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PCI ATM NIC INTEGRATED DIAGNOSTIC

Description

This document contains brief description of Product Functionality, Installation Procedure and Deficiencies for ATMDIAG, an integrated diagnostic utility for PCI ATM NICs. ATM NICs numbered x515, x525 and x575 are supported.

Part Number: SX00254-A02 Media Independent Image

ATMDIAG is a simple pass/fail diagnostic for the PCI ATM NICs. Tests include UBR mode segmentation and reassembly, transmit and receive mode DMA operations across the PCI bus, and control memory integrity verification. ABR, CBR and Raw Cell mode testing is scheduled for future releases.

Before You Start

Make sure there is an ATM NIC inserted in to a PCI slot, a loopback cable connected to the NIC, and the system is booted up on DOS 5.0 or higher version. This diagnostic cannot be run from the MS-DOS Prompt window on Win95, NT 3.51 or NT 4.0.

Installation

There is no installation other than storing the one executable file in your favorite directory. Issuing the command ATMDIAG at the DOS prompt will start execution of the utility. RETURN key should be pressed at the loopback cable reminder prompt in order to actually run the tests. Test duration for the "loopback" and "DMA" tests is less than a minute, and hitting any key during their execution will terminate the diagnostics.

Outstanding Issues

None.

Contact Information

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World Wide Web

<http://www.iphase.com>

Anonymous FTP Server

<ftp.iphase.com>