



READ ME FIRST IP5511 FDDI Adapter

Read This Before You Begin!

Description

This document contains release notes for the SX00246-B07 and SJ00085-B07 drivers of the Interphase 5511 PCI FDDI Adapter for Windows NT 4.0 for Intel 80x86 processors.

This release supports the latest version of the IP5511 adapter.

Prior to software installation, the 5511 PCI FDDI adapter must be installed in an available PCI slot. To perform this operation the system must be powered down. The card can then be inserted into one of the system's available PCI slots. The power can then be restored to the system. If difficulties arise during hardware installation help can be obtained via email at intouch@iphase.com.

Installation

An installation diskette is provided which contains all of the necessary components to install the driver. In order to install the FDDI driver, insert the driver's installation diskette and perform the following steps:

- 1.** For a new installation
 - a.** Insert the floppy into the floppy drive
 - b.** Click on the "Start" button
 - c.** Select "Settings" and click on "Control Panel"
 - d.** Double click on "Network" icon
 - e.** Click on the "Adapters" tab
 - f.** Click on the "Add" button
 - g.** After the "Network Option List" has been built, click on the "Have Disk" button
 - h.** Click on "OK" button on the "Insert Disk" popup menu if the path shown is "A:\"
 - i.** Click "OK" on the Select OEM popup menu
 - j.** Click "OK" on the Network window
 - k.** Set up TCP/IP for the IP5511 FDDI adapter
 - l.** Reboot your system

2. Three utilities are supplied on the installation diskette in \tools folder. They are “fddimon73.exe” (A FDDI SMT 7.3 Monitor), “drvmon.exe” (Driver Statistics Monitor), and “dosapp.exe” (DOS application which contains the burn flash capability). The file “ntlcs.dll” is a library file that is necessary to run these utilities.

Copy all four files or the \tools folder using “Windows NT Explorer” to your hard drive. Then double click on either one of the utilities to start them. Use the <ESCAPE> key or the character ‘0’ (zero) to exit. Use numeric commands such as 1, 2, etc. and the <SPACE> character to use different features of the utilities. Both utilities can display statistics for multiple instances of 5511 boards in a single system. Here is a brief description of both utilities:

– **Fddimon73:**

* Note: This utility works only on cards with SMT 7.3. It does not support SMT 6.2

* Displays Station ID (MAC address), Neighbour Stations, Ring Configuration, number of frames received/transmitted.

* Configuration Data for MAC, PHY ports (A, B or S), PATHS.

– **Drvmon:**

* Displays number of total packets received and transmitted. It also classifies packets as multicast, loopback, broadcast, etc.

* Displays Error statistics, i.e. CRC, Underrun, Overrun, Parity, etc. It also lists number of packets dropped due to lack of buffers and number of interrupts.

Dosapp:

* Utility which allows for burn flash capability.

Note: See user’s document (dosapp.pdf)

Outstanding Issues

- The IP5511 Adapter is a PCI Bus Master which may not work in shared PCI/ISA slots. If you find that the card does not work properly in a shared slot, remove the driver, move it to the next available slot, and re-install the driver.

Customer Support

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