TB146 (Rev1) - Windows 98 Installation

Overview

Although not recommended or supported by Centroid, it is possible to install Windows 98 on a Centroid control, as long as it meets the minimum hardware requirements set by Windows.
During installation on a control that uses an Acrosser motherboard, certain software problems can occur. The condition is normally be indicated by "Blue Screens of Death", or the control locking up. This is caused because Windows will not install some of the hardware device driver files correctly, specifically the VMM32.VXD file. The problem can be resolved by manually extracting the files from your Windows 98 installation CD.

Testing:

You must first check to see if your system is using the correct driver files. The procedure for this is as follows:

1. From Windows go to **Start - Settings - Control Panel - System - Device Manager - System**
2. Highlight the **Properties** for **System Board** and select **Driver - Driver File Details**
3. If you see **C:\Windows\System\vmm32.vxd (configmg.vxd)** then your Windows installation is using the wrong file and you will need to follow the instructions below on extracting the correct one.
4. If the driver is correct it should read **C:\Windows\System\configmg.vxd**
Below is a complete list of all the drivers that may not be installed correctly:

Communication driver - **vcomm.vxd**
Video drive device - **vdd.vxd**
Video frame rate buffer virtual device - **vflatd.vxd**
DMA controller driver - **vdmad.vxd**
Mouse driver - **vmouse.vxd**
Motherboard configuration manager - **configmg.vxd**
Kernal driver for the universal host controller - **ntkern.vxd**

Solution

If you have determined that your machine is using the incorrect driver files, you must install the correct VXD files. These files will be located in the CAB files on the Windows 98 Install CD.
If you are running Windows 98 then the **configmg.vxd** file is in the **Win98_47** CAB file, and the rest are in the **Win98_48** CAB file. Under Windows 98 SE the files are in the **Win98_53** and **Win98_54** CAB files. All the CAB files are located in the **Win98** directory on the CD
To extract the files, simply right click on the files and select Extract. You will be prompted for the directory to extract them to. Extract all files to **C:\Windows\System**

Once all the files have been extracted you must reboot the machine. Upon restarting please check to ensure the correct VXD files are now being used.

If you do not have the Windows 98 CD, please contact Centroid Tech. Support and we can provide the needed VXD files.

Document History

Rev1 Created on *2002-06-28*