



Autodesk[®] Softimage[®] 2011 & Subscription Advantage Pack

Graphics Hardware Certification

Linux[®] Platform

Last updated: October 8th 2010.

Readme First

The information contained in the [Readme First](#) document applies to all hardware Certifications executed on the Autodesk Media and Entertainment 2011 software product releases and should be acknowledged by all users prior to consulting the Certification charts.

What's New

This certification was done on Autodesk Softimage 2011 Subscription Advantage Pack while still supporting the original 2011 version.

Certification on Nvidia[®]'s new FERMI[®] cards is almost complete.

AMD[®] FirePro[®] Vxxxx is also complete.

Note that missing card's results should come in the upcoming weeks to fill up the charts.

- Contents
- Readme First
- What's New
- Linux Certification Kernels
- Kernel Caveats & Limitations
- Graphics Cards
- Graphics Cards Caveats & Limitations
- Operating System Dependent & Miscellaneous Issues
 - Operating Systems
 - OpenGL Visuals
 - Window Manager
- Send Feedback on this Document

Linux Certification Kernels

The following table lists the Linux Certified kernels for the Softimage 2011, Subscription Advantage Pack software product release.

Table Legend

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

| Linux Certification Kernels for Autodesk Softimage 2011 for Linux | |
|---|--|
| | Fedora® Core 11 64 bit |
| | Kernel Version |
| ✓ | Kernel: 2.6.30.10-105.2.23.fc11.x86_64 |
| | Xorg Version |
| ✓ | X server 1.6.4-0.1 |
| | Glibc Version |
| ✓ | Glibc 2.10.2-1.x86_64 |

Kernel Caveats & Limitations

Fedora 11 ships with the "nouveau" driver enabled by default. Having this driver loaded prevents the NVIDIA driver from loading. Please consult your distribution's documentation on how to disable the nouveau driver before installing the NVIDIA driver.

Graphics Cards

The following table provides the graphics card and driver version hardware Certifications for the Autodesk Softimage 2011, Subscription Advantage Pack 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

| | |
|---|---|
| ✓ | Certified |
| 👉 | Certified with caveats. Refer to the Graphics Cards Caveats & Limitations |
| ⌚ | Certification planned OR in progress. Results coming shortly |
| 👉 | Supported although not officially Certified in our lab |
| 👉 | Hardware component falls below minimum system requirements to run this product |
| ✗ | Certification failed due to serious problems |
| ● | No Certification 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 Certifications for Autodesk Softimage 2011, Subscription Advantage Pack for Linux | | |
|---|---------|------------------------|
| Graphics Card | Driver | Fedora® |
| Product | Version | 11 – 64-bit OS |
| NVIDIA® | | 256.53 |
| Quadro® 6000 | 256.53 | ⌚ |
| Quadro 5000 | 256.53 | ✓ |

| Graphics Card & Driver Certifications for Autodesk Softimage 2011, Subscription Advantage Pack for Linux | | |
|---|---------|----------------|
| Graphics Card | Driver | Fedora® |
| Product | Version | 11 – 64-bit OS |
| Quadro 4000 | 256.53 | ✓ |
| Quadro 2000 | 256.53 | ⌚ |
| Quadro 600 | 256.53 | ⌚ |
| Quadro® FX 5800 | 256.53 | ✓ |
| Quadro FX 4800 | 256.53 | 👉 |
| Quadro FX 3800 | 256.53 | 👉 |
| Quadro FX 1800 | 256.53 | ✓ |
| Quadro FX 4700 X2 | 256.53 | 👉 |
| Quadro FX 3700 | 256.53 | 👉 |
| Quadro FX 1700 | 256.53 | 👉 |
| Quadro FX 5600 | 256.53 | 👉 |
| Quadro FX 4600 | 256.53 | 👉 |
| Quadro FX 5500 | 256.53 | 👉 |
| Quadro FX 4500 X2 | 256.53 | 👉 |
| Quadro FX 4500 | 256.53 | 👉 |
| Quadro FX 580 | 256.53 | 👉 |
| Quadro FX 380 | 256.53 | 👉 |
| GeForce GTX 295 | — | ⊘ |
| GeForce GTX 285 | — | ⊘ |
| GeForce GTS 250 | — | ⊘ |
| GeForce 9800 GT | — | ⊘ |
| GeForce 8800 GTS | — | ⊘ |
| GeForce 8800 GT | — | ⊘ |
| GeForce 9600 GT | — | ⊘ |
| GeForce 8600 GT | — | ⊘ |
| FirePro™ V8800 | 8.702.3 | ✗ |
| FirePro V7800 | 8.702.3 | ✗ |
| FirePro V5800 | 8.702.3 | ✗ |
| FirePro V4800 | 8.702.3 | ✗ |

| Graphics Card & Driver Certifications for Autodesk Softimage 2011, Subscription Advantage Pack for Linux | | |
|---|---------|----------------|
| Graphics Card | Driver | Fedora® |
| Product | Version | 11 – 64-bit OS |
| FirePro V3800 | 8.702.3 | ✘ |
| FirePro V8750 | 8.702.3 | ✘ |
| FirePro V8700 | 8.702.3 | ✘ |
| FirePro V7750 | 8.702.3 | ✘ |
| FirePro V7700 | 8.702.3 | ✘ |
| FirePro V5700 | 8.702.3 | ✘ |
| FirePro V3750 | 8.702.3 | ✘ |
| FirePro V3700 | 8.702.3 | ✘ |
| FireGL™ V7700 | 8.702.3 | ✘ |
| FireGL V8650 | 8.702.3 | ✘ |
| FireGL V8600 | 8.702.3 | ✘ |
| FireGL V7600 | 8.702.3 | ✘ |
| FireGL V5600 | 8.702.3 | ✘ |
| FireGL V3600 | 8.702.3 | ✘ |
| Radeon HD 4870 X2 | — | ⊙ |
| Radeon HD 4870 | — | ⊙ |
| Radeon HD 3870 | — | ⊙ |
| Radeon HD 3850 | — | ⊙ |
| Radeon HD 4650 | — | ⊙ |
| Radeon HD 3650 | — | ⊙ |
| Radeon HD 3470 | — | ⊙ |

Graphics Cards Caveats & Limitations

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

The following table provides a description of professional AMD graphics cards caveats and limitations.

| AMD Graphics Cards Caveats & Limitations | | | | | |
|---|---------------|-----------|--|---------------------------|------------|
| Softimage 2011, Subscription Advantage Pack for Microsoft Linux | | | | | |
| Graphics Card | Driver | OS | Caveat / Limitation | Status | Workaround |
| All AMD cards | 8.743.3 .3 | Fedora 11 | Softimage crashes on Scene load if Aticonfig --overlay-type=opengl is set (Bug # 369476) | Issue reported to vendor. | — |

Operating System Dependent & Miscellaneous Issues

Fedora 11 ships with the "nouveau" driver enabled by default. Having this driver loaded prevents the NVIDIA driver from loading. Please consult your distribution's documentation on how to disable the nouveau driver before installing the NVIDIA driver

Operating Systems

The Linux operating system is extremely flexible with regards to precise versioning of different components, drivers and libraries. Softimage may behave very differently on superficially similar systems and while Autodesk will do our best to help solve problems that are probably due to operating system configuration issues, we may be unable to explain or determine the cause of a problem.

Internally at Autodesk we have stabilized on the following configurations. We provide this list for the purpose of aiding our customers, but we can make no guarantees to the reliability, stability or availability of these components. This is not a complete list of Linux configurations choices. This list includes important components that significantly affect the Softimage software.

Due to the many operating system and architecture differences between the supported platforms, the results of some operations will differ on different platforms. This is most noticeable with operations which iterate to reach their results -- leading to cumulatively large difference -- e.g., dynamics, some rendering. You may not be able to "mix and match" renderings on different platforms.

OpenGL Visuals

The Softimage choice of OpenGL visuals is RGBA 8/8/8/8 double buffer with depth buffer of 24 where applicable. Visuals available from the XServer can be found using the command `glxinfo`.

If Softimage cannot obtain its preferred visual, it will fall back as possible to lower values. A warning will be issued in this case.

Set up the XServer so it is using direct rendering to get as many visuals as possible. Use a depth setting of 24, to enable 8 bits per component.

Window Manager

Certification tests listed in this document have been performed under Gnome 2.26.3 on Fedora Core 11. Other window managers are likely to work just fine although they have not been tested and therefore they cannot be listed as "Certified".

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[Survey Link](#)

Please note that we monitor this feedback on a monthly basis. Should you need a faster turnaround time on your question/feedback, please email us at me.3d.certification@autodesk.com.

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