NEXTSTEP for Intel Processors Release 3.3
Display Driver Overview

Driver: Cirrus Logic GD5434
Current Availability: Released
Driver Location (if not on CDROM): NeXTanswer #1707
Driver Overview: NeXTanswer #1818
Last Update: July 18 1995

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

General Overview notes: This driver is intended to support on-board implementations of GD5434 as well as add-on adapters.

Supported Products / Add-on Adapters:
Diamond SpeedStar 64 (PCI)
Orchid Kelvin 64 (with GD5434)

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.

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 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+), 1280x1024 (2MB+), 800x600 (1MB+)

Supported RAMDAC's*:
Integrated

Additional Display Driver Notes:

Known Problems

Cirrus Logic GD5430 is not supported by this driver but is reported to work.

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