NEXTSTEP for Intel Processors Release 3.3
Display Driver Overview

Driver: HP Vectra XU Display
Driver Overview: NeXTanswer #1910
Last Update: June 24, 1996

Availability Information

Newer Released Driver in NeXTanswers*:   No, Version 0.00, as NeXTanswer #
Newer Beta Driver in NeXTanswers*:   Yes, Version 3.30, as NeXTanswer #1911

Driver Name / Installer .pkg:
Driver Type: Display
Driver Scope: Specific Product
Supported Components: AT&T ATT21C498 RAMDAC, S3 864 (Vision), STG 170x
PC Bus / Interface Supported by Driver**: Integrated

General Overview notes: This graphics driver is designed to support the on-board graphics controller of the Hewlett Packard Vectra XU series. The on-board graphics controller is based on the S3-864 chipset and supports 2MB of DRAM.

Supported Products / Add-on Adapters:

Supported Products / Systems (ie integrated into PC System):
HP Vectra/XU S3/864 on-board video

Special Features of Driver / Driver Notes:

Display Driver Details

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

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+), 640x480 (1MB+), 800x600 (1MB+)

8 Bit Color / Greyscale Modes**:
1024x768 (1MB+), 1280x1024 (2MB+), 640X480 (1MB+), 800x600 (1MB+)

Known Problems

Due to ongoing development and testing of OPENSTEP 4.0, the beta version (v3.30) of this driver will neither be tested on NEXTSTEP 3.3 nor upgraded to "Released" status.

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.

* - Any NeXTanswer number that is blank indicates that a driver will not be released for this version of NEXTSTEP.

** - 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.

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