Texas Instruments TravelMate 5300 Series Notebook Computers
Configuring Ethernet PC Cards

This document is an addendum to the *TM5000 Series Notebook Computers User's Reference Guide*. It applies to the TM5300 Series notebook computers with the Cirrus Everest video card. To use Ethernet PC cards (PCMCIA) on your TM5300, you may need to make the following changes to avoid memory address conflicts. The purpose is to avoid using the 000C 0000h-000D 0FFFh range, which is used by the video card.

The settings recommended should work for most Ethernet PC cards. You could try other memory range values, except those in the C range. In case of trouble, it could be helpful to change the address range setting to Maximum.

If you are using Windows 95:

1) With Windows 95 running, insert the Ethernet PC card.
   Windows 95 will identify the card inserted. You are prompted to provide a diskette with driver, unless Windows 95 already has a driver for this card.
2) Insert the diskette with the driver for your PC card if prompted.
3) Enter Computer and Workgroup information when prompted.
4) If you are prompted to insert disk 2, enter **c:\windows\options\cabs**.
5) If you used a diskette, remove it and restart Windows 95 when prompted.
6) Double-click on the **My Computer**, **Control Panel**, and **System** icons.
7) Click on the **Device Manager** tab.
8) Double-click on **Network Adapter**.
9) Double-click on the name of your Ethernet PC card.
10) Click on the **Resource** tab.
11) Click on **Set Configuration Manually**, only if this button is displayed.
12) Click on each **Resource type**, then click on **Change Setting** and using the **Up** and **Down** arrows change your settings to:
    I/O Range: 0300-031F
    Interrupt Request: 10
    Memory Range: 000D 2000-000D 2FFF (and 000D 4000-000D 7FFF, if two exclusions are needed)
13) Verify that the *system.ini* file does not contain an *EmmExclude* statement. If it does, remove it. This applies to any PC card used under Windows 95.

If you are using Windows for Workgroups v3.11:

1) Plug in the PC card with the computer powered off.
2) Start Windows with PCMCIA Support (Choice 2).
3) Double-click on **Network Setup** in the Network Group.
4) Click on **Networks**.
5) Click on **Install Microsoft Windows Network**, OK.
6) Click on **Drivers**.
7) Click on **Add Adapter**.

8) Click on **Unlisted or Updated Network Adapter**, OK.
9) Insert the diskette with your PC card drivers when prompted, click on **OK**.
10) Click on **OK** when you see your Ethernet PC card type displayed.
11) Click on **Setup**.
12) Change the IRQ to 10 and verify that the I/O port is set to 0x300.
13) Click on **OK**, **Close**, and **OK**.
14) Enter Username, Workgroup, and Computer name when prompted and click on **OK**.
15) Select **Yes to All**.
16) When prompted for Windows diskettes, change path to **c:\windows** and click on **OK**. Repeat for every diskette prompt. Click on **OK** twice.
    When this process is complete, you are prompted to restart or continue.
17) Choose **Continue**; exit Windows, and enter: **cd** at the c:> prompt.

Next, you need to edit your *config.sys* and *autoexec.bat* files, plus three Windows configuration files. Use the MS-DOS editor for the following steps.

1) Enter **edit config.sys**
   Under the title ==*Stop at DOS with PC Card Support==,* find the line:
   device c:\dos\emm386.exe noems x=D800-D8FF
   change x to: D800-DCFF
   Under the title ==*Windows for Workgroups with PC Card Support==,*
   make the same change. Save and exit.
2) Enter **edit autoexec.bat**
   Under the titles ==*Same thing with pc card support==,* and
   ==*Load WFW with Network enabled==,* find the line:
   rem LH /L:1 C:\windows\net start
   Delete the letters *rem* on each. Save and exit.
3) Enter **cd\pcm320**
4) Enter **edit pcm.ini**
   Under [WINPC] and [DOSPC], find the line:
   EmmExclude=XXXX-XXXX
   Change the address on each to D800-DCFF. Save and exit.
5) Enter **cd\windows**
6) Enter **edit system.ini**
   Under [386Enh], find the line:
   EmmExclude=D800-D8FF
   Change the address to D800-DCFF. Save and exit.
7) Enter **edit protocol.ini**
   Under [IBM_ECC], find the line:
   RAMADDRESS=0xD4000
   Change the address to 0xD9000. Save and exit.
8) Remove the floppy and reboot.

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