

TECHNICAL SUPPORT BULLETIN

Number: TSB-0426

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Subject: AMD PCscsi in DeskStation V and Tecra 700CT

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the The Tecra 700CT ships with AMD PCscsi software to be used with 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:

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Please verify that the AMD PCscsi version is 3.00 or above. The latest drivers can be obtained from the Toshiba BBS, at (905) 470-7122, or Web site, [www.toshiba.ca](http://www.toshiba.ca). The filename is AMDSCSI.EXE.

CONFIG.SYS

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```
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:amdc001 #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:\amdscsi 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:

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Please download SCSIIPORT.PDR dated 10/11/95. This driver 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.