

AUTODESK® 3DS MAX® 2008

WORKSTATIONS/MOBILE STATIONS HARDWARE QUALIFICATION

Microsoft® Windows® Platform

Last updated: March 30, 2009.

Readme First

The information contained in the [Readme First](#) document applies to all hardware qualification executed on the Autodesk 3ds Max 2008 software product release and should be acknowledged by all users prior consulting the qualification charts.

What's New

Although we have not quite completed all of our qualification activities, most of the mobile stations/workstations below have been marked as 'supported'. Based on our preliminary results, we see no issues that should prevent the use of such hardware with our application.

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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 2008
- 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 2008 have been performed using the following configuration:
 - Single screen at resolution of 1920x1200 (60Hz)
 - A minimum of 4 GB of RAM (workstations) 2 GB of RAM (laptops)
 - SATA drives (except for the HP Z serie)
 - 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)
- 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 2008 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® Pentium® 4	✓
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 2008 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 2008 for Windows				
Model	Windows XP SP2		Windows Vista Ultimate 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	✓	✓	✓ (1)	✓ (1)
Xw8400	✓	✓	✓	✓
Xw6600	✓	✓	✓ (1)	✓ (1)
Xw6400	✓	✓	✓	✓
Xw4600	✓	✓	✓ (1)	✓ (1)
Xw4550	✓	✓	✓	✓
Xw4400	✓	✓	✓	✓
DELL				

Precision T7500	✓*	👍	👍	⌚
Precision T7400	✓	✓	✓	✓
Precision T3500	✓*	👍	👍	⌚
Precision T3400	✓	✓	✓	✓
Precision 690	✓	✓	✓	✓
Precision 670	✓	✓	✓	✓
Precision 390	✓	✓	✓ (1)	✓ (1)
Lenovo				
S20	👍	✓	✓	👍
S10	✓	•	✓ (1)	✓ (1)
D10	✓	✓	✓ (1)	✓ (1)
Fujitsu-Siemens				
R550	✓	👍	👍	✓ (1)
R540	✓	✓	✓	✓
M460	✓	👍	👍	✓ (1)
M450	✓	✓	✓	✓
M440	✓	✓	✓	✓

Note (1) Windows Vista Business was used for this permutation

Mobile stations / Laptops

The following table lists the mobile stations (laptops) that have been qualified for the 3ds Max 2008 software product release.

Mobile Stations/laptops Qualifications for Autodesk 3ds Max 2009 for Windows						
			Windows XP SP2		Windows Vista Ultimate SP1	
Model	Graphics	Driver	32-bit OS	64-bit OS	32-bit OS	64-bit OS
Hewlett-Packard						
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	👍	✓	👍	👍

Mobile Stations/laptops Qualifications for Autodesk 3ds Max 2009 for Windows						
			Windows XP SP2		Windows Vista Ultimate SP1	
Model	Graphics	Driver	32-bit OS	64-bit OS	32-bit OS	64-bit OS
8710w	NVIDIA QuadroFX 1600M	174.70	✓	✓	✓	✓
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	✓	✓	✓	✓
Nw8440	ATI FireGL v5200		✓	•	✓	✓
Nw9440	NVIDIA Quadro FX 1500M		✓	•	✓	✓
DELL						
Precision M6400	NVIDIA QuadroFX 3700M	176.88	👍	👍	👍	👍
Precision M4400	NVIDIA Quadro FX 770M	176.88	👍	✓	✓	👍
Precision M6300	NVIDIA QuadroFX 3600M	175.75	✓	•	•	✓
Precision M4300	NVIDIA QuadroFX 360M	101.19	✓	✓	•	•
Precision M90	NVIDIA QuadroFX 2500M		✓	✓	✓	✓
Precision M65	NVIDIA QuadroFX 350M		✓	✓	✓	✓
Lenovo						
W700	NVIDIA QuadroFX 3700M	176.93	✓	👍	👍	✓
W500	ATI FireGL v5700	8.543	✓ (1)	👍	👍	✓
T61P	NVIDIA Quadro FX 570M	174.71 (XP 32-bit) 101.45 (Vista 64-bit)	✓	•	✓	✓

Mobile Stations/laptops Qualifications for Autodesk 3ds Max 2009 for Windows						
			Windows XP SP2		Windows Vista Ultimate SP1	
Model	Graphics	Driver	32-bit OS	64-bit OS	32-bit OS	64-bit OS
T6oP	ATI FireGL v5250		✓	•	✓	✓
Z61P	ATI FireGL v5200		✓	•	✓	•
Fujitsu-Siemens						
H27o	NVIDIA Quadro FX 77oM	175.97	✓	👍	👍	✓

Note (1) Windows XP SP3 was used for this permutation

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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