

AUTODESK® MAYA® 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 Maya 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.

CONTENTS

README FIRST

WHAT'S NEW

IMPORTANT NOTES & DISCLAIMERS

PROCESSORS SUPPORT

WORKSTATIONS / DESKTOPS

MOBILE STATIONS / LAPTOPS

CAVEATS & LIMITATIONS

OPERATING SYSTEM DEPENDENT &

MISCELLANEOUS ISSUES

SEND FEEDBACK ON THIS DOCUMENT

Important Notes & Disclaimers

- Please refer to the [graphics hardware page](#) to obtain further information on the graphics cards that have been qualified for Maya 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 Maya 2009 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 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)
- 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/maya-support>)
- It may be possible to successfully use Maya 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 Maya 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 Maya 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 Maya 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 yet officially qualified in our lab. Qualification may or may not be planned on this configuration.
- 👎 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 Maya 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	✓	👍	👍	✓
Xw8600	👍	✓	✓	👍
Xw6600	👍	✓	✓	👍
Xw4600	👍	✓	👍	👍
DELL				
Precision T7500	✓*	👍	👍	✓
Precision T7400	👍	✓	👍	👍
Precision T3500	✓*	👍	👍	✓
Precision T3400	👍	✓	✓	👍

Workstations/Desktops Qualifications for Autodesk Maya 2009 for Windows				
Model	Windows XP SP2		Windows Vista Business SP1	
	32-bit OS	64-bit OS	32-bit OS	64-bit OS
Lenovo				
S20	✓	✓	✓	✓
S10	👍	👍	👍	✓
D20	✓	👍	👍	✓
D10	👍	✓	✓	👍
Fujitsu				
R670	👍	👍	👍	👍
R550	✓	👍	👍	👍
R540	✓	👍	👍	👍
M460	✓	👍	👍	✓

*This permutations was performed on XP SP3

Mobile stations / Laptops

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

Mobile Stations/laptops Qualifications for Autodesk Maya 2009 for Windows						
Model	Graphics	Driver	Windows XP SP2		Windows Vista Business SP1	
			32-bit OS	64-bit OS	32-bit OS	64-bit OS
Hewlett-Packard						
8730w	NVIDIA QuadroFX 3700M	176.56	👍	👍	👍	👍
	NVIDIA QuadroFX 3700M	176.87	👍	👍	✓	👍
8730w	NVIDIA QuadroFX 2700M	176.56	👍	👍	👍	👍
	NVIDIA QuadroFX	176.87	👍	👍	👍	✓

Mobile Stations/laptops Qualifications for Autodesk Maya 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
	2700M					
8730W	ATI FireGL v5725	8.503.2.1	👍	👍	👍	✓
8710W	NVIDIA QuadroFX 1600M	174.70	✓	✓	✓	✓
8530W	NVIDIA Quadro FX 770M	179.72	👍	✓	👍	👍
		176.87	✗	✗	👍	✓
		176.56	👍	👍	👍	👍
8530W	ATI FireGL v5700	8.503.2.1	👍	👍	👍	👍
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	✓	👍	👍	👍
Lenovo						
W700	NVIDIA QuadroFX 3700M	176.93	✓	👍	👍	✓
W500	ATI FireGL v5700	8.543	✓	👍	👍	✓
Fujitsu						
H270	NVIDIA Quadro FX 770M	176.78	✗	✗	•	•
		175.97	✓	👍	👍	✓
H250	NVIDIA QuadroFX 570M		👍	👍	👍	👍

Caveats & Limitations

Please make sure to refer to the [graphics qualification document](#) in search for potential caveats that may apply to graphics card models similar to the one you have 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 770M	176.87 (HP) 176.88 (DELL) 176.8x (Others)	Microsoft Windows XP SP2 32 and 64 bits	Bug 322394 - The screen will flash after a few minutes of using Maya, making it unusable. This only happens when the 'overlay' setting is ON (which is the default setting in the Maya graphics presets)	Workaround is to disable the overlay, although this may result in loss of functionality in the application. Issue reported to NVIDIA. The fix should be available later in March
HP 8730w	NVIDIA QuadroFX 3700M	176.56, 176.06 176.87	Not specific	Bug 311916 Zoom extend function may lag and be slow to respond at times	Minor Issue. No workaround. Issue reported to NVIDIA (Ref: 475276)
HP 8530w	NVIDIA QuadroFX 2700M				
HP 8730w	ATI FireGL V5725	8.503.2.1	Not specific	Bug #304985 Paint Effects brushes that use geometry may cause artifacts to appear in the viewport	No workaround. Issue reported to vendor
HP 8530w	ATI FireGL v5700				
ALL	ALL	Not specific	Microsoft Vista	Bug #302379 Audio and animation playback may be out	

Workstations/Laptops Caveats and Limitations					
Vendor & Model	Graphics	Driver	Operating System	Caveat	Status / Workaround
				of sync at times	
All	NVIDIA QuadroFX 3700M NVIDIA QuadroFX 2700M	176.56 (HP) 176.55 (Lenovo) 176.53 (Dell)	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

The following limitations/caveats are still being investigated. Autodesk has not identified the precise combination of factors involved. Please refer to the “Release Notes” for further details on known issues with Maya.

Limitation / Caveat		
Bug Number	OS	Description / Workaround

Send Feedback on this Document

Did you find what you were looking for? Was this document useful to you?

We would like to hear your thoughts on the content and presentation of this document. If you are interested in providing such feedback, please go to the following link:

[Survey Link](#)

Note: We monitor this feedback on a monthly basis.