3 AUTODESK®
3DS MAX® 2019

Autodesk® 3ds Max® 2019

Graphics Hardware Certification

Microsoft® Windows® Platform

Last updated: June 13th 2018.

Readme First

The information contained in the Readme First document applies to all hardware Certifications executed on the Autodesk® Media and Entertainment 2019 software product releases and should be acknowledged by all users prior to consulting the Certification charts.

What's New

Certification is now complete for current supported NVIDIA Quadro lineup board! Results for AMD should be coming in shortly.

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 2019 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 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 2019. 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 2019 for Microsoft Windows				
Graphics Cards	Driver	Windows 7 SP1 x64	Windows 10	Caveats
NVIDIA®				
Quadro GV100	391.33	N/A	✓	N/A
Quadro P6000	391.33	N/A	✓	N/A
Quadro P5000	391.33	N/A	✓	N/A
Quadro P4000	391.33	N/A	✓	N/A
Quadro P2000	391.33	N/A	✓	N/A
Quadro M6000 24GB	391.33	✓	✓	N/A
Quadro M6000	391.33	✓	✓	N/A
Quadro M5000	391.33	✓	✓	N/A
Quadro M4000	391.33	✓	✓	N/A
Quadro M2000	391.33	✓	✓	N/A
Quadro K5200	391.33	✓	✓	N/A
Quadro K4200	391.33	✓	✓	N/A
Quadro K2200	391.33	✓	✓	N/A
AMD™				
FirePro™ W5000	N/A	⧗	⧗	N/A

Professional Graphics Cards & Driver Certification for Autodesk 3ds Max 2019 for Microsoft Windows					
FirePro W7000	N/A	⌛	⌛	N/A
FirePro W8000	N/A	⌛	⌛	N/A
FirePro W9000	N/A	⌛	⌛	N/A
FirePro W5100	N/A	⌛	⌛	N/A
FirePro W7100	N/A	⌛	⌛	N/A
FirePro W8100	N/A	⌛	⌛	N/A
FirePro W9100	N/A	⌛	⌛	N/A
FirePro M5100	N/A	⌛	⌛	N/A
FirePro M6100	N/A	⌛	⌛	N/A
Radeon Pro Duo	N/A	⌛	⌛	N/A
Radeon Pro WX 9100	N/A	⌛	⌛	N/A
Radeon Pro WX 7100	N/A	⌛	⌛	N/A
Radeon Pro WX 5100	N/A	⌛	⌛	N/A
Radeon Pro WX 4100	N/A	⌛	⌛	N/A
Radeon Pro WX 3100	N/A	⌛	⌛	N/A
Radeon Pro WX 2100	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 2019 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 2019 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 2019. Click on the Caveat icon to be redirect 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

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

⭐	Tested
✖	Testing failed due to serious problems
⚠	Caveats
⧖	Pending…

Consumer Graphics Card & Driver Testing for Autodesk 3ds Max 2019 for Microsoft Windows				
Graphics Cards	Driver	Windows 7 SP1 x64	Windows 10	Caveats
NVIDIA				
GeForce GTX 660	398.11	⭐	⭐	N/A
GeForce GTX 680	398.11	⭐	⭐	N/A
GeForce GTX 690	398.11	⭐	⭐	N/A
GeForce GTX 760	398.11	⭐	⭐	N/A
GeForce GTX 780	398.11	⭐	⭐	N/A
GeForce GTX 980	398.11	⭐	⭐	N/A
GeForce GTX 1080	398.11	⭐	⭐	N/A
GeForce GTX TITAN	398.11	⭐	⭐	N/A
GeForce GTX TITANX	398.11	⭐	⭐	N/A
GeForce GTX TITANZ	398.11	⭐	⭐	N/A

Consumer Graphics Card & Driver Testing for Autodesk 3ds Max 2019 for Microsoft Windows				
AMD				
Radeon HD 6670	18.5.1	⭐	⭐	N/A
Radeon HD 6870	18.5.1	⭐	⭐	N/A
Radeon HD 6970	18.5.1	⭐	⭐	N/A
Radeon HD 7770	18.5.1	⭐	⭐	N/A
Radeon HD 7870	18.5.1	⭐	⭐	N/A
Radeon HD 7970	18.5.1	⭐	⭐	N/A
Radeon R7 260x	18.5.1	⭐	⭐	N/A
Radeon R9 280x	18.5.1	⭐	⭐	N/A
Radeon R9 290x	18.5.1	⭐	⭐	N/A

Consumer Graphics Cards Caveats & Limitations

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NVIDIA Consumer Graphics Cards Caveats & Limitations				
Autodesk 3ds Max 2019 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 2019 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.

Disclaimer