

Technical Note

TITLE: AMD PCSCSI in DeskStation V and Tecra 700CT

DATE: 04/08/96

PRODUCT FIELDS: 700 / Tecra
Accessory

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INFORMATION:

The Tecra 700CT ships with AMD PCscsi software to be used with the Desk Station V. Within the Desk Station V, there is an AMD PCI controller (AM53C974A) with one internal 5.25" SCSI bay and an external SCSI-2 port.

DOS/Windows 3.x configuration:

Please verify that the AMD PCscsi version is 3.00 or above. The latest drivers can be obtained from the Toshiba America BBS (714) 837-4408 or from the Web site, www.toshiba.com. The filename is AMDSCSI.EXE.

CONFIG.SYS

```
-----  
device=c:\dos\himem.sys  
device=c:\dos\emm386.exe noems x=d000-dfff device=c:\dos\power.exe  
device=c:\setver.exe  
device=c:\windows\ifshlp.sys  
device=c:\AMDSCSI\AMSIDA.SYS /V /L #1  
device=c:\AMDSCSI\AMDSCSI\AMSICD.SYS /d:amdcd001 #2  
device=c:\AMDSCSI\AMSIRM.SYS #3
```

Note#1:

AMSIDA.SYS is the AMD PCscsi ASPI Manager for DOS, version 3.10. This driver is required to enable the SCSI host adapter. The parameter /V allows data to be displayed during device driver loading while the /L parameter enables support for additional logical units. There is a configuration utility found in the c:\amdscli directory called, AMINSTAL.EXE (500Kb free conventional memory required) that allows customization of the ASPI Manager. AMD SCSI Host uses Interrupt 11.

Note#2:

AMSICD.SYS is the AMD SCSI CD-ROM device driver. This driver will scan the SCSI bus for any recognizable internal/external SCSI CD-ROM device. This driver

complies with Microsoft CD-ROM extensions driver version 2.21 or above. In the AUTOEXEC.BAT, use c:\dos\mscdex.exe /d:amdc001

Note#3:

AMSIRM.SYS is the AMD SCSI Removable Media/Hard Disk Drive device driver. This driver will scan the SCSI bus for any recognizable internal/external Hard Disk or Floptical media.

Below is a list of additional utilities bundled with AMD PCscsi:

AMSICG.EXE	-DOS based CD Audio player (500Kb required)
AMSILF.EXE	-DOS based Low Level Format Utility
AMSIPD.EXE	-DOS based High Level Format/Partition Utility for non-booting removable media and Hard Drives
AMSISS.EXE	-Windows based ShowSCSI utility that displays information of all SCSI devices connected

Windows 95 configuration:

SCSIPT.PDR dated 10/11/95 (found with AMDSCSI.EXE) should be placed in the C:\windows\system\iosubsys\ directory.

When the Tecra 700CT is "docked" to the Desk Station V, Windows 95 should recognize AMD PCI SCSI Controller and use Interrupt 11.

The AMDSCSI.EXE driver required for DOS/Windows 3.x is NOT required under Windows 95. However, within AMDSCSI.EXE, the ShowSCSI utility (amsiss.exe) may be loaded within Windows 95 to view devices on the SCSI bus.

Keywords:

700 TECRA SCSI AMD PCI DSV DESKSTATION