

DOS Windows 3.1x/Windows95 Operating Systems

This section gives installation notes on installing your EIDEPRO controller with DOS, Windows, and Windows95 operating systems.

Working with Existing OS Installations

Previous installations which consist of hard disks >504MB may have used software drive translation that accompanies such drives to access the full capacity. Refer to Chapter 6 In Case Of Trouble Removing Disk Manager and other drive translation software.

If adding a >504MB capacity drive into an existing installation, do not install the software drive translation that accompanies such a drive. Note that the existing smaller capacity non-LBA drives will not require reformatting.

Installing DOS

For first time installation, follow the standard methods of installing the DOS operating system onto your hard disk:

Place “Disk 1” of your DOS installation diskettes into the A: drive and type “A:\SETUP” at the A: prompt. Follow the normal DOS installation procedures and refer to your DOS manual for additional details. **OR**

Place a DOS bootable diskette into the A: drive. At the A: prompt, run your DOS FDISK utility program. Create a Primary partition onto the hard disk - the entire drive capacity should be accessible (if the entire capacity does not appear, refer to Chapter 6: In Case of Trouble). The utility program will continue until it asks you to put a DOS bootable floppy into the system and press a key to restart the system. After rebooting to a DOS bootable floppy, run the DOS FORMAT command with the /S - type “FORMAT C: /S” from the A: prompt. Refer to the DOS Operating System manual for installation and partitioning/formatting additional hard disks.

Installing Microsoft Windows 3.1x or Windows'95

Follow the standard methods of installing Microsoft Windows onto your hard disk:

Place “Disk 1” of your WINDOWS installation diskettes into the A:

drive and type “A:\SETUP” at the A: prompt. Follow the normal WINDOWS installation procedure and refer to your WINDOWS manual for additional details.

The EIDEPRO Windows 3.1x Driver Setup

The EIDEPRO utility disk provides a driver setup utility “SETUP.EXE” which automatically installs Windows 3.1x or Windows for Workgroups 3.1x drivers. They are not to be used in any other Windows versions such as Windows95 or Windows NT which require NO additional Promise driver support.

The EIDEPRO Windows 3.1x drivers are supplied to maintain the virtual memory and file system “32-bit Disk/File Access” functions when using Drive translation and larger capacity hard drives. The standard Windows 3.1x driver will not support these functions with LBA drives and should be replaced.

Using the Automatic SETUP.EXE Drivers Setup Utility

Please follow the steps below to install the EIDEPRO Windows Driver:

1. Under Windows Program Manager, Main Group, click on “FILE” option.
2. Select “RUN”.
3. Type “A:\Setup” then click the “OK” button and the Promise Setup program will initialize.
4. When the Thank You Box appears, click the “OK” button to continue.
5. To Install the Windows driver: In the next dialog box, “Menu Choices,” select “Install EIDEPRO Windows drivers” and click “OK”

The installation is complete.

The Install function will modify the \WINDOWS\SYSTEM.INI file and copy the Promise Windows drivers to the “\WINDOWS\SYSTEM” directory. The pre-modified “SYSTEM.INI” is saved into the “\WINDOWS\” directory as “SYSTEM.0x” where “x” starts at “1”

and is incremented if “.0x” already exists.

The removal feature can be used to uninstall the driver and device driver line in the SYSTEM.INI for situations such as upgrading to Windows'95

To Remove the Windows driver:

In the next dialog box, “Menu Choices,” select “Remove EIDEPRO Windows drivers” and click “OK”

Manually installing Windows 3.1x Drivers

It is recommended that the driver files PRO13.386 and PROCTRL.386 be copied to the Windows SYSTEM directory.

Check if the following line exists in the [386Enh] section of your SYSTEM.ini file.

[386Enh]

32BitDiskAccess=ON

If the statement does not exist, add it into the [386Enh] section. If the statement exists, but 32BitDiskAccess is set to “OFF”, change it to “ON”.

1) Remark out the “device=*int13” and “device=*wdctrl” statements

In the [386Enh] section of the \WINDOWS\SYSTEM.INI, add a “;” to the beginning of both device lines if they exist:

;device=*int13

;device=*wdctrl

2) Install the virtual device “PRO13.386” and “PROCTRL.386”

Add the following command lines in the [386Enh] section of the SYSTEM.INI file:

device=[drive:][\path\]PRO13.386

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