



Graphics Hardware Certification

Apple® Macintosh® Platform

Last updated: September 29th 2010.

Readme First

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

What's New

This certification was done on Autodesk MudBox 2011 Subscription advantage pack while still supporting the original 2011 versions.

Be advised that MudBox 2011 Subscription advantage pack was certified on Mac OSX 10.6.4 Graphic update and not the regular OSX 10.6.4

- Contents
- Readme First
- What' s New
- Tested Mac OS® Versions
- Workstation and Mobile Workstations
- Hardware System Certification
- Graphics Cards and Drivers
 - Professional Graphics Cards
 - Dual Monitor Support
 - Professional Graphics Cards Caveats & Limitations
 - Consumer Graphics Cards
 - Dual Monitor Support
 - Consumer Graphics Cards Caveats & Limitations
- System Dependent & Miscellaneous Issues

Tested Mac OS® Versions

1. Workstations and graphics cards have been tested on MAC OS X v.10.6.4 Graphic update, unless mentioned otherwise with a small annotation.
2. To verify which version of the Mac OS X version is installed, select "About This Mac" in the Apple menu. The general OS Version number is just below the logo; e.g., Version 10.5.8. To find the build number for that Version, click the version text. The Version number changes to display the Build number; e.g., Build 9L30.
3. Note: Occasionally, Apple releases slightly different versions that carry the same Version number (but different build number). These slightly different versions may behave differently. It may only be possible to identify the OS version by the build number.

Workstation and Mobile Workstations

1. Autodesk MudBox 2011, Subscription advantage pack is certified on any of the systems identified in the following Hardware System Certification section using the version of MAC OS X v.10.6.4 Graphic update. Do not assume that newer versions of Mac OS X will be suitable for use with the MudBox 2011, Extension 1 software version.
2. You may need to refer to the [Apple Support site](#) to identify your system.
3. If you intend to run dual monitors, see the System Dependent & Miscellaneous Issues section Caveat / Limitation 1.
4. Any Mac with built in Intel® GMA 950 or GMA x3100 Graphics is not tested and will not be supported.

Hardware System Certification

The following table lists the tested hardware system for the MudBox 2011, Subscription advantage pack software product release.

Table Legend

✓	Certified.
👉	Certified with caveats. Refer to the Hardware System 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 the Autodesk product.
✗	Certification failed due to serious problems.
○	No Certification planned or not applicable.
—	Not yet tested.

Intel®-based Apple® Macintosh® Hardware System Certification for Autodesk MudBox 2011, Subscription advantage pack		
Apple Macintosh Hardware System		
Model	Specification	Certification
Mac® Pro		
	Intel® Xeon® Core™ 2 Quad @ 2.26Ghz	👍
	Intel Xeon Core 2 Quad @ 3.2Ghz	👍
	Intel Core 2 Duo @ 2.66Ghz	👍
	Intel Core 2 Quad @ 3.0Ghz	👍
	Intel Xeon Core 2 Quad @ 2.8Ghz	👍
iMac®		
	Intel Core Duo @ 2Ghz	👍

Intel®-based Apple® Macintosh® Hardware System Certification for Autodesk MudBox 2011, Subscription advantage pack		
Apple Macintosh Hardware System		
Model	Specification	Certification
	Intel Core 2 Duo @ 2.16Ghz	👍
	Intel Core 2 Duo @ 2.4Ghz	👍
	Intel Core 2 Duo @ 2.8Ghz	👍
MacBook® Pro		
	Intel Core 2 Duo @ 2.33Ghz	👍
	Intel Core 2 Duo @ 2.5Ghz	👍
	Intel Core 2 Duo @ 2.6Ghz	👍
	Intel Core i7 @ 2.66GHz	✓

Graphics Cards and Drivers

1. All Certifications are performed using only the official Apple default drivers that are included with a particular version of an OS (e.g. 10.6.2). Drivers acquired by any other means; e.g., directly from a graphics vendor, are considered unsupported and therefore not certified. Note that for NVIDIA Quadro FX 4800 and GeForce 285GTX, we had to use the manufacturer driver until Apple releases the official driver with 10.6:
2. Autodesk received numerous reports of problems with drivers other than those released by Apple as part of the OS. As a result, Autodesk cannot guarantee the stability of MudBox using unsupported drivers.
3. To verify which version of a video driver is installed on your Mac OS X system, in a Finder window, navigate to /System/Library/Extensions/(vendor extension file). With this file selected, Ctrl-click and choose Get Info to view the version information. For example, to determine the version of the video driver installed for the NVIDIA GeForce FX 8800 Ultra, select the /System/Library/Extensions/NVDANV50Hals.kext file and then Ctrl-click and choose Get Info.

Professional Graphics Cards

The following table provides the professional graphics card hardware Certifications for the Autodesk MudBox 2011, Subscription advantage pack for Macintosh® software product release.

Note: Professional graphics cards not listed in the following table are no longer tested. However, these cards may still be acceptable for use with the MudBox software. Please refer to earlier MudBox software for OS X Certification charts to evaluate a particular card's previous use in MudBox. While you may continue to use one of these cards, please note that we may not be able to provide support for any issues you may encounter.

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
👎	Hardware component falls below minimum system requirements to run this Autodesk
✗	Certification failed due to serious problems
○	No Certification planned OR not applicable
—	Not yet tested.

Professional Graphics Card Certifications for Autodesk MudBox 2011, Subscription advantage pack for Macintosh			
Graphics Card	Mac OS® X		
	Product	v.10.6.2	v.10.6.3
NVIDIA®			
Quadro® 4000	○	○	🕒
Quadro FX 4800	✓	○	✓

Professional Graphics Card Certifications for Autodesk MudBox 2011, Subscription advantage pack for Macintosh			
Graphics Card	Mac OS® X		
Product	v.10.6.2	v.10.6.3	v.10.6.4 gfx update
Quadro FX 5600	○	○	👉
Quadro FX 4500	✓	○	👉

Dual Monitor Support

Apple systems can be run in Dual Monitor configuration by using a single graphics card which supports dual output (e.g. NVIDIA Quadro FX 5600).

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 for the Autodesk MudBox 2011, Extension 1 for Macintosh software product release.

Note: Consumer graphics cards not listed in the following table are no longer tested. However, these cards may still be acceptable for use with the MudBox software. Please refer to earlier MudBox software for OS X Certification charts to evaluate a particular card's previous use in MudBox. While you may continue to use one of these cards, please note that we may not be able to provide support for any issues you may encounter.

Table Legend

<input checked="" type="checkbox"/>	Testing is completed.
	Testing is completed. Some issues found. See Consumer Graphics Cards Caveats & Limitations.
	Testing is ongoing OR planned.
	No testing is planned.
<input checked="" type="checkbox"/>	Hardware component falls below minimum system requirements to run this product.
—	Not yet tested.

Consumer Graphics Card Tested for Autodesk MudBox 2011, Subscription advantage pack for Macintosh			
Graphics Card	Mac OS® X		
	Product	Version 10.6.2	Version 10.6.x
NVIDIA®			
GeForce® GT300m			<input checked="" type="checkbox"/>
GeForce GTX 120	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
GeForce GTX 285	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

Consumer Graphics Card Tested for Autodesk MudBox 2011, Subscription advantage pack for Macintosh			
Graphics Card	Mac OS® X		
Product	Version 10.6.2	Version 10.6.x	v.10.6.4 gfx update
GeForce 8800M GT	☑	⊘	△
GeForce 8800 GT	☑	⊘	☑
GeForce 8600M	☑	⊘	△
GeForce 7300 GT	☑	⊘	△
GeForce 9600 GT	☑	⊘	△
GeForce 7600 GT	☑	⊘	△
ATI™			
Radeon HD 4870	☑	⊘	☑
Radeon HD 3870	☑	⊘	☑
Radeon HD 4850	⊘	⊘	☑
Radeon HD 2600 Pro	☑	⊘	△

Dual Monitor Support

Apple systems can be run in Dual Monitor configuration by using a single graphics card which supports dual output (e.g. ATI Radeon x2600).

Consumer Graphics Cards Caveats & Limitations

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

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

Consumer NVIDIA Graphics Cards Caveats & Limitations				
Autodesk MudBox 2011, Subscription advantage pack for Macintosh				
Graphics Card	OS	Caveat / Limitation	Status	Workaround
GeForce 8800 GT	10.6.2	While using dual screen with Mac, you can't use tools secondary monitor. (Bug # 354422)	—	—

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 MudBox software product.

Send Feedback on this Document

Did you find what you were looking for? Was this document useful to you?

We would like to hear your thoughts on the content and presentation of this document. If you are interested in providing such feedback, please go to the following link:

[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

© 2010 Autodesk, Inc. All rights reserved. Except as otherwise permitted by Autodesk, Inc., this publication, or parts thereof, may not be reproduced in any form, by any method, for any purpose.

Certain materials included in this publication are reprinted with the permission of the copyright holder.

The following are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and other countries: 3DEC (design/logo), 3December, 3December.com, 3ds Max, Algor, Alias, Alias (swirl design/logo), AliasStudio, Alias|Wavefront (design/logo), ATC, AUGI, AutoCAD, AutoCAD Learning Assistance, AutoCAD LT, AutoCAD Simulator, AutoCAD SQL Extension, AutoCAD SQL Interface, Autodesk, Autodesk Envision, Autodesk Intent, Autodesk Inventor, Autodesk Map, Autodesk MapGuide, Autodesk Streamline, AutoLISP, AutoSnap, AutoSketch, AutoTrack, Backburner, Backdraft, Built with ObjectARX (logo), Burn, Buzzsaw, CAiCE, Civil 3D, Cleaner, Cleaner Central, ClearScale, Colour Warper, Combustion, Communication Specification, Constructware, Content Explorer, Dancing Baby (image), DesignCenter, Design Doctor, Designer's Toolkit, DesignKids, DesignProf, DesignServer, DesignStudio, Design Web Format, Discreet, DWF, DWG, DWG (logo), DWG Extreme, DWG TrueConvert, DWG TrueView, DXF, Ecotect, Exposure, Extending the Design Team, Face Robot, FBX, Fempro, Fire, Flame, Flare, Flint, FMDesktop, Freewheel, GDX Driver, Green Building Studio, Heads-up Design, Heidi, HumanIK, IDEA Server, i-drop, ImageModeler, iMOUT, Incinerator, Inferno, Inventor, Inventor LT, Kaydara, Kaydara (design/logo), Kynapse, Kynogon, LandXplorer, Lustre, MatchMover, Maya, Mechanical Desktop, Moldflow, Moonbox, MotionBuilder, Movimento, MPA, MPA (design/logo), Moldflow Plastics Advisers, MPI, Moldflow Plastics Insight, MPX, MPX (design/logo), Moldflow Plastics Xpert, Mudbox, Multi-Master Editing, Navisworks, ObjectARX, ObjectDBX, Open Reality, Opticore, Opticore Opus, Pipeplus, PolarSnap, PortfolioWall, Powered with Autodesk Technology, Productstream, ProjectPoint, ProMaterials, RasterDWG, RealDWG, Real-time Roto, Recognize, Render Queue, Retimer, Reveal, Revit, Showcase, ShowMotion, SketchBook, Smoke, Softimage, Softimage|XSI (design/logo), Sparks, SteeringWheels, Stitcher, Stone, StudioTools, ToolClip, Topobase, Toxik, TrustedDWG, ViewCube, Visual, Visual LISP, Volo, Vtour, Wire, Wiretap, WiretapCentral, XSI, and XSI (design/logo).

All other brand names, product names or trademarks belong to their respective holders.

Disclaimer

THIS PUBLICATION AND THE INFORMATION CONTAINED HEREIN IS MADE AVAILABLE BY AUTODESK, INC. "AS IS." AUTODESK, INC. DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING THESE MATERIALS.