

Autodesk Showcase 2011

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 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® ShowCase 2011.

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

AMD® FirePro® Vxxxx is 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.

Autodesk®

- Contents
- Readme First
- What' s New
- Important Notes
- Professional Graphics Cards
- Professional Graphics Cards
Caveats & Limitations
- Consumer Graphics Cards
- Consumer Graphics Cards
Caveats & Limitations
- Operating System Dependent
& Miscellaneous Issues
- Send Feedback on this
Document

Important Notes

3Dconnexion Space Navigator 3D mouse - 3Dconnexion Space Navigator and similar 3D mouse input devices are not supported at this time.

Game controller / joystick support - Logitech® Rumblepad® 2 is supported. Other game controller or HID devices may also work but are currently unsupported.

SLI - Showcase will run in NVIDIA SLI mode, however Showcase does not show a significant performance improvement when run in SLI mode.

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

Showcase requires a minimum of 512 MB graphics memory (768 MB or more recommended). Graphics cards with less than 512 MB should not be used with Showcase.

Graphics cards with 512MB may experience performance and stability problems when working with scenes with large or complex models or textures. These problems may occur more frequently when other graphics-intensive applications are running.

Examples of scenes that may require more memory are:

- scenes with a large number of polygons or individual objects,
- scenes with high resolution environment textures
- Scenes with high resolution textures on materials or decals, or ambient shadows.

Autodesk Showcase 2011 is only supported on English language Windows Operating Systems.

Professional Graphics Cards

The following table provides the professional graphics card and driver version hardware Certifications for the Autodesk Showcase 2011 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.
👉	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 Showcase 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®			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 Plex® D2	191.78	👉	👉	👉	👉	👉	👉
Quadro FX 5800	258.96	👉	👉	👉	✓	👉	✓
Quadro FX 4800	258.96	👉	👉	👉	👉	👉	👉
Quadro FX 3800	258.96	👉	👉	👉	👉	👉	👉
Quadro FX 1800	258.96	👉	👉	👉	✓	👉	✓
Quadro FX 580	258.96	👉	👉	👉	👉	👉	👉
Quadro FX 4700 X2	258.96	👉	👉	👉	👉	👉	👉
Quadro FX 3700	258.96	👉	👉	👉	👉	👉	👉
Quadro FX 1700	258.96	👉	👉	👉	👉	👉	👉

Professional Graphics Card & Driver Certifications for Autodesk Showcase 2011 for Microsoft Windows							
Quadro FX 5600	258.96	👍	👍	👍	👍	👍	👍
Quadro FX 4600	258.96	👍	👍	👍	👍	👍	👍
Quadro FX 5500	258.96	⌛	⌛	⌛	⌛	⌛	⌛
Quadro FX 4500 X2	258.96	⌛	⌛	⌛	⌛	⌛	⌛
Quadro FX 4500	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 V5700	8.743.3.2	👍	✓	👍	✓	👍	✓

Professional Graphics Cards Caveats & Limitations

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

NVIDIA Professional Graphics Cards Caveats & Limitations					
Autodesk ShowCase 2011 for Microsoft Windows					
Graphics Card	Driver	OS	Caveat / Limitation	Status	Workaround
All Quadros & Quadro FX x800	258.96	Windows XP - 64	Selection Box makes the application hang indefinitely. (Bug ID#: 363165)	Issue reported to vendor and should be fixed in the upcoming driver in October.	—

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

AMD Professional Graphics Cards Caveats & Limitations					
Autodesk ShowCase 2011 for Microsoft Windows					
Graphics Card	Driver	OS	Caveat / Limitation	Status	Workaround

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 and ATI FirePro.

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 the Autodesk product.
✘	Certification failed due to serious problems.
—	Not yet tested.

Consumer Graphics Card & Drivers Tested for Autodesk Showcase 2011 for Microsoft Windows							
Graphics Card	Driver	Windows® XP Professional		Windows Vista® Business SP1		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		⊖	—	⊖	—	⊖	—
AMD							

Consumer Graphics Card & Drivers Tested for Autodesk Showcase 2011 for Microsoft Windows							
Graphics Card	Driver	Windows® XP Professional		Windows Vista® Business SP1		Windows® 7	
Product	Version	SP3 32-bit	X64 SP2 64-bit	32-bit	64-bit	32-bit	64-bit
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		⊘	—	⊘	—	⊘	—
Radeon HD 2600 XT		⊘	⊘	⊘	⊘	⊘	⊘
Radeon HD 2600		⊘	⊘	⊘	⊘	⊘	⊘
Radeon HD 2400 Pro		⊘	⊘	⊘	⊘	⊘	⊘

Consumer Graphics Cards Caveats & Limitations

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

Consumer Level Graphic Cards Caveats & Limitations					
Autodesk Showcase 2011 for Microsoft Windows					
Graphics Card	Driver	OS	Caveat / Limitation	Status	Workaround
All Radeon All GeForce	All	All	ATI Radeon and GeForce graphics cards are not recommended for use with X-Rite MA98 hardware or X-Rite measured materials at this time. These materials do not display correctly in the hardware view, however the materials can be viewed in interactive ray tracing mode and in ray traced images.		None. This is a limitation of these graphics cards.

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.