NVIDIA 3D Vision on Quadro Professional Graphics Boards

NVIDIA® Quadro® professional graphics boards support many stereo display solutions and Quad Buffered OpenGL applications, including NVIDIA 3D Vision glasses and displays. Support for NVIDIA 3D Vision is available on Windows XP, Vista and 7 both 32 and 64 bit versions.

Supported Boards

Recommended: Professional, flicker free, stereo with a direct connection between the stereo connector on the board to the 3D Vision emitter

Quadro FX 5800
Quadro FX 4800
Quadro FX 3800– with stereo connector
Quadro FX 5600
Quadro FX 4700 X2
Quadro FX 4600
Quadro FX 3700

Glasses are controlled through USB, occasional flickering of the glasses may occur

Quadro FX 1800 – VBIOS must be 62.94.71.00.00 or newer, contact your board provider if you need an update
Quadro FX 580 - VBIOS must be 62.94.71.00.00 or newer, contact your board provider if you need an update
Quadro FX 380
Quadro FX 1700
Quadro FX 570
Quadro FX 370

Supported displays are listed here.

Installation

Download and install the R186.16 (or newer) driver

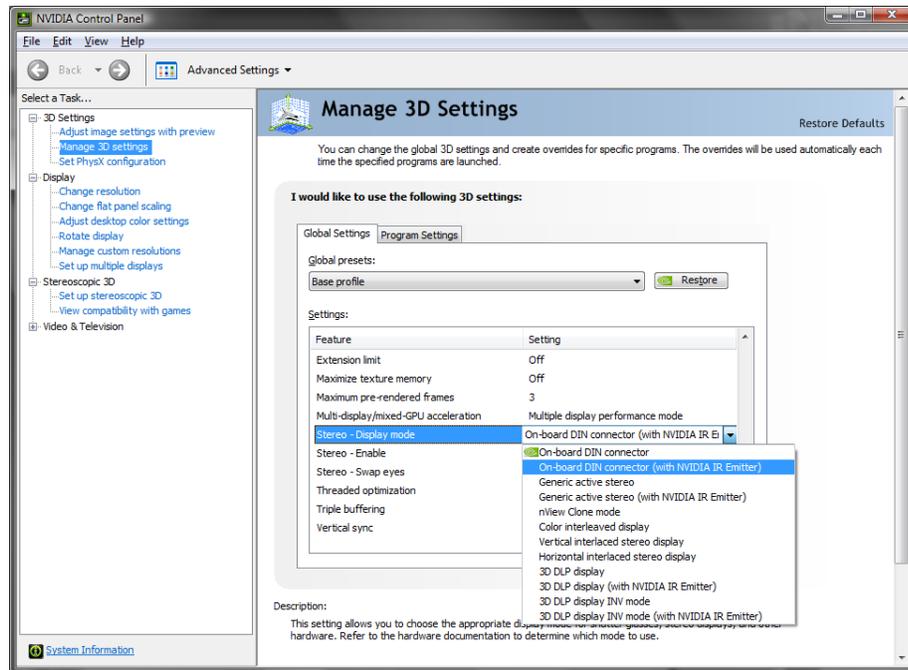Download and install the 3D Vision USB Driver for 3D Vision glasses:

Windows Vista 32/64 and Windows 7 32/64

XP 32/64 driver *coming soon*

For Quadro boards with a stereo connector, you can use the 3-pin mini-din to 1/8" stereo cable that comes with your 3D Vision kit to connect the graphics board to the emitter. This cable provides a direct connection from the GPU to the glasses to make sure they are switching at the correct time.

Configuration

Open the NVIDIA Control Panel and enable the OpenGL stereo display method in the "Manage 3D Settings" tab:

If you are connecting to a 3D Vision certified LCD, Projector or CRT:

>   For boards with the stereo connector, select "On-board DIN connector (with NVIDIA IR Emitter)" and plug in the 3 pin mini-din to 1/8" stereo cable that came with your 3D Vision glasses kit
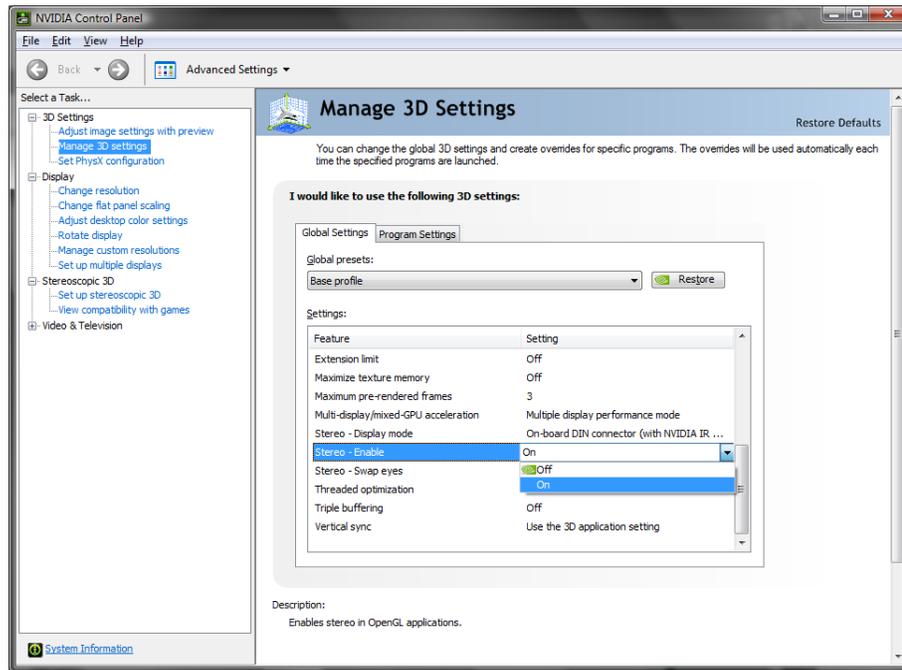
>   For boards without the mini-din select "Generic Active Stereo (with NVIDIA IR Emitter)"

>   Note: If using a 120Hz LCD, make sure the display refresh rate is set at 110Hz or 120Hz.

If you are connecting to a 3D Vision certified 3D capable DLP TV:

>   Select "3D DLP Display (with NVIDIA IR Emitter)"

Turn on stereo under the Stereo-Enable entry

On Vista/Win7 Verify that the 3D Stereoscopic Driver is turned off: