspecting your computer's hardware configuration appear, or when Windows prompts you for unsupported drivers.

Important: You must press F6 for the new driver to be recognized. Otherwise, the system does not recognize the devices controlled by the driver during the Windows setup.

Step 4 Follow the instructions until a screen displaying the words Setup could not determine the type of one or more mass storage device... appears.

Step 5 Choose S to Specify Additional Devices.

Step 6 Follow the prompts and insert the Windows driver diskette when prompted.

Step 7 Follow the Microsoft Windows installation procedure to complete the installation. Microsoft provides documentation with their installation CD-ROM.

Step 8 If you are installing Windows NT 4.0, also install Service Pack 5 or higher after Windows NT 4.0 has been installed.

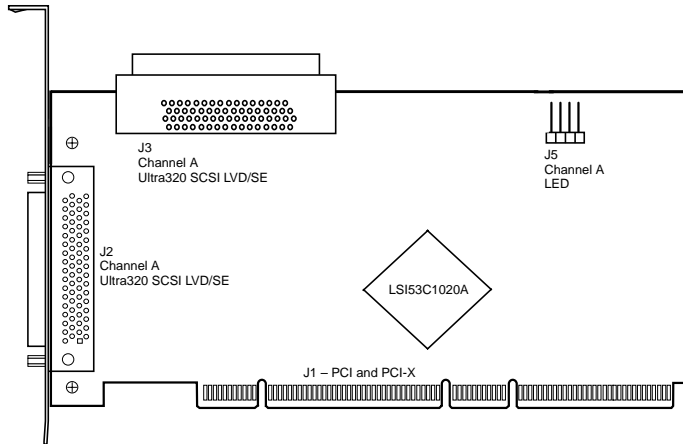
Note: Refer to the *Fusion-MPT™ Device Management User's Guide* for detailed configuration and installation instructions for all firmware and drivers.



LSIU320 Host Adapter Connectors

The LSIU320 host adapter is a single channel Ultra320 SCSI host adapter that provides one Ultra320 SCSI channel. Details of the LSIU320 host adapter are shown below:

- J1: PCI and PCI-X, 64-bit, universal type board edge connector
- J2: 68-pin high density right-angle internal connector
- J3: 68-pin high density right-angle internal connector
- J5: 4-pin low density un-shrouded right-angle LED connector



Technical Support

For assistance installing, configuring, or running the LSIU320 host adapter, contact LSI Logic Technical support:

Phone Support: 1-800-633-4545

Web Site: <http://www.lsillogic.com>



DB11-000063-00, Version 1.0, September 2004

Find a list of LSI Logic Corporation's U.S. distributors, international distributors, sales offices, and design resource centers on the LSI Logic web site at:

<http://www.lsillogic.com/contacts/index.html>

LSI Logic, the LSI Logic logo design, and Fusion-MPT are trademarks or registered trademarks of LSI Logic Corporation. All other brand and product names may be trademarks of their respective companies.

Copyright © 2004 by LSI Logic Corporation. All rights reserved.

LSI Logic Corporation reserves the right to make changes to any products and services herein at any time without notice. LSI Logic does not assume any responsibility or liability arising out of the application or use of any product or service described herein, except as expressly agreed to in writing by LSI Logic; nor does the purchase, lease, or use of a product or service from LSI Logic convey a license under any patent rights, copyrights, trademark rights, or any other of the intellectual property rights of LSI Logic or of third parties.