

# NEXTSTEP for Intel Processors Release 3.3

## Display Driver Overview

**Driver:** Cirrus Logic GD5434

**Current Availability:** Beta

**NeXTanswers Driver #:** 1707\_CirrusLogicGD5434DisplayDriver.pkg.compressed

**NeXTanswers Overview #:** 1818

**Last Update:** 15 December 94

**Driver Name / Installer .pkg:** CirrusLogicGD5434DisplayDriver.config

**Driver Type:** Display

**Driver Scope:** Generic-Chipset

**Component Supported:** GD5434

**Component Manufacturer:** Cirrus Logic

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

**Supported Products / Add-on Adapters:**

Diamond SpeedStar 64 (PCI)

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

Elonex WS4100

Intel Premier (with integrated GD5434)

**Special Features of Driver / Driver Notes:** Because this chip has an integrated RAMDAC with only an 8 bit palette, Preferences's Brightness slider (and hardware gamma correction in general) doesn't work for any non-8 bit modes. Also the 32-bit colors look dark. There is no fix for these problems.

## Display Driver Details

**Frame Buffer Sizes Supported\*:** 1MB VRAM, 2MB VRAM

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+), 1152x864 (2MB+), 800x600 (1MB+)

**8 Bit Color / Greyscale Modes\*:**

1024x768 (1MB+), 1152X864 (1MB+), 1280x1024 (2MB+), 800x600 (1MB+)

**Supported RAMDAC's\*:**

Integrated

Known Problems

*None*

Future Planning

**Future / Update Planning:** Under Development

**Reason for New Driver / Update:** New Driver

**New Driver / Update Timeframe:** Q1 95

**New Driver / Update Description:** Adding PCI Auto-Detect & Auto-Configure functionality and 8 bit color modes

**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.