

# NEXTSTEP for Intel Processors Release 3.3

## Display Driver Overview

**Driver:** Trident Generic

**Driver Overview:** NeXTanswer #2104

**Last Update:** April 23, 1997

## Availability Information

**Newer Released Driver in NeXTanswers\*:** No, Version 0.00, as NeXTanswer #2096

**Newer Beta Driver in NeXTanswers\*:** Yes, Version 3.30, as NeXTanswer #2106

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

**Driver Type:** Display

**Driver Scope:** Generic-Chipset

**Supported Components:** Trident TGUI9440, Trident TGUI9680, Universal RAMDAC

**PC Bus / Interface Supported by Driver\*\*:** PCI

**General Overview notes:** This driver will support a variety of video display devices based on Trident 9xxx chipsets.

NeXT does not guarantee that this driver will work with any specific adapters or implementations, but expects that it will support many.

### Supported Products / Add-on Adapters:

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

This driver will not support the built-in display on IBM Thinkpad 760CD.

### 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:** 1MB DRAM, 2MB DRAM

**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+), 640x480 (1MB+), 800x600 (1MB+)

**8 Bit Color / Greyscale Modes\*\*:**  
1024x768 (1MB+), 1280x1024 (2MB+), 640X480 (1MB+), 800x600 (1MB+)

## Known Problems

Due to ongoing development and testing of OPENSTEP 4.0, the beta version (v3.30) of this driver will neither be tested on NEXTSTEP 3.3 nor upgraded to "Released" status.

## Driver Version Notes

3.30 Original version, supports 9440 and 9680 based adapters.

## 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.

- \* - 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

Trident Microsystems Inc.  
189 N. Bernardo Avenue  
Mountain View, CA 94043-5203  
USA

+1 (415) 691 9211 international phone number  
+1 (415) 691 9260 fax