

AUTODESK® MAYA® 2008 EXTENSION2

WORKSTATIONS/MOBILE STATIONS HARDWARE QUALIFICATION

Microsoft® Windows® Platforms

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 2008 Extension2 software product release and should be acknowledged by all users prior consulting the qualification charts.

What's New

Updated results for HP Z400, Dell T7500, T3500 and notebook M4400. Fujitsu R670 now listed as a supported workstation.

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

- If your workstation is not listed in this document, please refer to the [Maya 2008 Qualification Chart](#) as additional workstations and portable computers were qualified on that version. Note that all workstations qualified on Maya 2008 are also supported on Maya 2008 Ext2.
- Please refer to the graphics hardware page to obtain further information on the graphics cards that have been qualified for [Maya 2008](#) and [Maya 2008 Extension 2](#).
- 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 2008 Extension 2 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 2008 Ext2 for Windows	
Processors	Status
INTEL	
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® 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 2008 Ext2 software product release.

Table Legend

- ✓✓ Qualified On Maya 2008 Ext2 in Autodesk Hardware Qualification Labs
- ✓ Previously qualified on Maya 2008 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).
- 👎 Tested but not supported
- ✗ Qualification failed due to serious problems.
- Un-tested. Configuration not currently supported by hardware vendor OR no qualification planned.

Note that with the exception of the new Xw9400 quad core, all other workstations were qualified using NVIDIA driver 169.61 and ATI driver 8.44.

Workstations/Desktops Qualifications for Autodesk Maya 2008 Ext2 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 dual core	✓	✓	✓	✓
Xw9400 quad core	✓✓*	👉	👉	✓✓
Xw8600	✓	✓	✓	✓
Xw8400	✓	✓	✓	✓
Xw6600	✓	✓	✓	✓

Workstations/Desktops Qualifications for Autodesk Maya 2008 Ext2 for Windows				
Model	Windows XP SP2		Windows Vista Business SP1	
	32-bit OS	64-bit OS	32-bit OS	64-bit OS
Xw4600	✓	✓	✓	✓
Xw4550	✓	✓	✓	✓
DELL				
Precision T7500	✓✓*	👍	👍	✓✓
Precision T7400	✓	✓	✓	✓
Precision T3500	✓✓*	👍	👍	✓✓
Precision T3400	✓	✓	✓	✓
Lenovo				
S20	👍	✓✓	✓✓	👍
S10	✓	✓	✓	✓
D20	✓✓	👍	👍	✓✓
D10	✓	✓	✓	✓
Fujitsu				
R670	👍	👍	👍	👍
R550	✓✓	👍	👍	✓✓
R540	✓	✓	✓	✓
M460	✓✓	👍	👍	✓✓
M450	✓	✓	✓	✓

*this permutation was done using WindowsXP SP3

Mobile stations / Laptops

The following table lists the mobile stations (laptops) that have been qualified for the Maya 2008 Ext 2 software product release.

Mobile Stations/laptops Qualifications for Autodesk Maya 2008 Ext2 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	176.87	✓✓	✓✓	✓✓	👍

Mobile Stations/laptops Qualifications for Autodesk Maya 2008 Ext2 for Windows

			Windows XP SP2		Windows Vista Business SP1	
Model	Graphics	Driver	32-bit OS	64-bit OS	32-bit OS	64-bit OS
	3700M					
8730W	NVIDIA QuadroFX 2700M	176.87	✓✓	👍	👍	✓✓
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	NVIDIA QuadroFX 570M		✓	✓	✓	✓
8510W	ATI FireGL v5600	8.523.1.1	✓✓	✓	✓	✓✓
DELL						
Precision M6400	NVIDIA Quadro FX 3700M	179.50	✓✓	👍	👍	✓✓
Precision M4400	NVIDIA Quadro FX 770M	179.50	✓✓	👍	👍	✓✓
		176.88	✗	✗	👍	👍
Precision M6300	NVIDIA QuadroFX 570M	175.75	✓	👍	👍	👍
Lenovo						
W700	NVIDIA QuadroFX 3700M	176.55	✓✓	👍	👍	👍
		176.93	👍	👍	👍	✓✓
W500	ATI FireGL v5700	8.543	✓✓	👍	👍	✓✓
T61P	NVIDIA QuadroFX 570M		✓	👍	✓	✓
Fujitsu						
H270	NVIDIA Quadro FX 770M	176.78	✗	✗	👍	✓✓

Mobile Stations/laptops Qualifications for Autodesk Maya 2008 Ext2 for Windows						
			Windows XP SP2		Windows Vista Business SP1	
Model	Graphics	Driver	32-bit OS	64-bit OS	32-bit OS	64-bit OS
		175.97	✓✓	☞	☞	✓✓
H250	NVIDIA QuadroFX 570M	156.87 (XP 32-bit) 156.16 (Vista 32-bit) 101.28 (Vista 64-bit)	✓✓	•	☞	☞

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 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 will be available end of March
Fujitsu-Siemens H250	NVIDIA QuadroFX 570M	101.28 (driver no longer supports by vendor)	Windows Vista Business 64-bit	Maya crashes during painting + playback is lagging	Driver 156.87 (windows XP Sp2) doesn't display those problems
Fujitsu-Siemens H250	NVIDIA QuadroFX 570M	156.16	Windows Vista Business 32-bit	Playback is lagging	Driver 156.87 (windows XP Sp2) doesn't display those problems
HP 8730w HP 8530w	ATI FireGL V5725 ATI FireGL v5700	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
All	NVIDIA QuadroFX 3700M	176.56 (HP) 176.55 (Lenovo)	Not specific	Warning for Autodesk Mudbox users: application cannot be used with this driver	New driver will shortly be released to fix this

Workstations/Laptops Caveats and Limitations					
Vendor & Model	Graphics	Driver	Operating System	Caveat	Status / Workaround
	NVIDIA QuadroFX 2700M				issue.

Operating System Dependent & Miscellaneous Issues

No issues encountered so far.

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