

# **Diamond Viper V330 Windows 95 Drivers with InControl Tools 95**

## **Release Notes**

This is the Diamond Viper V330 Windows 95 Display Drivers with InControl Tools 95 version 4.10.01.0127.

## **Windows95 Installation Notes**

1. Click the "Start" button, then choose "Run...". Now insert the Diamond Viper V330 Windows 95 Display Drivers into the appropriate drive and within the "Run" dialog box type the following: "x:\INSTALL" where x is the corresponding letter of the drive containing the Diamond Viper V330 Windows 95 Display Drivers.

The following command line switches can be used with INSTALL:

- |                 |   |
|-----------------|---|
| /f              | This forces a Full installation (Diamond Viper V330 Windows 95 Display Driver and InControl Tools 95).  |
| /m              | This forces a Minimal installation (Diamond Viper V330 Windows 95 Display Driver only).   |
| /d"drive:\path" | This installs InControl Tools 95 into drive:\path. Note that the quotes, drive letter and path are required. In addition, either the /f or /m switch must be used in conjunction with this selection. |
| /r              | This forces a system reboot after installation. Note that either the /f or /m switch must be used in conjunction with this selection.   |
| /nr             | This prevents a system reboot after installation. Note that either the /f or /m switch must be used in conjunction with this selection.   |
| /u              | This forces an Unattended installation. This has all of the functionality of a /f installation, but does not launch the setup wizard after the system reboots.  |
| uninstall       | This will completely uninstall the Diamond Viper V330 Windows 95 Display Driver and InControl Tools 95.   |

2. Once the Diamond Setup Wizard dialog box appears you will be able to review the Readme file or continue on with the installation by selecting "Next".
3. The Setup Wizard will now check for Diamond components installed in your computer. Click "Next" to proceed.
4. A dialog box will appear containing the path where InControl Tools 95 will be installed. The default path is:

"C:\Program Files\Diamond"

Select "Next" or change the path as necessary.

5. The next dialog box selects the installation type. There are three installation types: Minimal, Full and Custom. They are defined as follows:

Minimal: This will install only the Diamond Viper V330 Display Driver.

Full: This will install both the Diamond Viper V330 Display Driver and InControl Tools 95.

Custom: This will allow installation of either the Diamond Viper V330 Display Driver or InControl Tools 95. At the minimum, the Diamond Viper V330 Display Driver must be installed during a first-time installation.

6. If "Custom" was selected in step 5, a dialog box will appear allowing the selection of various items. Select the items to be installed by clicking on them with the left mouse button. When finished, click "Next" to continue.
7. At the "Select Files to be copied" dialog box, click "Next" to begin the file copying process.
8. After the files have been copied you will want to click "Finish" in order to complete the installation. Note: If applicable, please remove the floppy diskette containing the Diamond Viper V330 Display Drivers prior to clicking "Finish".
9. Windows 95 will ask that the computer be restarted. Click on "Yes" to restart the computer.
10. Once Windows 95 restarts, you will have successfully installed the software for your Diamond Viper V330. The InControl Tools 95 Wizard will then guide you the rest of the way. Thank you for choosing Diamond!

### **Installation Notes**

These drivers require the latest version of DirectX 5 to support Direct Draw and Direct3D applications.

### **Known Limitations**

The NVidia Riva 128 chip used on the Diamond Viper V330 requires an IRQ to function correctly. If no IRQ has been assigned to the card by the motherboard BIOS you may experience symptoms such as windows not booting, or extremely poor performance. The symptoms mostly involve error messages such as "While initializing device, VDD. Windows Protection Error. You must restart your computer." and "While initializing device, NVRM. Windows Protection Error. You must restart your computer." Some motherboard BIOS' allow for an option to "Assign IRQ for VGA". Often times the latest BIOS will also resolve this problem. To correct the problem: Boot into the BIOS setup; Look for an option to enable IRQ for VGA (may be in chipset features or PnP configuration) and set it to enabled or on; Reboot the system and it should bypass the error. For further information please contact your motherboard manufacturer.

When running the DXSETUP.EXE program (which comes with Microsoft's DirectX application), the version of the Primary Display Driver will incorrectly be displayed as: 0.00.00.0000. This is an issue with the DXSETUP program. To get the correct driver information, run the DXINFO.EXE program from within the same directory that DXSETUP.EXE is found (on our CD the directory is DirectX\DirectX5\DirectX).

Simultaneous output to a TV and a computer monitor is not supported. To enable output to a TV, disconnect the monitor cable from the Viper card, attach a TV cable and restart your system.

Duke Nukem fails to enumerate available VESA 2.0 modes. This allows you to select modes which are unsupported, such as 320x400.

Shiny Entertainment's game MDK doesn't handle [CTRL-ESC] task switching to the desktop properly when in D3D mode. This can cause application or illegal operation errors when attempting to do this.

## **Issues Addressed and Features Added**

OpenGL for Windows 95 added.

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