Number9 Motion 331 Display Adapter

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Display Devices

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Supported Hardware: This device driver is designed to support the following models in the Number9 9FX Motion 331 Display Adapter family:

- · 9FX Motion 331 PCI / 1MB (NB9FX1-331-1P)
- · 9FX Motion 331 PCI / 2MB (NB9FX1-331-2P)

Supported Resolutions:

This driver supports the following display modes when 1 MB of DRAM are installed.

8-bit Color	16-bit Color
640x480 60, 72, 75, 85 Hz	640x480 60, 72, 75, 85 Hz
800x600 60, 72, 75, 85 Hz	800x600 60, 72, 75, 85 Hz
1024x768 60, 70, 75, 85 Hz	
1152x864 60, 72, 75, 85 Hz	

The driver supports the following display modes when 2 MB of DRAM are installed.

8-bit Color	16-bit Color	32-bit color
640x480 60, 72, 75, 85 Hz	640x480 60, 72, 75, 85 Hz	640x480 60, 72, 75, 85 Hz
800x600 60, 72, 75, 85 Hz	800x600 60, 72, 75, 85 Hz	800x600 60, 72, 75 Hz
1024x768 60, 70, 75, 85 Hz	1024x768 60, 70, 75 Hz	
1152x864 60, 72, 75, 85 Hz		
1280x1024 60, 72, 75 Hz		

Note: The Motion331 display adapter family does not support gamma correction in 16-bit and 32-bit modes.   All 32-bit modes appear dim, and the Brightness slider in the Preferences app does not work for 16-bit and 32-bit modes. This behavior is due to the absence of a feature on the adapter itself; no software work around is available.

Note: This driver makes use of the display adapter's on-board BIOS to switch modes.   For this reason, refresh rates and other timing parameters may vary slightly between different BIOS versions.   If you are having difficulty with specific modes, you should first make sure your board has the latest BIOS version installed.

Supported Displays: NeXT designs and tests its display adapter device drivers using very high frequency displays that can support

display modes with very high resolutions and non-interlaced refresh rates, such as the NEC 5FG, NEC 6FG, and Nokia Multigraph 445X. Read the owner's guide that comes with your display to ensure it can support the display mode you set in Configure.

Warning: If you plan to change display adapters, be sure to use the Configure application to change the display driver to Default VGA Adapter before you remove the old display adapter (see NeXTanswer 1824 for details on changing display adapters).

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See also

· "Add a Device" in Configure's on-line help.

· See NeXTanswer 1824 for general information on installing and configuring device drivers.

· See NeXTanswer 1002 Intel Hardware Compatibility Guide for OPENSTEP for Mach Release 4.0.

· For more information, see NeXTanswers' Drivers section:

World Wide Web	www.next.com/NeXTanswers
Email	NeXTanswers@next.com
FTP	ftp.next.com
BBS	(415) 780 2965 and log in as guest, ? for help
Email if you have trouble	NeXTanswers-request@next.com