IBM

3746 Nways Multiprotocol Controller
Models 900 and 950

SY33-2126-01

**Network Node Processor
Installation and Maintenance
(based on 6275)
Addendum
EC F70099**

These revised pages are intended to replace the equivalent pages in the current version of the
Network Node Processor Installation and Maintenance (Based on 6275), SY33-2126-01. The pages
affected are: 5-15, 5-16, F-19 and F-20.

```
                    Change Configuration Parameters

Adapters Mode    |    Plug and Play    |    Other Parameters

            Select each mode for a detailed description

            Adapter Modes

            - Enhanced Modes

            - Auto 16 Mode

            - ISA 16 Mode


OK          Cancel     Help
```

8. Using the **Up** and **Down** keys select the **ISA 16 Mode** (note that the response time is very slow) then press simultaneously **Alt** and **P** keys to select the **Plug and Play** window.

9. The following window is displayed.

```
                    Change Configuration Parameters

Adapters Mode    |    Plug and Play    |    Other Parameters

        Make any Changes to the configuration, then select <OK>

            - Plug and Play Automatic Configuration

            - Manual (locked) Configuration for Plug and Play systems

            - Manual Configuration for no Plug and Play (legacy) systems



OK          Cancel     Help
```

10. Select the **Manual (locked) Configuration for Plug and Play systems**, using the tab key select **Interrupt**, and using the arrow key, select interrupt:　**7**

11. Press simultaneously the **Alt** and **R** keys.

12. The following window is displayed.

```
                Change Configuration Parameters

        Remote IPL              Data Rates

        o Enable                o 16 Mbps
        o Disable               o  4 Mbps

        Auto Sense              Bus Wide

        o Enable                o 16 Mbps
        o Disable               o  8 Mbps


OK          Cancel     Help
```
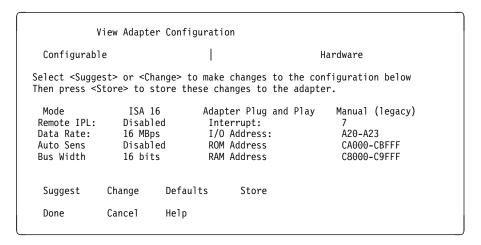
13. Using the **Up**, **Down**, and **Tab** keys select:

   • Remote IPL: **Disable**

- Data Rates: **16 Mbps**
- Auto Sense: **Disable**
- Bus Wide: **16 bits**

Select **OK** and press **Enter**.

14. The following window is displayed.

```
                    View Adapter Configuration

    Configurable                    |                      Hardware

    Select <Suggest> or <Change> to make changes to the configuration below
    Then press <Store> to store these changes to the adapter.

     Mode           ISA 16        Adapter Plug and Play    Manual (legacy)
    Remote IPL:     Disabled        Interrupt:             7
    Data Rate:      16 MBps         I/O Address:           A20-A23
    Auto Sens       Disabled        ROM Address            CA000-CBFFF
    Bus Width       16 bits         RAM Address            C8000-C9FFF


     Suggest     Change     Defaults      Store

     Done        Cancel     Help
```

15. Using the **Up** and **Down** keys select the **Store**, then press **Enter**.

16. The adapter configuration is stored. Wait until the following window is displayed.

```
                    Storing Configuration

    The adapter configuration settings that you have chosen are
    now stored.

    NOTE: Changes made to the adapter do not become effective
    until your computer is powered OFF and back ON: A reboot
    will not activate the changes.


                            OK
```

17. Press **Enter**.

18. The following window is displayed.

```
                    View Adapter Configuration

    Configurable                    |                      Hardware

    Select <Suggest> or <Change> to make changes to the configuration below
    Then press <Store> to store these changes to the adapter.

     Mode           ISA 16        Adapter Plug and Play    Manual (legacy)
    Remote IPL:     Disabled        Interrupt:             7
    Data Rate:      16 MBps         I/O Address:           A20-A23
    Auto Sens       Disabled        ROM Address            CA000-CBFFF
    Bus Width       16 bits         RAM Address            C8000-C9FFF


     Suggest     Change     Defaults      Store

     Done        Cancel     Help
```

19. If not selected, using the **Tab** key, select **Done**, then press **Enter**.

1

```
        System Summary

Processor          Pentium III
Processor Speed    450MHz
L2 Cache Size      512 KB
Cache State        Enabled with NO ECC
System Memory      128 MB
Memory Type        Non-Parity
Video Controller   S3 Incorporated. TRIO3D.
Diskette Drive A   1.44 MB 3.5"
Diskette Drive B   Not Installed
IDE Hard Disk Drive 0 4224 MB
IDE Hard Disk Drive 1 Not Installed
IDE CD-ROM Drive 2  Installed
IDE Hard Disk Drive 3 Not Installed
```

Note: The extended memory can also be 160 MB or higher.

2

```
        Product Data

Machine type/ Model          627583U
Flash EEPROM Revision Level  PDKT21AUS
Boot Block Revision Level    PD21A
System Board Identifier      xxxxxxx
System Serial Number         xxxxxxx
System UUID                  xxxxxxx
BIOS Date                    02/08/99
BIOS Mode                    Desktop
```

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```
           Device and I/O Ports

   Mouse                    (Installed)
   Diskette Drive A:        (1.44 MB 3.5")
   Diskette Drive B:        (Not Installed)

 - Serial Port Setup...
 - USB Setup...
 - Parallel Port Setup...
 - Video Setup...
 - IDE Drives Setup...
```

```
           Serial Port Setup

 Serial Port A Address          (3F8h)
 Serial Port A IRQ              (IRQ 4)
 Serial Port B Address          (2F8h)
 Serial Port B IRQ              (IRQ 3)
```

```
           USB Setup

 USB Support                    (Disabled)
 USB Keyboard/Mouse Support     (Autodetect)
```

```
           Parallel Port Setup

 Parallel Port                  (Disabled)
 Parallel Port Mode              Standard
 Parallel Port Extended Mode     Bidirectionnal
 Parallel Port Extended Mode DMA  No DMA
 Parallel Port IRQ               IRQ 7
```

```
           Video Setup

 Video Controller               S3 Incorporated. Trio3D
 Video Memory                   4096 KB
 Primary Display                (PCI)
 Palette Spooning               (Disabled)
 Video interrupt                (Enabled)
```