

NEXTSTEP for Intel Processors Release 3.3

Display Driver Overview

Driver: Diamond Stealth

Current Availability: Released

Driver Location (if not on CDROM): NeXTanswer #1939

Driver Overview: NeXTanswer #1941

Last Update: July 13 1995

Driver Name / Installer .pkg: DiamondStealthDisplayDriver

Driver Type: Display

Driver Scope: Product Family

Component Supported: S3968

Component Manufacturer: S3

PC Bus / Interface Supported by Driver*: PCI, VLB

General Overview notes: This graphics driver is designed to support the VL-Bus & PCI versions of the Stealth 64 Graphics adapters from Diamond Computer Corp. These cards are based on the or S3-968, S3-868 or S3-Trio graphics controller chipsets and support 2MB or 4 MB of RAM.

This driver replaces the older Diamond Stealth64 driver.

Supported Products / Add-on Adapters:

Diamond Stealth 64 DRAM PCI-Bus Display Adapter

Diamond Stealth 64 DRAM VL-Bus Display Adapter

Diamond Stealth 64 Video PCI-Bus Display Adapter

Diamond Stealth 64 Video VL-Bus Display Adapter

Diamond Stealth 64 VRAM PCI-Bus Display Adapter

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

Special Features of Driver / Driver Notes:

This driver does not support gamma correction in 16 and 24 bit modes. This results in a somewhat dim screen when using 16 bits per pixel. Also, in these modes the brightness slider in preferences is inoperative.

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

Frame Buffer Sizes Supported*: 1MB DRAM, 1MB VRAM, 2MB DRAM, 2MB VRAM, 4MB VRAM

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

32 Bit Color Modes*:

1024x768 (4MB+), 1152x864 (4MB+), 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 (2MB+), 640x480 (1MB+), 800x600 (1MB+)

Supported RAMDAC's*:

Additional Display Driver Notes:

Known Problems

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