

Digital Venturis FX-2/Celebris FX-2 README.TXT

May 23, 1997

This README.TXT covers information that was unavailable when the Venturis FX-2/Celebris FX-2 documentation was written.

It also includes limitations and suggestions.

**** IMPORTANT ****

Universal Serial Bus (USB) and MouseWare v2.1 Mouse Utilities Incompatibility

**** Windows 95 on Venturis FX-2 and Celebris FX-2 ****

If you install both Logitech Mouseware 95 and the Microsoft USB drivers and you have enabled Power Management, the system may not resume properly after system suspend.

If you enable Power Management and choose to install the Microsoft USB drivers, you should ensure that the Logitech Mouseware 95 is not installed.

Your system, by default, has neither USB drivers nor Logitech Mouseware 95 installed and Power Management not enabled.

DMA for Devices

**** Windows 95 on Venturis FX-2 and Celebris FX-2 ****

To enable DMA for HDD's:

1. From the Control panel, select System.
2. Select Device Manager.
3. Select Disk Drives.
4. Select the individual device.
5. Select the Settings Page.
6. Check/Uncheck DMA to enable/disable DMA for this device.

**** Windows NT 4.0 on Venturis FX-2 and Celebris FX-2 ****

To enable DMA for all devices that support DMA, you must re-install the PIIX4 driver. This driver can be found on the System Software CD.

Crystal Audio

**** Windows 95 on Celebris FX-2 only. ****

The Crystal 3D Audio Control applet is working correctly. There is no visual cue for the user to indicate proper functioning.

To enable sound recording using Crystal Audio:

1. From the Start menu, select Programs\Accessories\Multimedia.
2. Under Multimedia, select the Volume Control item.
3. From the Options menu bar under Volume Control, select Recording then click OK.
4. Clear checkbox from mute under Microphone.

S3 Video

**** Windows 95 on Venturis FX-2 and Celebris FX-2 ****

The S3 Color Control applet can be invoked only while playing software MPEG files. This is the proper behavior for this applet.

Ethernet Tester

If you attempt to run the Digital DE Network Test from the AMI Diagnostics User menu, the network test will fail. A new version of this file is available on the Digital Web site on the Service and Support page and on the Digital BBS, under the file name TLPDIAG.EXE. Download this file and copy over the previous version of the file on Disk 1 of the Extended Vendor Test Disks (created from the disk images on the System Software CD). The Digital Web site is <http://www.windows.digital.com> The BBS phone number is (508) 496-8800.

Power Management on Windows NT Systems

Digital has added power management capability (Power Panel) to your Celebris FX-2 system running Windows NT Workstation. This provides many of the power management features found in Windows 95. CPU speed, hard disk and monitor are power managed in the Celebris FX-2. However, even though you have increased control over the operation of your computer, NT shutdown has not been changed and behaves as usual. When the shutdown icon is pressed, the operating system shuts down all application and then the operating system itself. When this is complete it displays the prompt: "It's now safe to turn off your computer." This is normal behavior and now requires the user to turn the power off.

Settings for Power Management on Windows 95 and Windows NT Systems

Digital has pre-installed a power management application (Power Panel) on your Celebris FX-2 system.

**** Windows 95 and Windows NT ****

Power management must be enabled in the BIOS.

(Enabled by default).

**** Windows 95 only ****

You must also allow Windows 95 to manage power on this computer. From the Windows 95 Control Panel, open Power. check the Appropriate box.

**** Windows 95 and Windows NT ****

The Power Panel application is pre-installed with two profiles.

To set system timers for a profile (represented by a toolbar button):

1. Right click on a button.
2. Select Open from the displayed menu.
3. Continue only if entries for System Standby and System Suspend timers are shown.
4. Click twice on a timer entry, then set the timer value.

To make a profile active:

1. Press its associated button.

To create additional profiles:

1. Right click on the Power Panel toolbar.
2. View help for further information.

Remote Network Wake-up

The Digital Celebris FX-2 shipped from the factory contains Remote Network Wake-up client software installed. The Remote Network Wake-up Console program, which can be installed on the network server, can be downloaded from the Digital web site (www.windows.digital.com). A user guide is provided which details the functionality of the console program. For further information on Remote Network Wake-up please See the System Reference and System Software guides which came with your PC.

ClientWORKS

ClientWORKS is Digital Equipment's latest DMI solution.

ClientWORKS contains the following new DMI features:

- *A new 32-bitMifMaker (MIFMKR32.EXE), which is a software extension that allows both the PolyCenter/AssetWORKS and Microsoft SMS environments for all Desktops products. This software extension enablesPolyCenter/AssetWORKS and Microsoft SMS to read DMI information and report DMI data to applications.
- An applet with the ClientWORKS browser that allows users to update some information reported by the ClientWORKS application to both local and remote users. You can start this applet by double clicking the

"Set ClientWORKS Information" icon. You can now enter your user name, phone number location, asset tag and chassis serial number. This information is stored for later retrieval either locally or remotely.

- REGISTRY.MIF, which allows the ClientWORKS browser to report information found in either the Windows 95 or Windows NT registry.

Before using ClientWORKS, be sure to read the ClientWORKS README.TXT in the ClientWORKS folder.

The following subsections discuss important information you should know about ClientWORKS.

Notes on the ClientWORKS Editor

In certain instances when accessing a remote node using the neighborhood version of the editor, you may find that selecting a node may take much longer than expected. This condition is normally due to processing taking place at the remote end. Eventually the remote node does respond.

When viewing a group that contains attributes that are listed as unsupported, the editor does not display the unsupported column. As a result, the attribute data aligns under the wrong heading. This problem does not exist in any of the supplied MIFs, but may occur if you install externally provided MIFs.

In certain situations, ill behaved instrumentation can hang the service layer causing the ClientWORKS browser to return an error. Thereafter, each time you access the service layer, the browser appears to browse forever. In this case, shutdown the browser and service layer manually by either rebooting (under Windows 95) or stopping and restarting the service layer (under Windows NT). Normal functionality is then restored. Make sure to note the group and attribute you were accessing when the error occurred and report it to the appropriate vendor.

Notes on Registry Instrumentation Initializer

If you select the Registry Instrumentation Initializer from the Digital grouping, the following message displays after the ClientWORKS Registry Instrumentation Initializer executes:

"Regci failure - The Registry MIF is not installed"

The message is not signifying a problem. You should read the ClientWORKS README.TXT in the ClientWORKS group. See the section on "Installing the Registry MIF."

Making ClientWORKS Data Visible through SNMP

ClientWORKS comes with SNMP subagents that make your computer visible to an SNMP console. Specifically, the ClientWORKS subagents provide HRMib support (RFC1514). Although these subagents are pre-installed, they are disabled in the factory installed software. Before you can enable them, you must first install TCP/IP, which is part of Windows 95.

To install TCP/IP, follow the Windows 95 help instructions for installing a network protocol. Once you have installed TCP/IP, you must install the Microsoft SNMP Master Agent as follows:

1. From Start, select Settings.
2. From Settings, select Control Panel.
3. From Control Panel, select Networks icon. The Network Property Sheets appears.
4. From the Configuration tab, click on Add. The Select Network Component Type dialog box appears.

5. Double-click on Service. The Select Network Service dialog box appears.
6. Click on Have Disk. The Install From Disk Dialog appears.
7. Type **C:\WINDOWS\OPTIONS\CABS**
Press OK. The Open dialog box appears.
8. Select Snmp.inf and click OK. The Install from Disk screen is displayed.
9. Choose OK and follow the instructions displayed on your screen.

Your system is now visible through a remote SNMP.

CD-ROM Drive Destinations

If your system came with a factory installed CD-ROM, the factory installed software sets the CD-ROM to drive D in Windows 95 and Windows NT.

Hardware Detection and Windows 95

When Hardware Detection is run during Windows 95 Setup, Windows 95 creates an "Unknown Device" if Power Management is turned OFF. Although you can remove the "Unknown Device," you can leave it without experiencing any problems.

PC Care (Windows 95 only)

When you run PC Care on Windows 95, you cannot minimize the tests. You can only minimize the current test.

Norton Diagnostics AHA-15x SCSI Card

Your system may hang or stop if you run the Norton Diagnostics program, NDIAGS.EXE version 8.0 for DOS with an AHA-154x SCSI card on your system. To avoid the problem, do not run NDIAGS.EXE if you have an AHA-154x installed. Alternatively, load the AHA-154x driver before running NDIAGS.EXE.

Changing the Boot Sequence

Some legacy (non Plug and Play) devices, such as SCSI hard drive controllers with bootable ROM installed, are able to gain control over the boot process and initiate a boot sequence of their own. In this case, there is no consistent way for the BIOS to regain control if the device fails to boot.

Memory Configurations

In the Memory Configurations table in Chapter 4 of the System Reference manual, it is stated that you may populate the DIMM sockets with two 64MB DIMMs and one 128MB DIMM to equal a total memory capacity of

256MB. This is incorrect. 256MB may only be achieved by using two 128MB DIMMs in sockets J7 and J6. Socket J5 must be left empty when installing 256MB of memory.

Two possible memory configurations were omitted from the table. These are:

| Socket J5 | Socket J6 | Socket J7 | Total |
|-----------|-----------|-----------|--------|
| 16 MB | 16 MB | 32 MB | 64 MB |
| 64 MB | 64 MB | 32 MB | 160 MB |

On page 4-5 in the System Reference manual, the table headings should read (from left to right) Socket J7, Socket J6, Socket J5.

Video Resolutions

In Appendix C, in the Video Resolution Modes table there is an entry for a Screen Resolution of 640x400 x 32 bits/pixel. This entry is incorrect and not supported. Please do not attempt to set your video to this mode.

Voltage Regulator Part Number for AMD

In Chapter 3 of the System Reference, "Inside Your Computer," a table exists containing part numbers for the required voltage regulator for specific processors. Please note that the correct part number for the AMD K6 166/200 MHz processor should be 54-25312-01.

German Acoustic Information

Venturis FX-2

Acoustics - Declared values per ISO 9296 and ISO 7779:

| Sound Power Level LwAd, B (operator position) | Sound Pressure Level LpAm, dBA |
|---|-----------------------------------|
|---|-----------------------------------|

| Product | Idle | Operate | Idle | Operate |
|---------|------|---------|------|---------|
|---------|------|---------|------|---------|

Venturis FX-2 5133, 5150, 5166, 5166MMX, 5200MMX Low Profile with:

| | | | | |
|--------------------|-----|-----|----|----|
| 0 x HDD | 4.9 | 4.9 | 41 | 41 |
| 1 x 1.2 GB IDE HDD | 5.0 | 5.2 | 41 | 42 |
| 1 x 2.1 GB IDE HDD | 5.0 | 5.1 | 42 | 42 |
| 1 x 3.2 GB IDE HDD | 5.0 | 5.1 | 42 | 42 |

Venturis FX-2 5150, 5166, 5166MMX, 5200MMX Short Tower with:

| | | | | |
|--------------------|-----|-----|----|----|
| 0 x HDD | 4.8 | 4.8 | 31 | 31 |
| 1 x 2.1 GB IDE HDD | 4.8 | 5.0 | 31 | 33 |
| 1 x 3.2 GB IDE HDD | 4.8 | 4.9 | 31 | 32 |

(Current values for specific configurations are available from Digital representatives. 1 B = 10dBA.)

Celebris FX-2

Acoustics - Preliminary declared values per ISO 9296 and ISO 7779:

| Product | Sound Power Level LwAd, B (operator position) | | Sound Pressure Level LpAm, dBA | |
|---|---|---------|-----------------------------------|---------|
| | Idle | Operate | Idle | Operate |
| Celebris FX-2 5166 LP, 5166M LP, 5200M LP with: | | | | |
| 0 x HDD | 4.8 | 4.8 | 36 | 36 |
| 1 x 2.1 GB IDE HDD | 4.8 | 5.0 | 37 | 40 |
| Celebris FX-2 5166M ST, 5200M ST with: | | | | |
| 0 x HDD | 4.2 | 4.2 | 27 | 27 |
| 1 x 3.2 GB IDE HDD | 4.3 | 4.7 | 28 | 33 |

(Current values for specific configurations are available from Digital representatives. 1 B = 10dBA.)

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