

AUTODESK® 3DS MAX® 2009 / 3DS MAX DESIGN® 2009

WORKSTATIONS/MOBILE STATIONS HARDWARE QUALIFICATION

Microsoft® Windows® Platform

Last updated: June 19, 2009.

Readme First

The information contained in the [Readme First](#) document applies to all hardware qualification executed on the Autodesk 3ds Max 2009 software product release and should be acknowledged by all users prior consulting the qualification charts.

What's New

Fujitsu R670 now added in our list of supported hardware. Updated results for HP Z400, Z600, Dell T3500, T7500, Lenovo S20, D20 and Dell notebooks.

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Important Notes & Disclaimers

- Please refer to the [graphics hardware page](#) to obtain further information on the graphics cards that have been qualified for 3ds Max 2009
- Please refer to the hardware vendor site to get a list of all supported graphics cards for the workstations listed below
- All hardware qualification done on 3ds Max 2009 have been performed using the following configuration:
 - Single screen at resolution of 1920x1200 (60Hz)
 - 4 GB of RAM (workstations) 2 GB of RAM (laptops)
 - SATA drives
 - Virtual memory (swap file size) : maximum size set to 4 GB
 - Microsoft Windows *Classic* Theme
 - Visual Effects Settings adjusted for 'best performance' (found in the performance options of system properties)
 - 3ds Max/3ds Max Design Autocam feature (Viewcube & SteeringWheel) disabled.
- All qualifications done on *Microsoft Vista Business* operating system have been done with the '*desktop composition*' feature disabled (often referred as the AERO feature)
- If you are experiencing additional issues not listed in this document, please search our Knowledge Base or contact customer support (<http://www.autodesk.com/3dsMax-support>)
- It may be possible to successfully use 3ds Max with a non-qualified or partially qualified configuration, but support and maintenance programs will be subject to the Autodesk Support service guidelines
- The graphics drivers specified in this document are the drivers that were used for the qualification process. While it may be possible to use 3ds Max successfully on earlier or later drivers, Autodesk cannot guarantee their performance or behavior. The same apply for the systems configuration described above.

Processors support

Table Legend

- ✓ Qualified and supported
- 👍 Supported (although not officially qualified in our lab).

Processors Qualifications for Autodesk 3ds Max 2009 for Windows	
Processors	Status
INTEL	
Intel® Xeon®	👍
Dual Quad-Core Intel® Xeon®	✓
Quad-Core Intel® Xeon®	👍
Dual-Core Intel® Xeon®	👍
Intel® Core™ Duo	👍
Intel® Pentium® Dual-Core	👍
Intel® Pentium® D	👍
Intel® Core™2 Quad	✓
Intel® Core™2 Extreme	✓
Intel® Core™2 Duo	✓
Intel® Core™2 Duo Mobile	✓
Intel® Centrino®	👍
AMD	
Dual-Core AMD Opteron™	✓
Athlon™ FX	👍
Athlon™ X2 for notebooks	👍
Athlon™ X2 Dual-Core	👍
Second-Generation AMD Opteron™	👍
AMD Opteron™	👍
Quad-Core AMD Opteron™	👍

Workstations /Desktops

The following table lists the workstations (desktops) that have been qualified for the 3ds Max 2009 software product release.

Table Legend

- ✓ Qualified in Autodesk Hardware Qualification Labs
- 📄 Qualification in progress. No issues found so far. Considered as 'Supported' until qualification is officially completed.
- 👉 Qualified with caveats. Refer to

Caveats & Limitations.
- ⌚ Qualification planned. Results coming shortly.
- 👉 Supported (although not officially qualified in our lab).
- 👎 Tested but not supported
- ✗ Qualification failed due to serious problems.
 - Un-tested. Configuration not currently supported by hardware vendor OR no qualification planned.

Workstations/Desktops Qualifications for Autodesk 3ds Max 2009 for Windows				
Model	Windows XP SP2		Windows Vista Business SP1	
	32-bit OS	64-bit OS	32-bit OS	64-bit OS
Hewlett-Packard				
Z800	✓*	👉	👉	✓
Z600	✓*	👉	👉	✓
Z400	✓*	✓	✓	✓
Xw9400 quad core	✓*	👉	👉	✓
Xw9400 dual core	✓	👉	👉	✓
Xw8600	👉	✓	✓	👉
Xw8400	✓	👉	👉	✓
Xw6600	✓	👉	👉	✓
Xw4600	✓	👉	👉	✓
Xw4550				
DELL				

Precision T7500	✓*	👍	👍	✓
Precision T7400	✓	👍	👍	✓
Precision T3500	✓*	👍	👍	✓
Precision T3400	✓	👍	👍	✓
Lenovo				
S20	✓	✓	✓	✓
S10	✓	👍	👍	✓
D20	✓	👍	👍	✓
D10	👍	✓	✓	👍
Fujitsu				
R670	👍	👍	👍	👍
R550	✓	👍	👍	✓
R540	✓	👍	👍	✓
M460	✓	👍	👍	✓
M450	👍	✓	✓	✓

*This was qualified using Windows XP SP3

Mobile stations / Laptops

The following table lists the mobile stations (laptops) that have been qualified for the 3ds Max 2009 software product release.

Mobile Stations/laptops Qualifications for Autodesk 3ds Max 2009 for Windows						
			Windows XP SP2		Windows Vista Business SP1	
Model	Graphics	Driver	32-bit OS	64-bit OS	32-bit OS	64-bit OS
8730w	NVIDIA QuadroFX 3700M	176.87	✓	👍	✓	👍
8730w	NVIDIA QuadroFX 2700M	176.87	👍	👍	👍	✓
8730w	ATI FireGL v5725	8.503.2.1	👍	👍	👍	✓
8710w	NVIDIA QuadroFX 3600M	174.70	✓	👍	👍	✓
8710w	NVIDIA QuadroFX 1600M	174.70	👍	✓	👍	👍

Mobile Stations/laptops Qualifications for Autodesk 3ds Max 2009 for Windows						
			Windows XP SP2		Windows Vista Business SP1	
Model	Graphics	Driver	32-bit OS	64-bit OS	32-bit OS	64-bit OS
8530w	NVIDIA Quadro FX 770M	176.87	👍	👍	👍	✓
8530w	ATI FireGL v5700	8.503.2.1	✓	👍	👍	👍
8510w	NVIDIA Quadro FX 570M	174.70	👍	✓	✓	👍
8510w	ATI FireGL v5600	8.391.7.2	✓	👍	👍	✓
DELL						
Precision M6400	NVIDIA QuadroFX 3700M	179.50	✓*	👍	👍	✓
Precision M4400	NVIDIA Quadro FX 770M	176.88	✓	👍	👍	✓
Precision M6300	NVIDIA QuadroFX 3600M	175.75	👍	👍	👍	👍
Precision M4300	NVIDIA QuadroFX 360M	101.19	👍	✓	✓	👍
Lenovo						
W700	NVIDIA QuadroFX 3700M	176.55	✓	👍	👍	👍
W500	ATI FireGL v5700	8.543	👍	👍	👍	✓
T61P	NVIDIA Quadro FX 570M	174.71 (XP 32-bit) 101.45 (Vista 64-bit)	✓	•	•	✓
Fujitsu						
H270	NVIDIA Quadro FX 770M	175.97	✓	👍	👍	✓
H250	NVIDIA QuadroFX 570M	101.28 (Vista 64-bit) 156.87 (XP 32-bit)	✓	•	•	✓

*This was qualified using Windows XP SP3

Caveats & Limitations

Please make sure to refer to the [graphics qualification document](#) in search for potential caveats that may apply to the graphics card in your mobile station or workstation.

The following table provides a description of work/mobile stations caveats and limitations.

Workstations/Laptops Caveats and Limitations					
Vendor & Model	Graphics	Driver	Operating System	Caveat	Status / Workaround
All	NVIDIA QuadroFX 3700M NVIDIA QuadroFX 2700M	176.56 (HP) 176.55 (Lenovo)	Not specific	Warning for Autodesk Mudbox users: application cannot be used with this driver	Drivers 176.87 (HP) 176.93 (Lenovo) 176.88 (Dell) resolve this issue. Please download from vendor's site.

Operating System Dependent & Miscellaneous Issues

No issues have been reported to this date

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