



Graphics Hardware Certification

Microsoft® Windows®

Last updated: October 14th 2010.

Readme First

The information contained in this [Readme First](#) document applies to all hardware Certification executed on the Autodesk Maya® 2011 and Subscription Advantage Pack software product release and should be acknowledged by all users prior consulting the Certification charts.

What's New

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

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

AMD® FirePro® Vxxxx is also complete.

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

Graphic drivers for Nvidia and AMD have been made available on our server and those drivers are WHQL® certified.

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Professional Graphics Cards

The following table provides the professional graphics card and driver version hardware Certifications for the Autodesk Maya 2011, Subscription Advantage Pack for Microsoft Windows software product release.

Table Legend

✓	Certified.
👉	Certified with caveats. Refer to the Professional Graphics Cards Caveats & Limitations.
🕒	Certification planned or in progress. Results coming shortly.
👉	Supported although not officially Certified in our lab.
☑	Testing is completed.
👉	Hardware component falls below minimum system requirements to run the Autodesk product.
✗	Certification failed due to serious problems.
○	No Certification planned or not applicable.
—	Not yet tested.

*Drivers are available **within the tables** under their respective OS.

Professional Graphics Card & Driver Certifications for Autodesk Maya 2011, Subscription Advantage Pack for Microsoft Windows							
Graphics Card	Driver	Windows XP® Professional		Windows Vista® Business SP2		Windows 7	
Product	Version	SP3 32-bit	X64 SP2 64-bit	32-bit	64-bit	32-bit	64-bit
NVIDIA			258.96		258.96		258.96
Quadro® 6000	258.96	👉	✓	👉	✓	👉	👉
Quadro 5000	258.96	👉	✓	👉	✓	👉	👉
Quadro 4000	258.96	👉	✓	👉	✓	👉	👉
Quadro 2000	258.96	👉	✓	👉	✓	👉	👉
Quadro 600	258.96	👉	✓	👉	✓	👉	👉
Quadro FX 5800	258.96	👉	✓	👉	✓	👉	👉
Quadro FX 4800	258.96	👉	👉	👉	👉	👉	👉
Quadro FX 3800	258.96	👉	👉	👉	👉	👉	👉
Quadro FX 1800	258.96	👉	✓	👉	✓	👉	👉
Quadro FX 4700 X2	258.96	👉	👉	👉	👉	👉	👉
Quadro FX 3700	258.96	👉	👉	👉	👉	👉	👉

Professional Graphics Card & Driver Certifications for Autodesk Maya 2011, Subscription Advantage Pack for Microsoft Windows							
Graphics Card	Driver	Windows XP® Professional		Windows Vista® Business SP2		Windows 7	
Product	Version	SP3 32-bit	X64 SP2 64-bit	32-bit	64-bit	32-bit	64-bit
Quadro FX 1700	258.96						
Quadro FX 5600	258.96						
Quadro FX 4600	258.96						
Quadro FX 5500							
Quadro FX 4500 X2							
Quadro FX 4500							
Quadro FX 580							
Quadro FX 380							
AMD			8.743.3.2		8.743.3.2		8.743.3.2
FirePro™ V8800	8.743.3.2						
FirePro V7800	8.743.3.2		✓				✓
FirePro V5800	8.743.3.2		✓				✓
FirePro V4800	8.743.3.2						
FirePro V3800	8.743.3.2		✓				✓
FirePro V8750	8.743.3.2		✓				✓
FirePro V8700	8.743.3.2		✓				✓
FirePro V7750	8.743.3.2		✓				✓
FirePro V7700	8.743.3.2		✓				✓
FirePro V5700	8.743.3.2						
FireGL™ V7700	8.743.3.2						
FireGL V8650	8.702.3						
FireGL V8600	8.702.3						
FireGL V7600	8.702.3						
FireGL V5600	8.702.3						

Professional Graphics Cards Caveats & Limitations

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

Professional NVIDIA Graphics Cards Caveats & Limitations					
Autodesk Maya 2011. Subscription Advantage Pack for Microsoft Windows					
Graphics Card	Driver	OS	Caveat / Limitation	Status	Workaround
All cards	258.96	Win7-64	Performance issue while Hyperthreading is enable (12 cores and up)	Issue reported to vendors. A fix should be provided within the next driver release.	Disable Hyperthreading from the SBIOS.

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

Professional AMD Graphics Cards Caveats & Limitations					
Autodesk Maya 2011. Subscription Advantage Pack for Microsoft Windows					
Graphics Card	Driver	OS	Caveat / Limitation	Status	Workaround
AMD FirePro VX800 AMD FirePro VX700	8.702.3	XP-64 Win7-64	Turning on multi sample rendering for the hardware render buffer may result in final images being black Bug(#355458)	Issue reported to vendors	Update GFX driver to 8.743.3
AMD FireGL x600	8.702.3	Vista SP2 64	Bringing up the Hotbox menu over the menu bar leaves artifacts. (bug # 357390)	Issue reported to vendors.	Update GFX driver to 8.743.3

Consumer Graphics Cards

The following table provides a list of tested NVIDIA GeForce® and ATI Radeon™ consumer graphics cards and driver versions for the Autodesk Maya 2011, Extension 1 for Microsoft Windows software product release. The table also provides the results of the tested hardware components.

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: NVIDIAPAutodeskhelp@nvidia.com

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

Table Legend

☑	Testing is completed.
👁	Testing is completed. Some issues found. Refer to the Consumer 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.
✖	Certification failed due to serious problems.
—	Not yet tested.

Consumer Graphics Card & Drivers Tested for Autodesk Maya 2011 for Microsoft Windows							
Graphics Card	Driver	Windows® XP Professional		Windows Vista® Business SP2		Windows® 7	
Product	Version	SP3 32-bit	X64 SP2 64-bit	32-bit	64-bit	32-bit	64-bit
NVIDIA							
GeForce GTX 295	197.45	⊖	☑	⊖	—	⊖	☑
GeForce GTX 285		⊖	—	⊖	—	⊖	—
GeForce GTS 250	197.45	⊖	☑	⊖	—	⊖	☑
GeForce GT 220	197.45	⊖	☑	⊖	—	⊖	☑
GeForce 9800 GT	197.45	⊖	☑	⊖	—	⊖	☑
GeForce 8800 GTS		⊖	—	⊖	—	⊖	—
GeForce 8800 GT		⊖	—	⊖	—	⊖	—
GeForce 9600 GT	197.45	⊖	☑	⊖	—	⊖	☑
GeForce 8600 GT		⊖	—	⊖	—		—
ATI™							
Radeon HD 5870	8.732	⊖	☑	⊖	—	⊖	☑
Radeon HD 4870 X2		⊖	—	⊖	—	⊖	—
Radeon HD 4870	8.732	⊖	☑	⊖	—	⊖	☑
Radeon HD 3870		⊖	—	⊖	—	⊖	—
Radeon HD 3850	8.732	⊖	☑	⊖	—	⊖	☑
Radeon HD 4650		⊖	—	⊖	—	⊖	—
Radeon HD 3650	8.732	⊖	☑	⊖	—	⊖	☑
Radeon HD 3470		⊖	⊖	⊖	⊖	⊖	⊖

Consumer Graphics Cards Caveats & Limitations

The following table provides a description of consumer NVIDIA graphics cards caveats and limitations.

Consumer NVIDIA Graphics Cards Caveats & Limitations					
Autodesk Maya 2011 for Microsoft Windows					
Graphics Card	Driver	OS	Caveat / Limitation	Status	Workaround

The following table provides a description of consumer ATI graphics cards caveats and limitations.

Consumer ATI Graphics Cards Caveats & Limitations					
Autodesk Maya 2011 for Microsoft Windows					
Graphics Card	Driver	OS	Caveat / Limitation	Status	Workaround

Operating System Dependent & Miscellaneous Issues

The following table provides a description of caveats / limitations that are still being investigated. Autodesk has not identified the precise combination of factors involved. Please refer to the *Release Notes* for further details on known issues with the Maya software product.

Operating System Dependent & Miscellaneous Issues		
Autodesk Maya 2011, Subscription Advantage Pack for Microsoft Windows		
Operating System	Caveat / Limitation	Workaround
Microsoft Windows Vista	When working in the Paint Effects Panel, you may notice that the display does not refresh properly. This may include multiple copies of brushes being seen, or paint effects strokes not updating/disappearing after a new stroke is drawn.	There is no workaround.

Notes on Operating Systems

The following describes important notes related to the operating systems for the Maya 2011, Subscription Advantage Pack for Microsoft Windows software product.

1. Maya 2011, Subscription Advantage Pack has not been certified on Microsoft Windows XP Service Pack 3.
2. Windows XP Professional Service Pack 2 (SP2). After installation of Service Pack 2, Maya or its component programs may not launch successfully. If this occurs, you may either unblock the program via the Windows Firewall Security Alert dialogue, or add it as an Exception in the Exceptions Tab in the Windows Firewall dialogue box. For more information, please see the Microsoft Update at: <http://support.microsoft.com/default.aspx?kbid=842242&product=windowsxpsp2>
3. Autodesk is aware of a problem whereby the system can pause or temporary hang when some of the Maya toolbar menus are being triggered. Should you encounter this problem, please send a message to me.3d.Certification@autodesk.com.
4. We do not recommend saving data directly from Maya to NFS or Novell Netware or other remote mounted file systems. We have received several reports of data corruption when saving in this method although we have been unable to reproduce this. We strongly recommend that you save the files locally and then copy the data to the mounted storage system.
5. If the Maya tear-off pull-down menus don't display properly on Windows XP with UI schemes, set UI preference to Windows Classic Style. Start > Settings > Control Panel > Display > Windows Classic.
6. It is strongly suggested to select the global presets: "Autodesk Maya" in the global settings under Manage 3D settings in the NVIDIA Control Panel.
7. When installing the ATI FireGL drivers, an Audio driver for HDMI audio output is installed by default, this may cause your current sound configuration to no longer function properly. To avoid this problem, you can either avoid installing the HDMI driver or disable the sound driver in the Device Manager.

Stereoscopy Certified Hardware

For information on the graphics hardware Certification for stereo support, please consult the [Autodesk Maya 2011 for Microsoft Windows - Graphics Hardware Certification for Stereo Support](#) document.

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