

# NEXTSTEP for Intel Processors Release 3.3

## Display Driver Overview

**Driver:** ATI Rage

**Driver Overview:** NeXTanswer #2547

**Last Update:** February 10, 1998

## Availability Information

**Newer Released Driver in NeXTanswers\*:** No, Version 0.00, as NeXTanswer #

**Newer Beta Driver in NeXTanswers\*:** Yes, Version 3.32, as NeXTanswer #2057

**Driver Name / Installer .pkg:** ATIRageDisplayDriver

**Driver Type:** Display

**Driver Scope:** Generic-Chipset

**Supported Components:** ATI 3D Rage, ATI 3D Rage II, ATI 3D Rage II+, ATI 3D Rage Pro

**PC Bus / Interface Supported by Driver\*\*:** AGP, Integrated, PCI

**General Overview notes:** This new graphics driver is designed to support a variety of graphics adapters based on the ATI 3D Rage, Rage II and Rage Pro graphics controller. This driver supports a variety of configurations including high-resolution and high-color (32bit) modes and several frame buffer configurations.

## Supported Products / Add-on Adapters:

ATI All-In-Wonder

ATI 3D Pro Turbo

ATI 3D Pro Turbo PC2TV

ATI 3D Xpression+

ATI 3D Xpression+ PC2TV

ATI XPERT @ Work

ATI XPERT @ Play

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

**Special Features of Driver / Driver Notes:**

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**

**Supported Connectors:** 15-pin High Density (VGA)

**Access Mode:** Linear Framebuffer

**Adapter Memory:** 2MB DRAM, 2MB VRAM, 4MB DRAM, 4MB VRAM, 6MB VRAM, 8MB VRAM

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

**32 Bit Color Modes\*\*:**

1152x864 (4MB+), 1280x1024(4MB+), 1600x1200(8MB+), 640x480 (4MB+), 800x600 (4MB+)

**16 Bit Color Modes\*\*:**

1024x768 (2MB+), 1152x896 (2MB+), 1280x1024 (4MB+), 1600x1200 (4MB+), 640x480 (1MB+), 800x600 (1MB+)

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

1024x768 (1MB+), 1152x896 (1MB+), 1280x1024 (2MB+), 1600x1200 (2MB+), 640X480 (1MB+), 800x600 (1MB+)

**Known Problems**

**Driver Version Notes**

3.33 Added support for additional hardware

3.34 Added support for ATI 68860 Rev C and ST1703 RAMDACs.  
3.36 Beta - Driver rewritten to call Adapter's BIOS to switch modes.  
3.37 First Released version that uses the Adapter's BIOS - should be robust to RAMDAC changes.

## Future Planning

### **Future / Update Planning:**

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

**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.

\* - Any NeXTanswer number that is blank indicates that a driver will not be released for this version of NEXTSTEP.

\*\* - 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

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