

How to Connect PC with NVIDIA GeForce to Samsung 3D TV

When connecting your NVIDIA GeForce graphics card to Samsung 3D TV at the first time

Step-by-step guide

Connecting hardware

Connect your graphics card of the PC to Samsung 3D TV by HDMI cable (if it's necessary use HDMI-to-DVI or HDMI-to-DisplayPort adapters). Please make your TV as primary display.

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Installing software

1. Please install latest drivers for your NVIDIA product. You can download it from here, by selecting your model of the graphics card from list: <http://www.nvidia.com/Download/index.aspx?lang=en-us>;
2. Install latest version of the OctoNus Stereo Viewer.

Settings in the NVIDIA Control Panel

1. Enable stereoscopic 3D. NVIDIA Control Panel > Stereoscopic 3D > Set Up Stereoscopic 3D, set Enable Stereoscopic 3D check, and press Apply button.

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If after that the Setup Wizard has been started, follow the step by step instructions of the wizard.

If you have 3DTV Play software installed on your computer, the configuration window will look like this:

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Otherwise it will be as follows:

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Note: If you want, you can buy NVIDIA 3DTV Play for \$39.99 [here](#), but it's not necessary. But use of 3DTV Play software will provide better quality of the stereo image (higher resolution).

2. Change display resolution and refresh rate. NVIDIA Control Panel > Display > Change Resolution, select the maximum supported resolution on the HD 3D list (usually 1920x1080 – Full HD) and the maximum supported refresh rate for this screen resolution (Refresh Rate list).

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Settings in the OctoNus Stereo Viewer

1. Run the OSV, open a stereo movie and check player settings:
 - a. Set frame rate to desired FPS (usually 15 or 20 fps);
 - b. Set Round check for looped playback;
 - c. Set "Graphics Driver" stereo mode;
 - d. Set the split type (for Digital Microscope stereo movies use Side by Side (Left First));
 - e. Set Frame Distance for comfortable viewing of stereo (for Digital Microscope movies set it to zero);
 - f. Press OK.

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Please start playback by Play button and Toggle Stereo On. If you did everything correctly, the movie is played back in stereo immediately or you'll see on the TV screen left and right viewpoints side-by-side like this:

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You should set Side by Side split type on your 3D Smart TV by 3D Mode button on the remote control.

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If the OctoNus Stereo Viewer hasn't switched to full screen mode by Toggle Stereo On, you need to run it with the key -DX for forced rendering by DirectX:

- a. Right mouse button click on OSV shortcut and select Properties;

b. Write -DX at the end of the Target text box, separating it from the rest text by whitespace like this:

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c. Press OK. Now you should run the OSV by this shortcut.

Related articles

- [System Requirements and Setup](#)
- [How to Enable Windowed Stereo for NVIDIA Quadro \(active shutter glasses\)](#)
- [How to Enable NVIDIA 3D Vision Stereo](#)
- [How to Enable Half-Mirror Multi-Display Systems \(polarized glasses\)](#)
- [How to Connect PC with NVIDIA Quadro to 3D TV](#)