



# AUTODESK® 3DS MAX® 2022

## Autodesk® 3ds Max® 2022

### Graphics Hardware Certification

---

#### Microsoft® Windows® Platform

Last updated: July 5<sup>th</sup> 2021.

#### Readme First

The information contained in the Readme First document applies to all hardware Certifications executed on the Autodesk® Media and Entertainment 2022 software product releases and should be acknowledged by all users prior to consulting the Certification charts.

#### What's New

You can now find all NVIDIA® and AMD™ certified and supported graphics cards with 3ds Max 2022.

- 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



## Important Notes

The following describes important notes related to the graphics hardware certification for the for the Autodesk 3ds Max 2022 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 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 2022. 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 2022 for Microsoft Windows			
Graphics Cards	Driver	Windows 10	Caveats
<b>NVIDIA®</b>			
A6000	462.59		
A5000	462.59		
A4000	462.59		
Quadro RTX™ 8000			N/A
Quadro RTX 6000			N/A
Quadro RTX 5000			N/A
Quadro RTX 4000			N/A
Quadro GV™ 100			N/A
Quadro GP™ 100			N/A
Quadro P6000			N/A
Quadro P5200			N/A
Quadro P5000			N/A
Quadro P4000			N/A
Quadro P2000			N/A

Professional Graphics Cards & Driver Certification for Autodesk 3ds Max 2022 for Microsoft Windows			
Quadro P1000			N/A
Quadro P620			N/A
Quadro P600			N/A
Quadro P400			N/A
Quadro M6000 24GB			N/A
Quadro M6000			N/A
Quadro M5000			N/A
Quadro M4000			N/A
Quadro M2000			N/A
Quadro K6000			N/A
Quadro K5200			N/A
Quadro K5000			N/A
Quadro K4000			N/A
Quadro K2000			N/A
Quadro K1200			N/A
Quadro K620			N/A
Quadro K420			N/A
T2000			N/A
T1000			N/A
T600			N/A
T500			N/A
T400			N/A
<b>AMD™</b>			
Radeon Pro VII	21.Q2		
Radeon PRO W6800	21.Q2		
Radeon PRO W6600	21.Q2		
Radeon Pro W5700	21.Q2		

Professional Graphics Cards & Driver Certification for Autodesk 3ds Max 2022 for Microsoft Windows			
Radeon Pro W5500	21.Q2	✓	
Radeon Pro WX 9100	⌚	⌚	N/A
Radeon Pro WX 8200	⌚	⌚	N/A
Radeon Pro WX 7100	⌚	⌚	N/A
Radeon Pro WX 5100	⌚	⌚	N/A
Radeon Pro WX 4100	⌚	⌚	N/A
Radeon Pro WX 3200	21.Q2	✓	
Radeon Pro WX 3100	⌚	⌚	N/A
Radeon Pro WX 2100	⌚	⌚	N/A
Radeon Pro SSG	⌚	⌚	N/A
<b>Intel®</b>			
UHD Graphics P630	⌚	⌚	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 2022 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 2022 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 2022 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 2022. 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
	Testing failed due to serious problems
	Caveats
	Pending...

Consumer Graphics Card & Driver Testing for Autodesk 3ds Max 2022 for Microsoft Windows			
Graphics Cards	Driver	Windows 10	Caveats
<b>NVIDIA</b>			
GeForce GTX 960			N/A
GeForce GTX 970			N/A
GeForce GTX 980			N/A
GeForce GTX 980 Ti			N/A
GeForce GTX 1050			N/A
GeForce GTX 1050 Ti			N/A
GeForce GTX 1060			N/A
GeForce GTX 1070			N/A
GeForce GTX 1070 Ti			N/A
GeForce GTX 1080			N/A

Consumer Graphics Card & Driver Testing for Autodesk 3ds Max 2022 for Microsoft Windows			
GeForce GTX 1080 Ti			N/A
GeForce GTX 1650			N/A
GeForce GTX 1650 SUPER			N/A
GeForce GTX 1660			N/A
GeForce GTX 1660 Ti			N/A
GeForce GTX 1660 SUPER			N/A
GeForce RTX2060			N/A
GeForce RTX2060 SUPER			N/A
GeForce RTX 2070			N/A
GeForce RTX 2070 SUPER			N/A
GeForce RTX 2080			N/A
GeForce RTX 2080 Ti			N/A
GeForce RTX 2080 SUPER			N/A
GeForce RTX 3060			N/A
GeForce RTX 3060 Ti			N/A
GeForce RTX 3070			N/A
GeForce RTX 3080			N/A
GeForce RTX 3090			N/A
GeForce GTX TITAN V			N/A
GeForce GTX TITAN X			N/A
GeForce GTX TITAN XP			N/A
GeForce GTX TITAN Z			N/A
GeForce TITAN RTX			N/A



Consumer Graphics Card & Driver Testing for Autodesk 3ds Max 2022 for Microsoft Windows			
AMD			
Radeon HD 7770			N/A
Radeon HD 7870			N/A
Radeon HD 7970			N/A
Radeon R7 260x			N/A
Radeon R9 280x			N/A
Radeon R9 290x			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 2022 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 2022 for Microsoft Windows				
Graphics Cards	Driver	OS	Caveat / Limitation	Workaround

## **Operating System Dependent & Miscellaneous Issues**

Autodesk 3ds Max 2022 is not certified, supported nor tested on Microsoft Windows 7. While the product should work, compatibility between the product, the operating system and the drivers aren't guaranteed.

**© 2020 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.