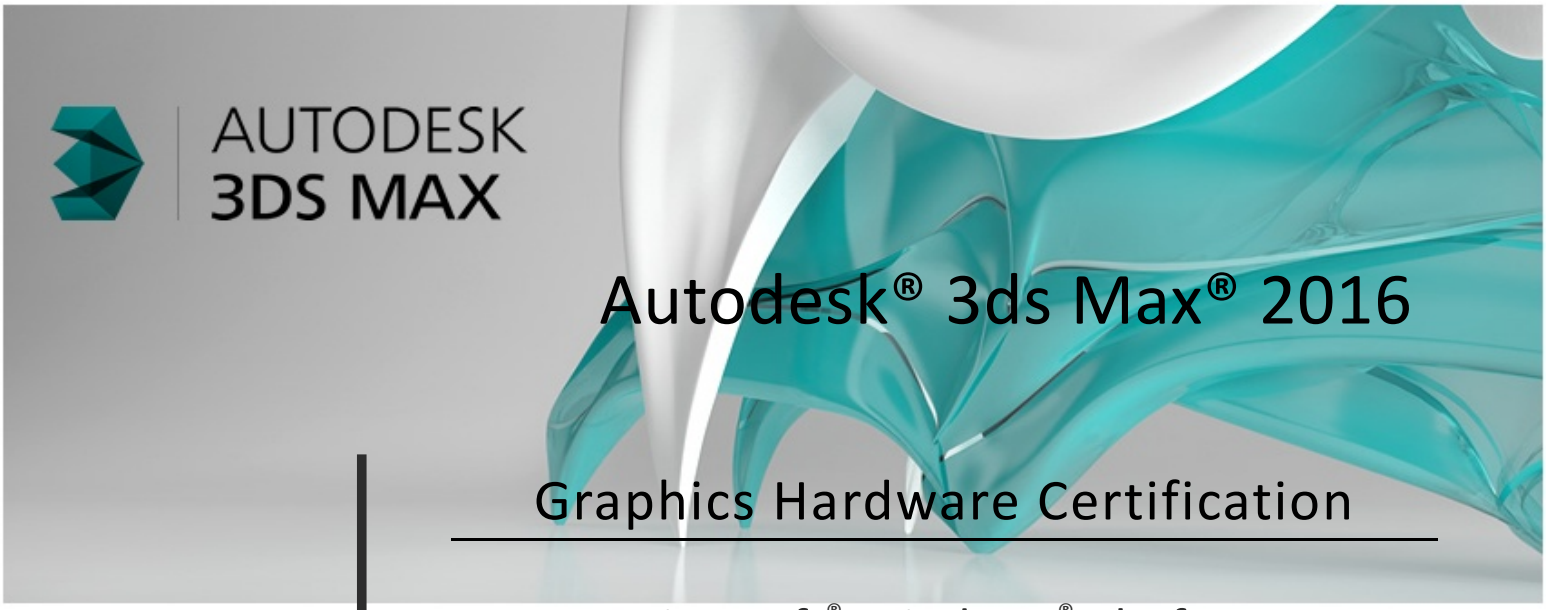

Autodesk® 3ds Max® 2016

Graphics Hardware Certification

Microsoft® Windows® Platform

Last updated: October 29th 2015.

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Readme First

The information contained in the Readme First document applies to all hardware Certifications executed on the Autodesk® Media and Entertainment 2016 software product releases and should be acknowledged by all users prior to consulting the Certification charts.

What's New

Certification on the new Broadwell and Iris platform from INTEL® is now completed. See the results below.

AUTODESK.

Important Notes

The following describes important notes related to the graphics hardware certification for the for the Autodesk 3ds Max 2016 product release.

- Certification of graphics cards was done using Nitrous Direct3D® mode
- OpenGL® has not been Certified and therefore you may encounter issues that have not been listed in this document
- Nitrous Direct3D® 11 was used for both Windows 7 and Windows 8.1. Nitrous Direct3D 9 has not been tested
- Certification is being performed on both single and dual screen configurations at resolution of 1920x1200 (60Hz each).
- If you are experiencing additional display issues, not listed in this document, please search our Knowledge Base or contact customer support (http://www.autodesk.com/3dsmax-support).
- You can find certification results for prior releases of Autodesk 3ds Max product at the 3ds Max Certified Hardware link.
- To report problems directly to the Hardware Certification group, use the Report a Problem form.

Disclaimer:

• Not all Caveats in the tables below are driver problems. Some may be 3ds Max software limitations, or inherent limitations due to the API version used by certain graphics cards. Caveats meeting this criterion will be marked as such in the Caveats table at the bottom of this document.

• Autodesk certification testing focuses on workstation-grade hardware, as identified by the hardware vendor. Testing and designation as Certified does not guarantee that a particular device is workstation-grade or that it will meet a user's particular needs. Test results are valid only for the tested combination of hardware and driver. Certified status does not guarantee that the hardware will perform acceptably with other drivers.

• Cards labelled as certified are fully supported by graphics cards vendors for use with Autodesk applications. Other cards labelled as tested, while they may not have reported any errors during our certification tests, do not have the same level of vendor support in the case of specific graphics fidelity and instability

Professional Graphics Cards

The following table provides the professional graphics cards and driver versions for the Certification of Autodesk 3Ds Max 2016.

Legend	
✓	Certified
✗	Certification failed due to serious problems
⚠	Caveats

Professional Graphics Cards & Driver Certification for Autodesk 3ds Max 2016 for Microsoft Windows				
Graphics Cards	Driver	Windows 7 SP1 x64	Windows 8.1 x64	Caveats
NVIDIA®				
Quadro® 2000	9.18.13.4052	✓	✓	N/A
Quadro 4000	9.18.13.4052	✓	✓	N/A
Quadro 5000	9.18.13.4052	✓	✓	N/A
Quadro 6000	9.18.13.4052	✓	✓	N/A
Quadro K2000	9.18.13.4052	✓	✓	N/A
Quadro K4000	9.18.13.4052	✓	✓	N/A
Quadro K5000	9.18.13.4052	✓	✓	N/A
Quadro K6000	9.18.13.4052	✓	✓	N/A
Quadro K2200	9.18.13.4052	✓	✓	N/A
Quadro K4200	9.18.13.4052	✓	✓	N/A
Quadro K5200	9.18.13.4052	✓	✓	N/A
Quadro M6000	9.18.13.4752	✓	✓	N/A
Quadro K1100M	9.18.13.4144	✓	✓	N/A
Quadro K2100M	9.18.13.4144	✓	✓	N/A
Quadro K4100M	9.18.13.4144	✓	✓	N/A
Quadro K5100M	9.18.13.4144	✓	✓	N/A
GeForce® GTX 690	9.18.13.4752	✓	✓	N/A

Professional Graphics Cards & Driver Certification for Autodesk 3ds Max 2016 for Microsoft Windows				
GeForce GTX TITAN	9.18.13.4752	✓	✓	N/A
GeForce GTX TITAN Z	9.18.13.4752	✓	✓	N/A
AMD™				
FirePro™ W5000	14.301.1019.0	✓	✓	⚠
FirePro W7000	14.301.1019.0	✓	✓	⚠
FirePro W8000	14.301.1019.0	✓	✓	⚠
FirePro W9000	14.301.1019.0	✓	✓	⚠
FirePro W5100	14.301.1019.0	✓	✓	⚠
FirePro W7100	14.301.1019.0	✓	✓	⚠
FirePro W8100	14.301.1019.0	✓	✓	⚠
FirePro W9100	14.301.1019.0	✓	✓	⚠
FirePro M5100	13.352.1014	✓	✓	⚠
FirePro M6100	13.352.1014	✓	✓	⚠
INTEL®				
Intel HD Graphics P4600	10.18.14.4156	✓	✓	N/A
Intel HD Graphics P4700	14.301.1019.0	✓	✓	N/A
Intel HD Graphics P530	10.18.15.4279	✓	✓	N/A
Intel Iris™ Pro Graphics P6300	10.18.14.4223	✓	✓	N/A

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 3ds Max 2016 for Microsoft Windows				
Graphics Cards	Driver	OS	Caveat / Limitation	Workaround

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

AMD Professional Graphics Cards Caveats & Limitations				
Autodesk 3ds Max 2016 for Microsoft Windows				
Graphics Cards	Driver	OS	Caveat / Limitation	Workaround
All certified AMD cards	14.301.1019.0 13.352.1014	Win7 Win8.1	Alpha to coverage is not displayed properly in Viewport. (reported to AMD)	—

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

INTEL Professional Graphics Cards Caveats & Limitations				
Autodesk 3ds Max 2016 for Microsoft Windows				
Graphics Cards	Driver	OS	Caveat / Limitation	Workaround

Consumer Graphics Cards

The following table provides a list of tested NVIDIA GeForce® and AMD Radeon™ consumer graphics cards and driver versions for Autodesk 3Ds Max 2016.

Important: Although Autodesk tested the NVIDIA GeForce and AMD Radeon consumer graphics cards, it is Autodesk, NVIDIA, and AMD policy to only recommend and support the professional NVIDIA Quadro and AMD FirePro 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

Legend

★	Tested
✘	Certification failed due to serious problems
⚠	Caveats

Consumer Graphics Card & Driver Testing for Autodesk 3ds Max 2016 for Microsoft Windows				
Graphics Cards	Driver	Windows 7 SP1 x64	Windows 8.1 x64	Caveats
NVIDIA				
GeForce® GTX 465	9.18.13.4752	★	★	N/A
GeForce GTX 550	9.18.13.4752	★	★	N/A
GeForce GTX 560	9.18.13.4752	★	★	N/A
GeForce GTX 580	9.18.13.4752	★	★	N/A
GeForce GTX 660	9.18.13.4752	★	★	N/A
GeForce GTX 680	9.18.13.4752	★	★	N/A
GeForce GTX 760	9.18.13.4752	★	★	N/A
GeForce GTX 780	9.18.13.4752	★	★	N/A
GeForce GTX 980	9.18.13.4752	★	★	N/A
AMD				
Radeon HD 6670	14.501.1003	★	★	⚠
Radeon HD 6870	14.501.1003	★	★	⚠

Consumer Graphics Card & Driver Testing for Autodesk 3ds Max 2016 for Microsoft Windows				
Radeon HD 6970	14.501.1003	★	★	⚠
Radeon HD 7770	14.501.1003	★	★	⚠
Radeon HD 7870	14.501.1003	★	★	⚠
Radeon HD 7970	14.501.1003	★	★	⚠
Radeon R7 260x	14.501.1003	★	★	⚠
Radeon R9 280x	14.501.1003	★	★	⚠
Radeon R9 290x	14.501.1003	★	★	⚠

Consumer Graphics Cards Caveats & Limitations

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

NVIDIA Consumer Graphics Cards Caveats & Limitations				
Autodesk 3ds Max 2016 for Microsoft Windows				
Graphics Cards	Driver	OS	Caveat / Limitation	Workaround

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

AMD Consumer Graphics Cards Caveats & Limitations				
Autodesk 3ds Max 2016 for Microsoft Windows				
Graphics Cards	Driver	OS	Caveat / Limitation	Workaround
All tested AMD cards	14.501.1003	Win7 Win8.1	Alpha to coverage is not displayed properly in Viewport. (reported to AMD)	—

Operating System Dependent & Miscellaneous Issues

Autodesk 3ds Max 2016 is not certified, supported nor tested on Microsoft Windows 10. While the product should work, compatibility between the product, the operating system and the drivers isn't guaranteed.

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