

Sending; BusLogic EISA SCSI Adapter

494393_PixelRule.tiff

625157_SCSI.tiff SCSI Devices

This driver automatically detects the target adapter
EISA Bus

Supported Hardware:

BusLogic BT-747C EISA SCSI Adapter
BusLogic BT-757C EISA Wide SCSI Adapter

This driver supports the BusLogic BT-7x7C series EISA SCSI Host Adapter.

The new features of this version of the driver are:

- Support for level-triggered interrupts for EISA SCSI Adapters.

Note: The BT-757C Wide SCSI Host Adapter does not currently work with Level-triggered interrupts.

Installing a BusLogic EISA SCSI Adapter

Note: You must install the BusLogic EISA SCSI adapter in your system before you configure the driver.

1. Refer to the "User's Guide" that comes with the adapter. This manual contains information that you should read before installing the adapter.
2. Install the BusLogic EISA SCSI Adapter in an EISA slot.
3. Run the system's ECU program to add the board to the system's BIOS configuration.
4. Run the BusLogic AutoSCSI program, available at boot time, to configure various host adapter parameters.
5. Be aware of the necessity of proper SCSI termination. Refer to the User's Manual and configure the host adapter accordingly using the system's ECU program.
6. If you are using any external SCSI drives, you will need to limit the data rate on the SCSI bus using the AutoSCSI program.

Configuring the BusLogic EISA SCSI Adapter Device Driver

Note: When installing an EISA Host Adapter, you must first install the board before configuring the driver.

Note: See Configure's Help for general information on running the Configure Application.

1. After you have installed the adapter, log in as root, start Configure, and Click the SCSI icon at the top of Configure's Summary window. If any string containing "BusLogic" is in the list of devices that appears in the window, select the driver's name, and click Remove.
2. If you're planning to use the BusLogic SCSI Adapter adapter in place of another adapter named in the list, select the other adapter's name, and click Remove.
3. Click Add in the window.

4. In the Add SCSI Devices panel that opens, select the radio button labeled "Show Drivers for Detected Devices." Select "BusLogic EISA SCSI Adapter" from the list, and click Add.

Note: If the BusLogic driver does not show up in the list of detected devices, this indicates a problem with the system setup. You need to run the ECU program to ensure that the system BIOS knows about the board.

5. You have the option of selecting either level-triggered or edge-

triggered interrupts. The default is to use edge-triggered interrupts. Using level triggered interrupts allows multiple boards to share an IRQ. If you do this, use the system's ECU program to make sure the board is configured to use level-triggered interrupts.

Note: There is a bug in the Configure application which results in a panel which says "*These settings are claimed by more than one device. You must resolve the conflicts before saving*" when you configure multiple EISA devices to share the same (level-triggered) IRQ. Ignore this panel and proceed to save the configuration as usual.

6. Click Done, and then click Save.
7. Choose Quit from the Configure menu.

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See also

- "Add a Device" in Configure's on-line help.
- See NeXTanswer 1824 for general information on installing and configuring device drivers.
- See NeXTanswer 1771 for an overview of this BusLogic

device driver.