



OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: Ethernet setup on 9400/10 using Win95 ver 2.5

AN# 1086A

Date: February 18, 1999

Name: Steve Vargo

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Description: Connecting the 9400/9410 on board Ethernet to a network with Windows 95.

This application note was created to help you the user, properly configure the Ethernet port on the 9400/9410 to work in the Windows 95 operating system. The version of Windows 95 that was used for this application note was version 2.5. This version included the USB support and also forced you to load Internet Explorer 4.0. After we loaded Windows 95, we removed the Internet Explorer 4.0 option from the “Add/Remove” programs in Control Panel.

1. What you need to successfully load the Ethernet Drivers.
 - a. A Xycom 9400/9410 unit with Windows 95 version 2.5 loaded.
 - b. A mouse, Keyboard, 9000-EXF external floppy drive, Parallel port external CD-ROM drive. (We used a Bantam Backpack™ CD-ROM drive from Microsolutions for our test.)
 - c. Intel 558 Ethernet Drivers diskette, Xycom part number 127855-001.
2. Open up Control Panel by clicking on Start then choose “Settings” and then choose “Control Panel”.
3. Choose the “System” Icon and choose the “Device” manager tab.
4. Locate the “Other Devices” name in the Window and click on the “+” sign next to it.
5. Double click on the “PCI Ethernet Controller”. In the “PCI Ethernet Controller Properties” screen, click on the “Drivers” tab.
6. Click on the “Update Driver” button. Put your “Intel 558 Ethernet Drivers” diskette into the floppy A: drive.
7. In the “Update Device Driver Wizard” screen, click on “Yes (Recommended)”, so Windows can search for the driver you put into you’re A:drive. Click Next.
8. Windows 95 will find the ‘Intel Etherexpress Pro/100B PCI Adapter (TX). Click on “Finish”.



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9. Windows 95 will now starting copying files. You will see a "Insert Disk" screen. It will say "Please Insert the disk labeled 'Adapter configuration and drivers diskette', and then click Ok". Make sure that the "Intel 558 Ethernet drivers diskette is still in the A: drive and then press Ok to continue.
10. A "Copying Files" screen will appear looking for "NET82557.INF", change the "Copy files from" to be A:/ then click on Ok.
11. A network screen will appear asking for you to provide a Computer name and Workgroup name for your computer. Click on Ok.
12. Give yourself a Computer name and Workgroup name at this time. Click on "Closed" when finished.
13. Remove your "Intel 558 Ethernet Drivers" diskette from A: drive at this time.
14. A "Insert Disk" screen will appear asking you to "Insert the disk labeled Windows 95 disk 1 and then click Ok". Don't put any disk into A: at this time. Click on Ok.
15. A "Copying Files" screen will appear looking for the file 'Netapi.DLL', have it look for this file from your CD-ROM (make sure you have your Windows 95 CD in the CD-ROM at this time). Type in D:\WIN95 and press on Ok.
16. After the files are done copying from the Windows 95 CD from your CD-ROM drive, a "System Settings Change" screen will prompt you to restart your computer for the changes to take effect. Click on "Yes" to restart your computer.
17. After you restart your computer you should be asked to provide a name for yourself on the network and a network neighborhood Icon will be on your desktop. Make sure your Ethernet cable is attached to the port on the 9400/9410 so you can get on your network.