

# 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