

# Nvidia releases Version: 1.0-7167

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Created *12/03/2005 - 12:07am*

Submitted by srlinuxx on Saturday 12th of March 2005 12:07:53 AM Filed under [Software](#) [1]

## **New nvidia drivers folks.**

### **Release Highlights:**

Support for GeForce 6200 with TurboCache? GPUs

Improved OpenGL workstation performance.

Added support for XRandR rotation; see

Appendix W in the text README.

Added ExactModeTimingsDVI X config option to give explicit control over the mode timings used on Flat Panels.

Added Xorg dlloader support.

Changed driver behavior such that PAT (Page Attribute Table) is used where possible instead of MTRRs.

Added a workaround for an X server bug with PCI-E GeForce 6800 and GeForce 6600; a fix has been provided to XFree86 and XOrg.

Fixed stability problems on x86\_64 PCI-E systems.

Fixed 2D rendering corruption on certain older GPUs.

Improved compatibility with Linux 2.6 kernels.

Fixed compatibility problems with some SWIOTLB em64t systems.

Fixed a bug that triggered error messages of the form: "ioctl32(doom.x86:6747): Unknown cmd fd(16) cmd(c0384642){00} arg(fffc75c) on /dev/nvidiactl"

Fixed NvAGP incompatibility with recent Linux 2.6 kernels.

Improved interaction with the udev filesystem.

Improved performance of PCI cards on Linux 2.6 systems.

Updated documentation. Please see the text README file.

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[1] <http://www.tuxmachines.org/taxonomy/term/38>

[2] [http://www.nvidia.com/object/linux\\_display\\_ia32\\_1.0-7167.html](http://www.nvidia.com/object/linux_display_ia32_1.0-7167.html)