



# AUTODESK® 3DS MAX® 2018

## Autodesk® 3ds Max® 2018

### Graphics Hardware Certification

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#### Microsoft® Windows® Platform

Last updated: November 4<sup>th</sup> 2017.

#### Readme First

The information contained in the Readme First document applies to all hardware Certifications executed on the Autodesk® Media and Entertainment 2018 software product releases and should be acknowledged by all users prior to consulting the Certification charts.

#### What's New

AMD certification on 3ds Max 2018 is now completed. The new Radeon Pro WX 9100 results are in. You will notice that only results for Desktop Graphics Cards are listed below, both Pros and Consumers. For system certification results, please refer to each specific hardware vendor's website.

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## Important Notes

The following describes important notes related to the graphics hardware certification for the for the Autodesk 3ds Max 2018 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 Windows 7, Windows 8.1 and Windows 10. 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 2018. Click on the Caveat icon to be redirect to the specific caveats related to your Graphics Card.

	Certified
	Certification failed due to serious problems
	Caveats
	Pending...

Professional Graphics Cards & Driver Certification for Autodesk 3ds Max 2018 for Microsoft Windows					
Graphics Cards	Driver	Windows 7 SP1 x64	Windows 8.1 x64	Windows 10	Caveats
<b>NVIDIA®</b>					
Quadro GP100	385.08	N/A	N/A	✓	N/A
Quadro P6000	385.08	N/A	N/A	✓	N/A
Quadro P5000	385.08	N/A	N/A	✓	N/A
Quadro P4000	385.08	N/A	N/A	✓	N/A
Quadro P2000	385.08	N/A	N/A	✓	N/A
Quadro M6000 24GB	385.08	✓	N/A	✓	N/A
Quadro M6000	385.08	✓	N/A	✓	N/A
Quadro M5000	385.08	✓	N/A	✓	N/A
Quadro M4000	385.08	✓	N/A	✓	N/A
Quadro M2000	385.08	✓	N/A	✓	N/A
Quadro K5200	377.05	✓	N/A	✓	N/A
Quadro K4200	377.05	✓	N/A	✓	N/A
Quadro K2200	377.05	✓	N/A	✓	N/A
Quadro K6000	377.05	✓	N/A	✓	N/A
Quadro K5000	377.05	✓	N/A	✓	N/A

Professional Graphics Cards & Driver Certification for Autodesk 3ds Max 2018 for Microsoft Windows					
Quadro K4000	377.05	✓	N/A	✓	N/A
Quadro K2000	377.05	✓	N/A	✓	N/A
<b>AMD™</b>					
FirePro™ W5000	17.10.1	✓	N/A	✓	N/A
FirePro W7000	17.10.1	✓	N/A	✓	N/A
FirePro W8000	17.10.1	✓	N/A	✓	N/A
FirePro W9000	17.10.1	✓	N/A	✓	N/A
FirePro W5100	17.10.1	✓	N/A	✓	N/A
FirePro W7100	17.10.1	✓	N/A	✓	N/A
FirePro W8100	17.10.1	✓	N/A	✓	N/A
FirePro W9100	17.10.1	✓	N/A	✓	N/A
FirePro M5100	17.10.1	✓	N/A	✓	N/A
FirePro M6100	17.10.1	✓	N/A	✓	N/A
Radeon Pro Duo	17.10.1	✓	N/A	✓	N/A
Radeon Pro WX 9100	17.10.1	✓	N/A	✓	N/A
Radeon Pro WX 7100	17.10.1	✓	N/A	✓	N/A
Radeon Pro WX 5100	17.10.1	✓	N/A	✓	N/A
Radeon Pro WX 4100	17.10.1	✓	N/A	✓	N/A
<b>INTEL®</b>					
Intel HD Graphics P4600		N/A	N/A	N/A	N/A
Intel HD Graphics P4700		N/A	N/A	N/A	N/A
Intel HD Graphics P530		N/A	N/A	N/A	N/A
Intel Iris™ Pro Graphics P6300		N/A	N/A	N/A	N/A
Skylake Iris Pro Graphics P580		N/A	N/A	N/A	N/A

Professional Graphics Cards & Driver Certification for Autodesk 3ds Max 2018 for Microsoft Windows					
Kabylake Pro Graphics P630		N/A	N/A	N/A	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 2018 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 2018 for Microsoft Windows				
Graphics Cards	Driver	OS	Caveat / Limitation	Workaround

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

INTEL Professional Graphics Cards Caveats & Limitations				
Autodesk 3ds Max 2018 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 2017. Click on the Caveat icon to be redirected to the specific caveats related to your Graphics Card.























**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](mailto:NVIDIAAutodeskhelp@nvidia.com)

AMD/ATI: <http://emailcustomercare.amd.com>

	Tested
	Certification failed due to serious problems
	Caveats
	Pending...

Consumer Graphics Card & Driver Testing for Autodesk 3ds Max 2018 for Microsoft Windows					
Graphics Cards	Driver	Windows 7 SP1 x64	Windows 8.1 x64	Windows 10	Caveats
<b>NVIDIA</b>					
GeForce GTX 550	385.41		N/A		N/A
GeForce GTX 560	385.41		N/A		N/A
GeForce GTX 580	385.41		N/A		N/A
GeForce GTX 660	385.41		N/A		N/A
GeForce GTX 680	385.41		N/A		N/A
GeForce GTX 690	385.41		N/A		N/A
GeForce GTX 760	385.41		N/A		N/A
GeForce GTX 780	385.41		N/A		N/A
GeForce GTX 980	385.41		N/A		N/A
GeForce GTX 1080	385.41		N/A		N/A
GeForce GTX TITAN	385.41		N/A		N/A

Consumer Graphics Card & Driver Testing for Autodesk 3ds Max 2018 for Microsoft Windows					
GeForce GTX TITANX	385.41	★	N/A	★	N/A
GeForce GTX TITANZ	385.41	★	N/A	★	N/A
AMD					
Radeon HD 6670	17.10	★	N/A	★	N/A
Radeon HD 6870	17.10	★	N/A	★	N/A
Radeon HD 6970	17.10	★	N/A	★	N/A
Radeon HD 7770	17.10	★	N/A	★	N/A
Radeon HD 7870	17.10	★	N/A	★	N/A
Radeon HD 7970	17.10	★	N/A	★	N/A
Radeon R7 260x	17.10	★	N/A	★	N/A
Radeon R9 280x	17.10	★	N/A	★	N/A
Radeon R9 290x	17.10	★	N/A	★	N/A

## 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 2018 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 2018 for Microsoft Windows				
Graphics Cards	Driver	OS	Caveat / Limitation	Workaround



## **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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