Compaq 32-Bit Fast-SCSI-2 (53c710)
Compaq Integrated 32-Bit Fast-SCSI-2 (53c710)
Compaq Integrated 32-Bit Fast-SCSI-2/P (53c810)
Compaq Integrated 32-Bit Fast-Wide SCSI-2/E (53c825)
Compaq Integrated 32-Bit Fast-Wide SCSI-2/P (53c825)
Compaq 32-Bit Fast-Wide SCSI-2/P (53c825)

Description

The Compaq family of PCI and EISA controllers based on the 53c*xxx* chip includes the following:

Compaq Controller	Chip	Available On
Compaq 32-Bit Fast-SCSI-2	53c710	EISA add-in card
Compaq Integrated 32-Bit Fast-SCSI-2	53c710	ProLiant 2000, 4000
Compaq Integrated 32-Bit Fast-SCSI-2/P	53c810	ProSignia 300-PCI, 500-PCI
Compaq Integrated 32-Bit Fast-Wide SCSI-2/E	53c825	ProLiant 4500-EISA
Compaq Integrated 32-Bit Fast-Wide SCSI-2/P	53c825	ProLiant 1500-PCI
Compaq 32-Bit Fast-Wide SCSI-2/P	53c825	PCI add-in card

Note – The Wide SCSI option is not supported under the Solaris Operating environment. Some cards include connectors for both narrow cables (in other words, 8-bit SCSI A cables) and wide cables (that is 16-bit SCSI P cables.) You can connect devices to the SCSI Wide connectors using SCSI P cables, but the Solaris `ncrs` driver will not initiate or accept the Wide Data Transfer option. The attached devices will function in 8-bit narrow mode.

Device Configuration

Preparing for Configuration

See the hardware manufacturer's documentation for installation and cabling requirements.

Configuring the Device

1. **Consult your Device Configuration Worksheet to see if the NCR 53C710 settings need to be changed.**
2. **Use the Compaq EISA configuration utility Version 2.20 Revision B or later.**
   This can be run from the hard disk or from the diskettes that come with your system.
3. **At the MAIN MENU, press ctrl-A to see the Advanced Mode options.**
   A pop-up box shows that Advanced Mode is enabled.
4. **Press Enter.**
5. **Select System Configuration.**
6. **Select Configure Hardware.**
   The program will then ask you to insert the second diskette into the drive.
7. **Press Enter after you have inserted the second diskette.**
8. **Select Configuration Set Up.**
9. **Select Step 2 Add/Remove Board.**
   Follow the instructions on the screen to add your board.
10. **Select Step 3 View or Edit Details.**
    Find the description of the slot with the Compaq 32-bit Fast-SCSI-2 Controller. Use the Page-Down key as needed.
11. **Select BIOS Hard Drive Geometry under the slot description that lists the Compaq 32-bit Fast-SCSI-2 Controller.**
12. **Set this option to <=1 GB: 64 Heads, 32 Sectors > 1GB: 255 Heads, 63 sectors.**
    This will work for disks with sizes greater and smaller than 1 Gbyte.
13. **Press F10 to leave that menu.**
14. **Select Step 5 Save and Exit.**
    Save your changes and exit.

Known Problems and Limitations

The SCSI Tagged Queuing option is not supported.