

NEXTSTEP for Intel Processors Release 3.3

Display Driver Overview

Driver: Number Nine Motion771

Driver Overview: NeXTanswer #2113

Last Update: April 4, 1996

Availability Information

Newer Released Driver in NeXTanswers: Yes, Version 3.30, as NeXTanswer #2114

Newer Beta Driver in NeXTanswers: No, Version 0.00, as NeXTanswer #2115

Driver Name / Installer .pkg: Number9Motion771DisplayDriver

Driver Type: Display

Driver Scope: Specific Product

Supported Components: IBM RGB524 RAMDAC, S3 968 (Vision)

PC Bus / Interface Supported by Driver*: PCI, VL-Bus

General Overview notes: This driver supports both 2MB & 4MB versions of the Number Nine MotionFX 771 display adapter. Both PCI & VL-Bus models are supported

Supported Products / Add-on Adapters:

Number Nine 9FX Motion 771 2MB PCI (NB9FX2-771-2P)

Number Nine 9FX Motion 771 4MB PCI (NB9FX2-771-4P)

Number Nine 9FX Motion 771 2MB VL-Bus (NB9FX2-771-2VL)

Number Nine 9FX Motion 771 4MB VL-Bus (NB9FX2-771-4VL)

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 VRAM, 4MB VRAM

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

32 Bit Color Modes*:

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

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

Driver Version Notes

3.30 - First version of the driver supports 2MB/4MB PCI/VL models using the S3/968 & IBM RGB524 RAMDAC.

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.

* - 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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