NEXTSTEP for Intel Processors Release 3.3

Display Driver Overview

Driver: STB Pegasus
Driver Overview: NeXTanswer #1812
Last Update: February 21, 1996

Availability Information

A version of this driver is on the CDROM
Newer Released Driver in NeXTanswers: Yes, Version 3.31, as NeXTanswer #2096
Newer Beta Driver in NeXTanswers: No, Version 0.00, as NeXTanswer #2097

Driver Name / Installer .pkg: PegasusDisplayDriver
Driver Type: Display
Driver Scope: Product Family
Supported Components: AT&T ATT20C505 RAMDAC, Brooktree Bt485A RAMDAC, S3 928
PC Bus / Interface Supported by Driver*: VL-Bus

General Overview notes: The STB Pegasus-VL graphics driver is designed to support the VL-Bus version of the Pegasus graphics adapter from STB. This card uses the S3-928 graphics controller and supports 1MB,2MB or 4MB of video frame buffer. This version of the driver only supports1MB, 2MB or 4MB of VRAM.

Supported Products / Add-on Adapters:
STB Pegasus (VL-Bus, 4MB VRAM)
STB Pegasus (VL-Bus, 2MB VRAM)

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

Special Features of Driver / Driver Notes:
This device driver provides information in the Configure application's help panel. Choose Info>Help from the Configure menu and scroll down to find this device driver's help topic.

Display Driver Details

Supported Connectors: 15-pin High Density (VGA)

Access Mode: Linear Framebuffer
Adapter Memory: 2MB VRAM, 4MB VRAM

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

32 Bit Color Modes*:
1024x768 (4MB+), 640x480 (2MB+), 800x600 (2MB+)

16 Bit Color Modes*:
1024x768 (2MB+), 1152X819 (4MB+), 1280x1024 (4MB+), 1600x1200 (4MB+), 640x480 (1MB+), 800x600 (1MB+)

8 Bit Color / Greyscale Modes*:
1024x768 (1MB+), 1152X819 (1MB+), 1280x1024 (2MB+), 800x600 (1MB+)

Known Problems

Version 3.31 of this driver is named differently than version 3.30 which shipped on the NEXTSTEP3.3 CD-ROM. Installing the newer version will leave both drivers co-resident, so both versions will be visible in Configure.app. Remove any instances of the older version and replace them with instances of the newer driver.

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

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