NEXTSTEP for Intel Processors Release 3.3
Display Driver Overview

Driver: Weitek Power 9000
Driver Overview: NeXTanswer #1815
Last Update: March 25, 1996

Availability Information

A version of this driver is on the CDROM
Newer Released Driver in NeXTanswers: No, Version 0.00, as NeXTanswer #
Newer Beta Driver in NeXTanswers: No, Version 0.00, as NeXTanswer #

Driver Name / Installer .pkg: WeitekP9000
Driver Type: Display
Driver Scope: Generic-Chipset
Supported Components: Weitek P9000
PC Bus / Interface Supported by Driver*: PCI, VL-Bus

General Overview notes: This driver supports display implementations base on the Weitek P9000, such as the Diamond Viper.

Supported Products / Add-on Adapters:
Diamond Viper (PCI)
Diamond Viper (VL-Bus)
Genoa VideoBlitz 9200-VL (VL-Bus) - not tested, but should work

Supported Products / Systems (ie integrated into PC System):

Special Features of Driver / Driver Notes:

Display Driver Details

Supported Connectors: 15-pin High Density (VGA)
Access Mode: Linear Framebuffer
Adapter Memory: 1MB VRAM, 2MB VRAM

Display Modes (Number in () after resolution indicates frame buffer size required)

32 Bit Color Modes*:
640x480 (2MB+), 800x600 (2MB+)

16 Bit Color Modes*:
1024x768 (2MB+), 1152x900 (2MB+), 800x600 (1MB+)

8 Bit Color / Greyscale Modes*:
1024x768 (1MB+), 1152x900 (1MB+), 1280x1024 (2MB+), 800x600 (1MB+)

Known Problems

If you get Weitek P9000 unable to reserve framebuffer address 0x80000000 and it boots up in standard VGA mode. Change the mapped memory address in the Configure.app to 0xA0000000.

Driver Version Notes

Future Planning

Future / Update Planning:
Reason for New Driver / Update:
New Driver / Update Timeframe:

New Driver / Update Description:

Note: Information contained in the "Future Planning" section of this document does not constitute a commitment on the part of NeXT to complete the planned development work.

* - Indicates information that is inclusive of the entire capability of this driver. Not all devices supported by this driver may include all features listed. Check any available NeXTanswers and the hardware manual for the device for additional information.

Product Vendor