

NEXTSTEP for Intel Processors Release 3.3

Display Driver Overview

Driver: Matrox MGA Millennium

Driver Overview: NeXTanswer #1974

Last Update: June 24, 1996

Availability Information

Newer Released Driver in NeXTanswers*: Yes, Version 3.30, as NeXTanswer #1975

Newer Beta Driver in NeXTanswers*: Yes, Version 3.31, as NeXTanswer #2141

Driver Name / Installer .pkg: MatroxMGA2064WDisplayDriver

Driver Type: Display

Driver Scope: Specific Product

Supported Components: Matrox MGA2064W (Storm), TI TVP3026 RAMDAC

PC Bus / Interface Supported by Driver:** PCI

General Overview notes: This graphics driver is designed to support the MGA Millennium Graphics adapters from Matrox Graphics Inc. It may also support other adapters based on the MGA 2064W Graphics controller chipset from Matrox.

This driver supports the use of 2MB or 4MB of WRAM.

Supported Products / Add-on Adapters:

Matrox MGA Millennium

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 WRAM, 4MB WRAM

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

32 Bit Color Modes:**

1024x768 (4MB+), 1152x864 (4MB+), 640x480 (2MB+), 800x600 (4MB+)

16 Bit Color Modes:**

1024x768 (2MB+), 1152x864 (2MB+), 1280x1024 (4MB+), 1600x1200 (4MB+), 640x480 (1MB+), 800x600 (1MB+)

8 Bit Color / Greyscale Modes:**

1024x768 (1MB+), 1152x864 (1MB+), 1280x1024 (2MB+), 1600x1200 (2MB+), 640x480 (1MB+), 800x600 (1MB+)

Known Problems

Due to ongoing development and testing of OPENSTEP 4.0, the beta version (v3.31) of this driver will neither be tested on NEXTSTEP 3.3 nor upgraded to "Released" status.

Driver Version Notes

3.30 - Initial Release of this Driver

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

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