



Graphics Hardware Certification

Microsoft® Windows®

Last updated: October 14th 2010.

Readme First

The information contained in the [Readme First](#) document applies to all hardware Certifications executed on the Autodesk Media and Entertainment 2011 and Subscription Advantage Pack 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 MotionBuilder 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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Important Notes

1. Certification was performed on dual screen at a resolution of 1920X1200(60Hz). The following settings were applied: On NVIDIA cards: "Autodesk Maya" from the Global Settings presets in the NVIDIA Control Panel (under Manage 3D settings) and "Dual view" mode (under set up multiple displays). On ATI cards the 3D settings are automatically detected and set for the user and therefore no change are required. You should however make sure to select "Extended" for your Dual screen setup NVIDIA Quadro® FX 4500x2 and 4700x2 were Certified using the SLI™ option.

You may experience visual artifacts in MotionBuilder 2011 when used in conjunction with Microsoft Vista Aero™ (desktop composition option) feature. Users are therefore recommended to disable this option to avoid user interface glitches. Please refer to the instructions in the

Microsoft Vista Aero Feature Configuration section.

Occasional artifacts or refresh problems may be seen when using the bump map shaders.

If you are experiencing issues not listed in this document, please search our Knowledge Base or contact customer support (<http://www.autodesk.com/motionbuilder-support>).

Professional Graphics Cards

The following table provides results of the professional graphics card and driver hardware certifications.

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 this 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 MotionBuilder 2011, Subscription Advantage Pack for Microsoft Windows							
Graphics Card	Driver	Windows® XP Professional		Windows Vista® Business SP2		Windows® 7	
		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	👍	👍	👍	👍	👍	👍
Quadro FX 1700	258.96	👍	👍	👍	👍	👍	👍
Quadro FX 5600	258.96	👍	👍	👍	👍	👍	👍

Professional Graphics Card & Driver Certifications for Autodesk MotionBuilder 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 4600	258.96	☺	☺	☺	☺	☺	☺
Quadro FX 5500	258.96	☺	☺	☺	☺	☺	☺
Quadro FX 4500 X2	258.96	☺	☺	☺	☺	☺	☺
Quadro FX 4500	258.96	☺	☺	☺	☺	☺	☺
Quadro FX 580	258.96	☺	☺	☺	☺	☺	☺
Quadro FX 380	258.96	☺	☺	☺	☺	☺	☺
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	8.743.3.2	☺	☺	☺	☺	☺	☺
FireGL V8600	8.743.3.2	☺	☺	☺	☺	☺	☺
FireGL V7600	8.743.3.2	☺	☺	☺	☺	☺	☺
FireGL V5600	8.743.3.2	☺	☺	☺	☺	☺	☺

Professional 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 AMD graphics card caveats / limitations to report for the current release of this Autodesk product.

Consumer Graphics Cards

The following table provides a list of tested NVIDIA GeForce® and ATI Radeon™ consumer graphics cards and driver versions.

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.

If you have any questions, please contact:

NVIDIA: NVIDIAAutodeskhelp@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 this product
✘	Certification failed due to serious problems
—	Not yet tested.

Note: the cards listed below have been purchased from different manufacturers; however we have tested only the proprietary NVIDIA and ATI drivers, downloaded from their respective web sites.

Consumer Graphics Card & Drivers Tested for Autodesk MotionBuilder 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	⊖	—	⊖	☑	⊖	☑

Consumer Graphics Card & Drivers Tested for Autodesk MotionBuilder 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
GeForce 9800 GT	197.45	⊗	Ⓜ	⊗	—	⊗	—
GeForce 8800 GTS		⊗	—	⊗	—	⊗	—
GeForce 8800 GT		⊗	—	⊗	—	⊗	—
GeForce 9600 GT	197.45	⊗	Ⓜ	⊗	—	⊗	—
GeForce 8600 GT	197.45	⊗	Ⓜ	⊗	—	⊗	—
ATI™							
Radeon HD 5870	8.732	⊗	—	⊗	—	⊗	<input checked="" type="checkbox"/>
Radeon HD 4870 X2	8.732	⊗	—	⊗	<input checked="" type="checkbox"/>	⊗	—
Radeon HD 4870	8.732	⊗	<input checked="" type="checkbox"/>	⊗	—	⊗	—
Radeon HD 3870		⊗	—	⊗	—	⊗	—
Radeon HD 3850	8.732	⊗	<input checked="" type="checkbox"/>	⊗	—	⊗	—
Radeon HD 5750	8.732	⊗	—	⊗	<input checked="" type="checkbox"/>	⊗	—
Radeon HD 4650	8.732	⊗	<input checked="" type="checkbox"/>	⊗	—	⊗	<input checked="" type="checkbox"/>
Radeon HD 3650		⊗	—	⊗	—	⊗	<input checked="" type="checkbox"/>
Radeon HD 3470		⊗	⊗	⊗	⊗	⊗	⊗
Radeon HD 2600 XT		⊗	⊗	⊗	⊗	⊗	⊗
Radeon HD 2600 Pro		⊗	⊗	⊗	⊗	⊗	⊗
Radeon HD 2400 Pro		⊗	⊗	⊗	⊗	⊗	⊗

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
All	197.75	Microsoft Windows XP-64	Chances of when using ragdoll, scene crashes on exit. Bug #360360	Reported to vendor	No workaround

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

Consumer AMD 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 product *Release Notes* for further details on known issues with the MotionBuilder software product.

Operating System Dependent & Miscellaneous Issues		
Autodesk MotionBuilder 2011, Subscription Advantage Pack for Microsoft Windows		
Operating System	Caveat / Limitation	Workaround
Windows Vista Business SP1	<p>Upon using the (Aero) transparency feature in Vista, some elements of the MotionBuilder user interface may be partially hidden.</p> <p>To work around this issue, disable the Aero feature by following the instructions provided in this document. See</p> <p>Microsoft Vista Aero Feature Configuration. (Bug #311201)</p>	—

Microsoft Vista Aero Feature Configuration

It is recommended to disable the Windows Vista Aero feature to avoid user interface glitches. To disable the Windows Vista Aero feature:

Right-click on an empty area on the Desktop and choose Personalize.

Click on the Theme link (to determine whether you are using Windows Vista theme).

If you are using the Windows Vista theme, go to the next step (0) and if you are using the Windows Classic theme, go to step 0.

Go to the previous window and click the Window Color and Appearance link.

In the Window Color and Appearance, disable “Enable transparency”.

If you are using the Windows Classic theme, go to the previous window and click the Theme link.

In the Appearance Settings window, select Windows Standard color scheme and click Apply.

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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

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