Workstations & Mobile Workstations Qualification

Microsoft® Windows® Platform

Contents

Last updated: December 3rd 2010.

Readme First

The information contained in the Readme First document applies to all hardware qualifications executed on the Autodesk® Media and Entertainment 2011 software product releases and should be acknowledged by all users prior to consulting the Certification charts.

What's New

Certification on new BOXX® and HP® Laptop is now complete.

Autodesk®

Important Notes

- Please refer to the graphics hardware page to obtain further information on the graphics cards that have been Certified for Autodesk 3ds Max 2011, Subscription Advantage Pack and Autodesk 3ds Max Design 2011, Subscription Advantage Pack

- Please refer to the hardware vendor site to get a list of all supported graphics cards for the workstations listed below

- All workstations and mobile stations hardware Certification done on Autodesk 3ds Max 2011, Subscription Advantage Pack and Autodesk 3ds Max Design 2011, Subscription Advantage Pack 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)
    - Virtual memory (swap file size) : maximum size set to 4 GB

- 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 or 3ds Max Design with a non-certified or partially Certified 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 certification process. While it may be possible to use 3ds Max or 3ds Max Design successfully on earlier or later drivers, Autodesk cannot guarantee their performance or behavior. The same apply for the systems configuration described above.

Processor Support

The following table provides a list of supported/Certified processor for the Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows software product releases.

Table Legend

✓	Certified.
🖐	Certified with caveats.
⧗	Certification planned or in progress. Results coming shortly.
👍	Supported although not officially Certified in our lab.
☝	Hardware component falls below minimum system requirements to run the Autodesk product.
✖	Certification failed due to serious problems.
O	No Certification planned OR not applicable.
—	Not yet tested.

Processor Qualifications for Autodesk 3ds Max 2011 & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Windows	
Processor	Processor Support
Processor	Qualification
Intel®	
Intel® Xeon®	👍
Dual Quad-Core™ Intel Xeon	✓
Quad-Core Intel Xeon	👍
Dual-Core Intel Xeon	✓
Intel Core Duo	👍
Intel Pentium® Dual-Core	👍
Intel Core2™ 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	👍

Processor Qualifications for Autodesk 3ds Max 2011 & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Windows	
Processor	Processor Support
Processor	Qualification
Athlon™ X2 Dual-Core	👍
Second-Generation AMD Opteron™	👍
AMD Opteron™	👍
Quad-Core AMD Opteron™	👍

Workstations

The following table provides a list of certified workstations for the Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows software product releases.

Table Legend

✓	Certified.
🖐	Certified with caveats.
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—	Not yet tested.

Workstation Certifications for Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows							
Workstation		Windows XP Professional		Windows Vista® Business SP1		Windows 7	
Brand	Model	SP3 32-bit	X64 SP2 64-bit	32-bit	64-bit	32-bit	64-bit
HP							
Z800 Workstation		☞	✓	☞	✓	☞	✓
Z600 Workstation		☞	✓	☞	✓	☞	✓
Z400 Workstation		☞	✓	☞	✓	☞	✓
Z200 Workstation		☞	✓	☞	✓	☞	✓
Z200 Workstation: Low Profile		☞	✓	☞	✓	☞	✓
Dell							
Precision T7500		☞	✓	☞	✓	☞	✓
Precision T3500		☞	✓	☞	✓	☞	✓
Precision T7400		☞	☞	☞	☞	☞	☞
Precision T3400		☞	☞	☞	☞	☞	☞
Lenovo							
ThinkStation™ D20		☞	✓	☞	✓	⧗	✓
ThinkStation S20		☞	✓	☞	✓	☞	✓

Workstation Certifications for Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows							
Workstation		Windows XP Professional		Windows Vista® Business SP1		Windows 7	
Brand	Model	SP3 32-bit	X64 SP2 64-bit	32-bit	64-bit	32-bit	64-bit
ThinkStation C20		👍	👍	👍	👍	👍	👍
ThinkStation D10		👍	👍	👍	👍	👍	👍
ThinkStation S10		👍	👍	👍	👍	👍	👍
BOXX®							
3D BOXX 8550		👍	✓	👍	✓	👍	✓
3D BOXX 4880		👍	✓	👍	✓	👍	✓
3D BOXX 4860		👍	✓	👍	✓	👍	✓
Fujitsu							
CELSIUS W480		⏳	✓	⏳	✓	⏳	✓
CELSIUS W280		⏳	✓	⏳	✓	⏳	✓
CELSIUS R670		⏳	⏳	👍	✓	⏳	⏳
CELSIUS R570		⏳	⏳	👍	✓	⏳	⏳
CELSIUS M470		👍	👍	👍	✓	👍	✓
CELSIUS M460		⏳	⏳	⏳	⏳	⏳	⏳

Workstation Caveats & Limitations

There are currently no workstation caveats / limitations to report for the current release of this Autodesk product.

Note: Refer to the graphics certification document for potential caveats that may apply to graphics card models similar to the one you have for your workstation.

Microsoft Windows Certification on Macintosh® Platform

The following table lists the Microsoft Windows operating system qualifications performed on the Mac® OS X v10.6.2 Boot Camp®.

Table Legend

✓	Certified.
✋	Certified with caveats.
⧖	Certification planned or in progress. Results coming shortly.
☝	Supported although not officially Certified in our lab.
☞	Hardware component falls below minimum system requirements to run the Autodesk product.
✖	Certification failed due to serious problems.
O	No Certification planned OR not applicable.
—	Not yet tested.

Microsoft Windows Certification on Apple® Mac OS X Boot Camp							
Workstation		Windows XP Professional		Windows Vista Business SP1		Windows 7	
Model & Card	Driver	SP3 32-bit OS	X64 SP2 64-bit	32-bit OS	64-bit OS	32-bit OS	64-bit OS
iMac®							
Apple iMac quad-core Intel Core i7 @ 2.8GHz , ATI Radeon™ HD 4850	8.661.0	☝	✓	☝	✓	☝	✓
Apple iMac Core2 Duo @ 2.8 GHZ, 2 GB RAM, ATI Radeon™ HD 2600 Pro/XT		☞	☞	☞	☞	☞	☞
Mac® Pro							
Apple Mac Pro Dual Quad Xeon @ 2.8 GHZ, 4GB Ram, NVIDIA® GeForce® 8800 GT		☝	☝	☝	☝	☝	☝

Microsoft Windows Certification on Macintosh Platform Caveats

The following table provides a description of Microsoft Windows on Macintosh platform Certification caveats and limitations.

Note: Refer to the graphics certification document for potential caveats that may apply to graphics card models similar to the one you have for your workstation.

Microsoft Windows on Macintosh Caveats & Limitations						
Autodesk 3ds Max 2011 & Autodesk 3ds Max Design 2011 for Microsoft Windows						
Model	Graphic	Driver	OS	Caveat / Limitation	Status	Workaround
All	NVIDIA cards	NA	XP Pro SP3, 32-bit, Vista SP1, 32 and 64-bit	DirectX fails when detaching/reattaching displays (monitors) in Dual view mode. (Bug # 325259)	—	—

Mobile Workstations

The following table provides a list of certified mobile workstations for the Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows software product releases.

Table Legend

✓	Certified.
✋	Certified with caveats.
⧗	Certification planned or in progress. Results coming shortly.
☝	Supported although not officially Certified in our lab.
☞	Hardware component falls below minimum system requirements to run the Autodesk product.
✖	Certification failed due to serious problems.
O	No Certification planned OR not applicable.
—	Not yet tested.

Mobile Workstation Certifications for Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows								
Mobile Workstation			Windows XP Professional		Windows Vista Business SP1		Windows 7	
Brand	Graphic	Driver	SP3 32-bit	X64 Edition SP2	32-bit	64-bit	32-bit	64-bit
HP								
EliteBook™ 8740w	NVIDIA Quadro 5000m	259.12	☝	✓	☝	☝	☝	✓
EliteBook 8740w	NVIDIA Quadro FX 3800m	189.53	☝	✓	☝	☝	☝	✓
EliteBook 8740w	NVIDIA Quadro FX 2800m	189.53	☝	✓	☝	☝	☝	✓
EliteBook 8740w	AMD FirePro M8720	8.742.1.0	☝	✓	☝	☝	☝	✓
EliteBook 8540w	NVIDIA Quadro FX 880M	189.33	☝	✓	☝	☝	☝	✓
EliteBook 8540w	Nvidia Quadro	198.05	☝	✓	☝	☝	☝	✓

Mobile Workstation Certifications for Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows								
Mobile Workstation			Windows XP Professional		Windows Vista Business SP1		Windows 7	
Brand	Graphic	Driver	SP3 32-bit	X64 Edition SP2	32-bit	64-bit	32-bit	64-bit
	FX 1800M							
EliteBook 8540w	AMD FirePro M5800	8.742.1.1000	👍	✓	👍	👍	👍	✓
EliteBook 8440w	Nvidia Quadro FX 380M		👍	👍	👍	👍	👍	👍
EliteBook 8730w	Nvidia Quadro FX 3700M		👍	👍	👍	👍	👍	👍
EliteBook 8730w	Nvidia Quadro FX 2700M		👍	👍	👍	👍	👍	👍
EliteBook 8730w	ATI FireGL v5725		👍	👍	👍	👍	👍	👍
EliteBook 8530w	Nvidia Quadro FX 770M		👍	👍	👍	👍	👍	👍
EliteBook 8530w	ATI FireGL v5700		👍	👍	👍	👍	👍	👍
Dell								
Precision™ M6500	NVIDIA Quadro FX 3800m	188.43	👍	✓	👍	👍	👍	✓
Precision M6500	AMD FirePro M7740	8.702	👍	✓	👍	👍	👍	✓
Precision M6500	AMD FirePro M7820	8.723.2	👍	⏳	👍	👍	👍	✓
Precision M4500	NVIDIA Quadro FX 880M	189.21	👍	✓	👍	👍	👍	✓
Precision M4500	Nvidia Quadro FX 1800M	189.21	👍	✓	👍	👍	👍	✓
Precision	Nvidia		👍	👍	👍	👍	👍	👍

Mobile Workstation Certifications for Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows								
Mobile Workstation			Windows XP Professional		Windows Vista Business SP1		Windows 7	
Brand	Graphic	Driver	SP3 32-bit	X64 Edition SP2	32-bit	64-bit	32-bit	64-bit
M6400	Quadro FX 3700M							
Precision M6400	ATI FirePro M7740		👍	👍	👍	👍	👍	👍
Precision M4400	Nvidia Quadro FX 770M		👍	👍	👍	👍	👍	👍
Lenovo								
ThinkPad W701	Nvidia Quadro FX 3800M	188.98	👍	✓	👍	👍	👍	✓
ThinkPad W701	Nvidia Quadro FX 2800M	188.98	👍	✓	👍	👍	👍	✓
ThinkPad W510	Nvidia Quadro FX 880M	189.55	👍	👍	👍	👍	👍	✓
ThinkPad W700	Nvidia Quadro FX 3700M		👍	👍	👍	👍	👍	👍
ThinkPad W500	FireGL V5700		👍	👍	👍	👍	👍	👍
BOXX®								
GoBOXX 2650	Nvidia Quadro FX 3800M	260.99	⭘	⭘	⭘	⭘	👍	✓
GoBOXX 1600	Nvidia Quadro FX 2800M	187.82	⭘	⭘	⭘	⭘	👍	✓
Fujitsu								
Celsius™	Nvidia	187.98	👍	✓	👍	👍	👍	✓

Mobile Workstation Certifications for Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows								
Mobile Workstation			Windows XP Professional		Windows Vista Business SP1		Windows 7	
Brand	Graphic	Driver	SP3 32-bit	X64 Edition SP2	32-bit	64-bit	32-bit	64-bit
H700	Quadro FX 880M							

Mobile Workstation Caveats & Limitations

The following table provides a description of workstations caveats and limitations.

Note: Refer to the graphics certification document for potential caveats that may apply to graphics card models similar to the one you have for your mobile workstation.

Mobile Workstation Caveats & Limitations						
Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows						
Model	Graphic	Driver	OS	Caveat / Limitation	Status	Workaround

Operating System Dependent & Miscellaneous Issues

There are currently no known operating system dependent or miscellaneous issues related to the operating systems supported by the Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows software product releases.

Operating System Dependent & Miscellaneous Issues		
Autodesk 3ds Max 2011, Subscription Advantage Pack & Autodesk 3ds Max Design 2011, Subscription Advantage Pack for Microsoft Windows		
Operating System	Caveat / Limitation	Workaround

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