



READ ME FIRST

Windows 95 PCI ATM Adapter Driver Software

Read This Before You Begin!

Description

This is a planned release of the Windows 95 PCI ATM Drivers from Interphase Corporation's family of PCI ATM adapters.

New Features/Bug Fixes:

1. A subset of the NT 4.x ID1.2 driver was added to Win95 including:
 - a. Support for 4K VC's.
 - b. Support for enhanced VC's.
 - c. UNI Auto-Configuration mode.
 - d. Support for non-zero VPI.

All features can be configured via the Cellview application included in this release.

2. Driver logging is still disabled by default, but now can be enabled via Cellview. To enable logging, click on "Global", select "Debugging", and under the "Enable Logging" area check the "Driver/Log to File" box. Logging will commence on the next reboot.
3. A failure existed in the LANE code that checks the MAC address on the receipt of the LE_ARP_REPLY to insure that the remote station is still up. Port of the NT ID1.2 code resolved this problem.
4. Executing "netperf" or "ttcp" transmits with small packet sizes caused ILMI to go down and never recover. Transmit logic in the driver was changed to resolve this problem.
5. Using a network prefix with an AFI byte of other than 39, 45, or 47 would cause ILMI address registration to fail. Port of the NT ID1.2 signalling resolved this problem.

Limitations:

1. Only a single adapter is supported.
2. Four Lan Emulation Clients, plus a single 1577 client supported.
3. 1577 PVC is not compatible with the ENI adapter.
4. "Netware Client" from Novell does not work - Microsoft's "Netware Client" is recommended.

5. The “MFS” parameter of the 1577 client section must be set to “3”. This value is not accessible from Cellview, so any change must be done with a text editor. A value other than “3” will result in very slow performance.

Before You Start

Make sure the boards are properly installed and the target system(s) meet the minimum requirements for Windows 95.

Windows 95 OS Revision MUST be 4.00.950 B.

If upgrading from a previous version of the driver, remove the adapter using the remove function of the “Adapter” tab under “Network Properties”. Rebooting will cause “Plug and Play” to find the adapter and the driver can be installed at that point.

Outstanding Issues

You may see a blue screen when the driver is installed for the first time. An example of the message:

“The 32 Bit Device Driver NDIS(04)+00002906 has attempted to use a system device which is not loaded”.

Hitting enter while in the blue screen will allow Windows 95 to continue, however the ATM adapter will not be operational until the system is restarted.

Contact Information

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