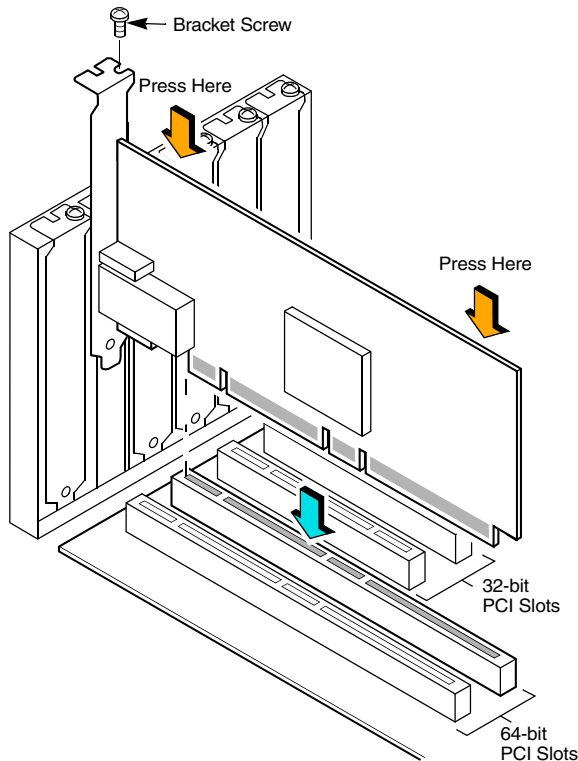# Fibre Channel Host Adapter

Quick Installation Guide

INSERTING THE HOST ADAPTER

Step 1   *Ground yourself* before removing the host adapter board from the package.

Step 2   Switch off the computer and unplug the power cords for all components in your system.

Step 3   Remove the cover from your computer according to the instructions in the user's manual for your system to access the PCI-X slots.

Step 4   Select an empty slot for installation.

Step 5   Remove the blank bracket panel on the back of the computer aligned with the PCI-X slot you intend to use. Save the bracket screw.

Step 6   Carefully insert edge connector of the host adapter into the PCI-X slot.

Step 7   Secure the board with the bracket screw; then make the external Fibre Channel (FC) link connection.

Step 8   Replace computer cover and reattach the power cords.

SOFTWARE INSTALLATION FOR WINDOWS 2000 SERVER AND WINDOWS 2003 SERVER

Step 1   Boot your machine and login as administrator. Insert the CD containing the MyStorage™ management software.

If the Windows OS does not pop up the Found New Hardware wizard, skip to Step 3.

Step 2   Click Cancel.

Note: Later in this process, the MyStorage installer will auto-update if necessary.

Step 3   Click the MyStorage icon located in the top directory of the install CD.

Step 4   Review the license agreement. Click Next if you accept the terms of the agreement.

Step 5   Validate the installation directory.

Step 6   After several seconds, the installation completes. Click Finish.

Step 7   Launch the MyStorage management software from the desktop icon.

Note: The default security password is `lsistorage` (all lower case).

SOFTWARE INSTALLATION FOR LINUX REDHAT AND SUSE SERVERS

Step 1 Boot your machine and login as root.

Step 2 If X-windows is not running, type `startx`.

Step 3 Insert the CD labeled *MyStorage Software.*

Step 4 If Linux does not automount the CD, open terminal window and at the prompt (#) type

```
# mkdir /mnt/cdrom
# mount /dev/cdrom /mnt/cdrom
```

Step 5 Execute the MyStorage Installer for Linux (`.bin`) located in the CD's top directory. Follow the prompts.

Step 6 Installation of Linux drivers from the Source RPM: Install the source RPM by typing

```
# rpm -ivh mptlinux-<version>-
<release>.<arch>.src.rpm
```

The following files should be placed on your system:

Red Hat users:

```
/usr/src/redhat/SOURCES/mptlinux-
<version>-<release>.<arch>.tar.gz and
```

```
/usr/src/redhat/SPECS/mptlinux-<version>-
<release>.<arch>.spec
```

SuSE users:

```
/usr/src/packages/SOURCES/mptlinux-
<version>.tar.gz and
```

```
/usr/src/packages/SPECS/mptlinux.spec
```

Step 7 Change to the directory where the `mptlinux.spec` file was installed.

On Red Hat this is

```
# cd /usr/src/redhat/SPECS.
```

On SuSE this is

```
# cd /usr/src/packages/SPECS.
```

Use the `rpmbuild` utility to build the binary RPM. This is done with the following command:

```
# rpmbuild -bb mptlinux.spec
```

Step 8 When the build is finished, the RPM will be located at

For Red Hat: `/usr/src/redhat/RPMS/i386.`

For SuSE: `/usr/src/packages/RPMS/i386.`

Install the binary RPM. This is done by typing the command

```
# rpm -ivh mptlinux-<version>-
<release>.<arch>.rpm
```

Step 9 Launch MyStorage by typing

```
# cd /opt/LSILogic/MyStorage
# ./MyStorage
```

Note: The default security password is `lsistorage` (all lower case).

SOLARIS SPARC DRIVER INSTALLATION

Step 1 Boot your machine and login as root.

Step 2 Insert the CD labeled *MyStorage Software.*

Step 3 Open terminal window, and type

```
# volcheck
# tar -xvf /cdrom/drivers/solaris/
    sparc/itmpt_install_v500700.tar
# pkgadd -d install
```

Step 4 Follow all additional on-screen instructions.

DRIVER INSTALLATION FOR NETWARE

Step 1 Begin the OS installation as detailed in the file server installation chapter of the Novell NetWare installation manual.

Step 2 When prompted for the storage driver, insert the MyStorage CD. Press the INS key twice to select an unlisted driver. A dialog box appears. Press the F3 key and enter this CD path:

```
/drivers/netware
```

Select the driver named `LsiMptNw.ham`.

Step 3 Load a separate instance of the driver for each Fibre Channel port installed in the system.

Step 4 When prompted, accept *ALL* slot assignments*.*

Step 5 When asked to edit the `STARTUP.NCF` file, *verify that a slot entry exists for each Fibre Channel port*:

```
SLOT=<slot number>
```

Verify the slot numbers written down in Step 4. The HAM driver(s) are then sequentially loaded for each LSI Logic FC port from the first LOAD statement to the last LOAD statement.