OPENSTEP for Mach Intel Processors Release 4.x
Display Driver Overview

Driver: Number Nine Imagine128
Driver Overview: NeXTanswer #2349
Last Update: July 12, 1996

Availability Information

A version of this driver is on the CDROM
Newer Released Driver in NeXTanswers*:   No, Version 0.00, as NeXTanswer #2351
Newer Beta Driver in NeXTanswers*:   No, Version 0.00, as NeXTanswer #2350

Driver Name / Installer .pkg: Number9Imagine128DisplayDriver
Driver Type: Display
Driver Scope: Product Family
Supported Components: Number9 Imagine, TI TVP3026-175 RAMDAC, TI TVP3026-220 RAMDAC
PC Bus / Interface Supported by Driver:** PCI

General Overview notes: This driver includes support for multi-headed displays and supports 4MB and 8MB configurations.

Supported Products / Add-on Adapters:
Number9 Imagine 128 (PCI) (NB128-V2-P)

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, 8MB VRAM

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

32 Bit Color Modes:**
1024x768 (4MB+), 1152x864 (4MB+), 1600x1200(8MB+), 640x480 (2MB+), 800x600 (2MB+)

16 Bit Color Modes:**
1024x768 (2MB+), 1152x864 (2MB+), 1280x1024 (4MB+), 1600x1200 (4MB+), 640x480 (1MB+), 800x600 (1MB+)

8 Bit Color / Greyscale Modes:**
1024x768 (1MB+), 1152X864 (1MB+), 1280x1024 (2MB+), 1600x1200 (4MB+), 640X480 (1MB+), 800x600 (1MB+)

Known Problems

Some PCI machines will not start up if there is more than one Number Nine Imagine128 display adpter present. This is a BIOS limitation.

Version 4.00 of this driver does not support the Series 2 Imagine 128 display adapters.   A new version of this driver is being developed that will provide support for the Series 2 family.

Driver Version Notes

3.30 - Initial Version - released only as beta
3.31 - Fixed minor bug that caused RAMDAC speed to be mis-read
4.00 - Released on OPENSTEP 4.0 User CD-ROM

Future Planning

Future / Update Planning: Under Development
Reason for New Driver / Update: New Hardware Support
New Driver / Update Timeframe: Q3 96

New Driver / Update Description:
This driver is being updated to support the Series 2 Imagine 128 display adapters.

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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