

NEXTSTEP for Intel Processors Release 3.3

Display Driver Overview

Driver: Number Nine Motion331

Driver Overview: NeXTanswer #2120

Last Update: April 23, 1997

Availability Information

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

Newer Beta Driver in NeXTanswers*: Yes, Version 3.30, as NeXTanswer #2122

Driver Name / Installer .pkg: Number9Motion331DisplayDriver

Driver Type: Display

Driver Scope: Specific Product

Supported Components: S3 764 (Trio64V+)

PC Bus / Interface Supported by Driver:** PCI

General Overview notes: This driver supports both 1MB & 2MB versions of the Number Nine MotionFX 331 display adapter.

Supported Products / Add-on Adapters:

Number Nine 9FX Motion 331 1MB PCI (NB9-FX1-331-1P)

Number Nine 9FX Motion 331 2MB PCI (NB9-FX1-331-2P)

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

Special Features of Driver / Driver Notes:

This adapter is not recommended for applications requiring 32 bit color; 32 bit modes will appear dim because the hardware does not implement gamma correction.

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+), 1152X864 (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 - First version of the driver supports 1MB/2MB PCI models using the S3/Trio64V+

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.

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