



GRAPHICS HARDWARE QUALIFICATION

LINUX[®] PLATFORM

Last updated: September 15, 2009.

Readme First

The information contained in the [Readme First](#) document applies to all hardware qualifications executed on the Autodesk Media and Entertainment 2010 software product releases and should be acknowledged by all users prior to consulting the qualification charts.

What's New

Result for professional graphics cards NVIDIA[®] Quadro[®] FX 700 & 600 product families is available on Linux Fedora Core 8

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Important Notes

The following lists some important information on graphics hardware qualification for Softimage on Microsoft Windows.

1. For full real-time shader support, make sure that you have the latest Cg compiler and Direct X SDK.
2. For a productive user experience with Softimage, it is recommended to use a card which has a minimum of 256MB of video memory.
3. Qualification is performed at 1920x1200, 32bit color.

Linux Qualification Kernels

The following table lists the Linux qualified kernels for the Softimage 2010 software product release.

Table Legend

✓	Qualified.
👉	Qualified with caveats. Refer to the Kernel Caveats & Limitations.
🕒	Qualification planned OR in progress. Results coming shortly.
👉	Supported although not officially qualified in our lab.
👉	Hardware component falls below minimum system requirements to run this product.
✗	Qualification failed due to serious problems.
○	No qualification planned OR not applicable.
—	Not yet tested.

Linux Qualification Kernels for Autodesk Softimage 2010 for Linux		
	Red Hat® Enterprise Linux®	Fedora®
	5.3 – 64-bit OS	8 – 64-bit OS
Kernel Version		
2.6.18.128.4.1.el5	○	○
2.6.26.8-57.fc8	○	✓
Xorg Version		
6.8.2	○	○
7.2-9	○	✓
Glibc Version		
2.3.4-2.41	○	○
2.7-2	○	✓

Kernel Caveats & Limitations

There are currently no kernel caveats and limitations to report for the current release of this Autodesk product.

Graphics Cards

The following table provides the graphics card and driver version hardware qualifications for the Autodesk Softimage 2010 for Linux software product release.

Important: Although Autodesk tested the NVIDIA GeForce® and ATI™ Radeon™ consumer graphics cards, it is Autodesk, NVIDIA, and AMD policy to only recommend and support the professional NVIDIA Quadro, ATI FirePro, and ATI FireGL graphics family cards. See the [NVIDIA Quadro vs. GeForce GPUs White Paper \[PDF\]](#).

If you have any questions, please contact:

NVIDIA: NVIDIAAutodeskhelp@nvidia.com

AMD/ATI: <http://emailcustomercare.amd.com>

Table Legend

✓	Qualified
👉	Qualified with caveats. Refer to the Graphics Cards Caveats & Limitations
🕒	Qualification planned OR in progress. Results coming shortly
👉	Supported although not officially qualified in our lab
👉	Hardware component falls below minimum system requirements to run this product
✗	Qualification failed due to serious problems
●	No qualification planned OR not applicable
☑	Testing is completed.
👁	Testing is completed. Some issues found. Refer to the Graphics Cards Caveats & Limitations.
△	Testing is ongoing OR planned.
🕒	No testing is planned.
☒	Hardware component falls below minimum system requirements to run the Autodesk product.
—	Not yet tested.

Graphics Card & Driver Qualifications for Autodesk Softimage 2010 for Linux			
Graphics Card	Driver	Red Hat® Enterprise Linux®	Fedora®
Product	Version	5.3 – 64-bit OS	8 – 64-bit OS

Graphics Card & Driver Qualifications for Autodesk Softimage 2010 for Linux			
Graphics Card	Driver	Red Hat® Enterprise Linux®	Fedora®
Product	Version	5.3 – 64-bit OS	8 – 64-bit OS
NVIDIA®			
Quadro® FX 5800	185.18.31	⊘	✓
Quadro FX 4800	185.18.31	⊘	✓
Quadro FX 3800	185.18.31	⊘	✓
Quadro FX 1800	185.18.31	⊘	✓
Quadro FX 4700 X2	185.18.31	⊘	⌚
Quadro FX 3700	185.18.31	⊘	⌚
Quadro FX 1700	185.18.31	⊘	⌚
Quadro FX 5600	185.18.31	⊘	⌚
Quadro FX 4600	185.18.31	⊘	⌚
Quadro FX 5500	185.18.31	⊘	⌚
Quadro FX 4500 X2	185.18.31	⊘	⌚
Quadro FX 4500	185.18.31	⊘	⌚
Quadro FX 3500	185.18.31	⊘	⌚
Quadro FX 1500	185.18.31	⊘	⌚
Quadro FX 580	185.18.31	⊘	👉
Quadro FX 380	185.18.31	⊘	👉
Quadro FX 570	185.18.31	⊘	👉
Quadro FX 370	185.18.31	⊘	👉
GeForce GTX 295	185.18.31	⊘	⊘
GeForce GTX 285	185.18.31	⊘	⊘
GeForce GTS 250	185.18.31	⊘	⊘
GeForce 9800 GT	185.18.31	⊘	⊘
GeForce 8800 GTS	185.18.31	⊘	⊘
GeForce 8800 GT	185.18.31	⊘	⊘
GeForce 9600 GT	185.18.31	⊘	⊘
GeForce 8600 GT	185.18.31	⊘	⊘
ATI™			
FirePro™ V8750	8.633	⊘	✓
FirePro V8700	8.633	⊘	✓

Graphics Card & Driver Qualifications for Autodesk Softimage 2010 for Linux			
Graphics Card	Driver	Red Hat® Enterprise Linux®	Fedora®
Product	Version	5.3 – 64-bit OS	8 – 64-bit OS
FirePro V7750	8.633	⊘	✓
FirePro V7700	8.633	⊘	✓
FirePro V5700	8.633	⊘	✓
FirePro V3750	8.633	⊘	✓
FirePro V3700	8.633	⊘	✓
FireGL™ V7700	8.633	⊘	⌚
FireGL V8650	8.633	⊘	⌚
FireGL V8600	8.633	⊘	⌚
FireGL V7600	8.633	⊘	⌚
FireGL V5600	8.633	⊘	⌚
FireGL V3600	8.633	⊘	⌚
Radeon HD 4870 X2	8.633	⊘	⊘
Radeon HD 4870	8.633	⊘	⊘
Radeon HD 3870	8.633	⊘	⊘
Radeon HD 3850	8.633	⊘	⊘
Radeon HD 4650	8.633	⊘	⊘
Radeon HD 3650	8.633	⊘	⊘
Radeon HD 3470	8.633	⊘	⊘
Radeon HD 2600 XT	8.633	⊘	⊘
Radeon HD 2600 Pro	8.633	⊘	⊘
Radeon HD 2400 Pro	8.633	⊘	⊘

Graphics Cards Caveats & Limitations

There are currently no NVIDIA graphics card caveats / limitations to report for the current release of this Autodesk product.

There are currently no ATI graphics card caveats / limitations to report for the current release of this Autodesk product.

Operating System Dependent & Miscellaneous Issues

There are currently no operating system dependant caveats / limitations to report for the current release of this Autodesk product.

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