NEXTSTEP for Intel Processors Release 3.3
Display Driver Overview

Driver: ATI Mach32
Current Availability: Beta
NeXTanswers Driver #: 1704_ATIMach32DisplayDriver.pkg.compressed
NeXTanswers Overview #: 1817
Last Update: 15 December 94

Driver Name / Installer .pkg: ATIMach32DisplayDriver.config
Driver Type: Display
Driver Scope: Generic-Chipset
Component Supported: Mach32 (68800)
Component Manufacturer: ATI
PC Bus / Interface Supported by Driver*: Custom LB, EISA, PCI, VLB

Supported Products / Add-on Adapters:
ATI Graphics Ultra Pro - EISA (with 2MB VRAM)
ATI Graphics Ultra Pro - PCI (with 2MB VRAM)
ATI Graphics Ultra Pro - VL-Bus (with 2MB VRAM)
ATI Graphics Ultra Pro XLR - VL-Bus (with 2MB DRAM)
ATI Graphics Ultra Pro XLR - PCI (with 2MB DRAM)

Supported Products / Systems (ie integrated into PC System):
Intel GX/Pro (Custom LocalBus, onboard ATI, TI 34075 RAMDAC)
Data General Dasher DE2 (Custom LocalBus, TI 34075 RAMDAC)
AST Premmia 4D (Custom LocalBus, onboard ATI, BT 481 RAMDAC)
Gateway V Series (VESA LocalBus, ATI 68875 RAMDAC)

Special Features of Driver / Driver Notes:

Display Driver Details

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

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

32 Bit Color Modes*:

16 Bit Color Modes*:
1024x768 (2MB+), 1120x832 (2MB+), 800x600 (1MB+)

8 Bit Color / Greyscale Modes*:
1024x768 (1MB+), 1120x832 (1MB+), 1280x1024 (2MB+), 800x600 (1MB+)

Supported RAMDAC's*:
AT&T 20C491, ATI 68830, ATI 68875, BT 481, BT 485

Known Problems

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Future Planning

Future / Update Planning: Under Development
Reason for New Driver / Update: New Hardware Support
New Driver / Update Timeframe: Q4 94

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.