

AUTODESK[®] SHOWCASE[®] 2010 R1

GRAPHICS HARDWARE QUALIFICATION

MICROSOFT[®] WINDOWS[®]

Last updated: October 1st, 2009.

Readme First

The information contained in the [Readme First](#) document applies to all hardware qualifications executed on the Autodesk Media and Entertainment 2010 software product releases and should be acknowledged by all users prior to consulting the qualification charts.

What's New

This is the first Showcase release to support ATI FirePro V5700, V7750, V8700, V8750 graphics.

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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>).

Professional Graphics Cards

The following table provides the professional graphics card and driver version hardware qualifications for the Autodesk Showcase 2010 R1 for Microsoft Windows software product release.

Table Legend

✓	Qualified.
👉	Qualified with caveats. Refer to the Professional Graphics Cards Caveats & Limitations.
⌚	Qualification planned OR in progress. Results coming shortly.
👉	Supported although not officially qualified in our lab.
👉	Hardware component falls below minimum system requirements to run this product.
✗	Qualification failed due to serious problems.
○	No qualification planned OR not applicable.
—	Not yet tested.

Professional Graphics Card & Driver Qualifications for Autodesk Showcase 2010 R1 for Microsoft Windows							
Graphics Card	Driver	Windows® XP Professional		Windows Vista® Business SP1		Windows® 7	
Product	Version	SP3 32-bit OS	X64 Edition SP2 64-bit OS	32-bit OS	64-bit OS	32-bit OS	64-bit OS
NVIDIA®							
Quadro® FX 5800	—	⌚	⌚	⌚	⌚	—	—
Quadro FX 4800	178.46	👉	👉	👉	👉	—	—
Quadro FX 3800	178.46	👉	👉	👉	👉	—	—
Quadro FX 1800	178.46	👉	👉	👉	👉	—	—
Quadro FX 4700 X2	—	⌚	⌚	⌚	⌚	—	—
Quadro FX 3700	—	⌚	⌚	⌚	⌚	—	—
Quadro FX 1700	178.46	👉	👉	👉	👉	—	—
Quadro FX 5600	178.46	✓	✓	✓	✓	—	—
Quadro FX 4600	178.46	✓	✓	✓	✓	—	—
Quadro FX 5500	178.46	✓	✓	✓	✓	—	—
Quadro FX 4500 X2	178.46	✓	✓	✓	✓	—	—
Quadro FX 4500	178.46	👉	👉	👉	👉	—	—
Quadro FX 3500	—	👉	👉	👉	👉	—	—

Professional Graphics Card & Driver Qualifications for Autodesk Showcase 2010 R1 for Microsoft Windows							
Graphics Card	Driver	Windows® XP Professional		Windows Vista® Business SP1		Windows® 7	
Product	Version	SP3 32-bit OS	X64 Edition SP2 64-bit OS	32-bit OS	64-bit OS	32-bit OS	64-bit OS
Quadro FX 1500	—	👉	👉	👉	👉	—	—
Quadro FX 580	—	👉	👉	👉	👉	—	—
Quadro FX 380	—	👉	👉	👉	👉	—	—
Quadro FX 570	—	👉	👉	👉	👉	—	—
Quadro FX 370	—	👉	👉	👉	👉	—	—
Quadro FX 3700M	178.46	✓	✓	👉	👉	—	—
Quadro FX 3600M	—	👉	👉	👉	👉	—	—
Quadro FX 3500M	—	👉	👉	👉	👉	—	—
Quadro FX 2700M	—	👉	👉	👉	👉	—	—
Quadro FX 2500M	—	👉	👉	👉	👉	—	—
Quadro FX 1700M	—	👉	👉	👉	👉	—	—
Quadro FX 1600M	—	👉	👉	👉	👉	—	—
Quadro FX 1500M	—	👉	👉	👉	👉	—	—
Quadro FX 360M	—	👉	👉	👉	👉	—	—
Quadro FX 570M	—	👉	👉	👉	👉	—	—
Quadro Plex 2200 D2	178.80	—	✓	⦿	⦿	—	—
Quadro Plex Model II	178.80	—	👉	⦿	⦿	—	—
ATI™							
FirePro™ V8750	8.634	✓	✓	✓	✓	—	—
FirePro V8700	8.634	✓	✓	✓	✓	—	—
FirePro V7750	8.634	✓	✓	✓	✓	—	—
FirePro V7700	—	—	—	—	—	—	—
FirePro V5700	8.634	✓	✓	✓	✓	—	—
FirePro V3750	—	—	—	—	—	—	—
FirePro V3700	—	—	—	—	—	—	—
FireGL™ V7700	—	⦿	⦿	⦿	⦿	—	—
FireGL V8650	—	⦿	⦿	⦿	⦿	—	—
FireGL V8600	—	⦿	⦿	⦿	⦿	—	—

Professional Graphics Card & Driver Qualifications for Autodesk Showcase 2010 R1 for Microsoft Windows							
Graphics Card	Driver	Windows® XP Professional		Windows Vista® Business SP1		Windows® 7	
Product	Version	SP3 32-bit OS	X64 Edition SP2 64-bit OS	32-bit OS	64-bit OS	32-bit OS	64-bit OS
FireGL V7600	—	✗	✗	✗	✗	—	—
FireGL V5600	—	✗	✗	✗	✗	—	—
FireGL V3600	—	✗	✗	✗	✗	—	—

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 Showcase 2010 R1 for Microsoft Windows					
Graphics Card	Driver	OS	Caveat / Limitation	Status	Workaround
Quadro FX 560 Quadro FX1500 Quadro FX 1700 Quadro FX 3600M Quadro FX 3500M Quadro FX 2700M Quadro FX 2500M Quadro FX 1700M Quadro FX 1600M Quadro FX 1500M	All	All	Graphics cards with 512MB or less are not recommended on Vista. Graphics cards with 512MB or less graphics memory may experience limitations in performance and slow interaction when working with complex scenes. Performance issues may also occur in scenes with large textures in the environment in on materials.		None. This is a limitation of these graphics cards.

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

Graphics Card	Driver	OS	Caveat / Limitation	Workaround
FirePro V5700 FirePro V7750 FirePro V8700 FirePro V8750	All	All	1. ATI graphics cards are not recommended for use with X-Rite MA98 hardware or measured materials at this time. These materials do not render correctly in the hardware view. 2. The ATI FirePro V8750 may cause Showcase to display a "Limited Resources" warning when Showcase is started. If the correct hardware and driver are installed, this warning can be ignored.	None.

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 the Autodesk product.
—	Not yet tested.

Consumer Graphics Card & Drivers Tested for Autodesk Showcase 2010 R1 for Microsoft Windows							
Graphics Card	Driver	Windows® XP Professional		Windows Vista® Business SP1		Windows® 7	
Product	Version	SP3 32-bit OS	X64 Edition SP2 64-bit OS	32-bit OS	64-bit OS	32-bit OS	64-bit OS
NVIDIA							
GeForce 9800 GT	—	△	△	△	△	—	—
GeForce 8800 GTS	163.75	☑	△	△	△	—	—
GeForce 8800 GTX	—	△	△	△	△	—	—
GeForce 8800 GTX	—	△	△	△	△	—	—
GeForce 9600 GT	—	△	△	△	△	—	—
GeForce 8600 GT	—	△	△	△	△	—	—
ATI™							
Radeon HD 4850	8.10	☑	△	△	△	—	—
Radeon HD 4830	8.10	☑	△	△	△	—	—

Consumer Graphics Cards Caveats & Limitations

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

Consumer Level ATI Graphics Cards Caveats & Limitations					
Autodesk Showcase 2010 R1 for Microsoft Windows					
Graphics Card	Driver	OS	Caveat / Limitation	Status	Workaround
All Radeon	All	All	ATI Radeon graphics cards are not recommended for use with X-Rite MAg8 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.
All Radeon	All	All	Some ATI Radeon graphics cards may cause Showcase to display a “Limited Resources” warning when Showcase is started. If the correct hardware and driver are installed, this warning can be ignored.		

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 Showcase software product.

Operating System Dependent & Miscellaneous Issues		
Autodesk Showcase 2010 R1 for Microsoft Windows		
Operating System	Caveat / Limitation	Workaround
Windows Vista 32 Windows Vista 64	Graphics cards must have a minimum 512 MB graphics memory. More memory is recommended on Microsoft® Windows Vista® or for users working with large data sets or complex scenes. Showcase is only supported on English language Windows Operating Systems.	None.
Windows Vista 64 Windows XP x64	X-Rite MA98 device is only supported on 32-bit Windows.	None at this time. The materials will display in Showcase but the device driver is not supported on 64 bit Windows OS.

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