Autodesk® Mudbox 2012

Graphics Hardware Certification

Apple® Macintosh® Platform

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Readme First

The information contained in the Readme First document applies to all hardware Certification executed on the Autodesk Mudbox 2012 software product release and should be acknowledged by all users prior consulting the Certification charts.

What's New

Whole new certification wave on new release of Autodesk Mudbox.

Be advised that Autodesk Mudbox 2012 was certified on Mac OSX 10.6.6.

Tested Mac OS® Versions

1. Workstations and graphics cards have been tested on MAC OS X v.10.6.6 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 Mudox 2012 is certified on any of the systems identified in the following Hardware System Certification section using the version of MAC OS X v.10.6.6. Do not assume that newer versions of Mac OS X will be suitable for use with the Autodesk Mudbox 2012.
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 Autodesk Mudbox 2012 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.
O	No Certification planned or not applicable.
—	Not yet tested.

Intel®-based Apple® Macintosh® Hardware System Certification for Autodesk Mudbox 2012.		
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 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 10.6.6:
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 Autodesk 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 2012 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 Autodesk Mudbox software. Please refer to earlier Autodesk Mudbox software for OS X Certification charts to evaluate a particular card's previous use in Autodesk 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
O	No Certification planned OR not applicable
—	Not yet tested.

.* Requires driver 256.01 from Nvidia.com in order to work to its full potential.

Professional Graphics Card Certifications for Autodesk Mudbox 2012 for Macintosh			
Graphics Card	Mac OS® X		
Product	v.10.6.3	v.10.6.4 gfx update	v.10.6.6
NVIDIA®			
Quadro® 4000	O	👍*	✓*
Quadro FX 4800	O	👍	✓
Quadro FX 5600	O	👍	✓
Quadro FX 4500	O	👍	👍

.* Requires driver 256.01 from Nvidia.com in order to work to its full potential.

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 2012 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 Autodesk Mudbox software. Please refer to earlier Autodesk Mudbox software for OS X Certification charts to evaluate a particular card's previous use in Autodesk 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.

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

☑	Testing is completed.
👍	Supported although not officially Certified in our lab
👁	Testing is completed. Some issues found. See 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.
—	Not yet tested.

Consumer Graphics Card Tested for Autodesk Mudbox 2012 for Macintosh			
Graphics Card	Mac OS® X		
Product	Version 10.6.3	v.10.6.4 gfx update	v.10.6.6
NVIDIA®			
GeForce® GT330m	⃠	⃠	☑
GeForce GTX 120	⃠	⃠	☑
GeForce GTX 285	⃠	⃠	☑
GeForce 8800M GT	⃠	⃠	👍
GeForce 8800 GT	⃠	⃠	☑

Consumer Graphics Card Tested for Autodesk Mudbox 2012 for Macintosh			
Graphics Card	Mac OS® X		
Product	Version 10.6.3	v.10.6.4 gfx update	v.10.6.6
GeForce 8600M	⊘	⊘	⊘
GeForce 7300 GT	⊘	⊘	⊘
GeForce 9600 GT	⊘	⊘	⊘
GeForce 7600 GT	⊘	⊘	⊘
ATI™			
Radeon HD 5870	⊘	⊘	△
Radeon HD 5770	⊘	⊘	☑
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 2012 for Macintosh				
Graphics Card	OS	Caveat / Limitation	Status	Workaround

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 Autodesk Mudbox software product.

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