

## WORKSTATIONS & MOBILE WORKSTATIONS QUALIFICATION

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### MICROSOFT<sup>®</sup> WINDOWS<sup>®</sup> PLATFORM

Last updated: October 1st, 2009.

#### Readme First

The information contained in the [Readme First](#) document applies to all hardware qualifications executed on the Autodesk Media and Entertainment 2010 software product releases and should be acknowledged by all users prior to consulting the qualification charts.

#### What's New

Fujitsu R670 now listed as a supported workstation.

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## Important Notes

- Please refer to the [graphics hardware page](#) to obtain further information on the graphics cards that have been qualified for Autodesk 3ds Max 2010 and Autodesk 3ds Max Design 2010
- 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 qualification done on Autodesk 3ds Max 2010 and Autodesk 3ds Max Design 2010 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
  - 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 or 3ds Max Design 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 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/qualified processor for the Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows software product releases.

### Table Legend

	Qualified.
	Qualified with caveats.
	Qualification planned or in progress. Results coming shortly.
	Supported although not officially qualified in our lab.
	Hardware component falls below minimum system requirements to run the Autodesk product.

- ✘ Qualification failed due to serious problems.
- No qualification planned OR not applicable.
- Not yet tested.

Processor Qualifications for Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Windows		
Processor		Processor Support
Processor	Specification	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 Pentium D	👍
	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	👍
	Athlon™ X2 Dual-Core	👍
	Second-Generation AMD Opteron™	👍
	AMD Opteron™	👍
	Quad-Core AMD Opteron™	👍

## Workstations

The following table provides a list of qualified workstations for the Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows software product releases.

### Table Legend

✓	Qualified.
👉	Qualified with caveats.
🕒	Qualification planned or in progress. Results coming shortly.
👉	Supported although not officially qualified in our lab.
👉	Hardware component falls below minimum system requirements to run the Autodesk product.
✗	Qualification failed due to serious problems.
○	No qualification planned OR not applicable.
—	Not yet tested.

Workstation Qualifications for Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows							
Workstation		Windows® XP Professional		Windows Vista® Business SP1		Windows® 7	
Brand	Model	SP3 32-bit OS	X64 Edition SP2 64-bit OS	32-bit OS	64-bit OS	32-bit OS	64-bit OS
HP							
	Z800 Workstation	✓	✓	✓	✓	—	—
	Z600 Workstation	✓	👉	👉	✓	—	—
	Z400 Workstation	✓	👉	✓	✓	—	—
	xw9400 Workstation Core™ Quad	👉	👉	👉	👉	—	—
	xw9400 dual core	👉	👉	👉	👉	—	—
	xw8600 Workstation	👉	✓	✓	👉	—	—
	xw6600 Workstation	👉	👉	👉	👉	—	—
	xw4600 Workstation	👉	👉	👉	👉	—	—
Dell®							
	Precision T7500	✓	✓	✓	✓	—	—
	Precision T3500	✓	👉	👉	✓	—	—

Workstation Qualifications for Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows							
Workstation		Windows® XP Professional		Windows Vista® Business SP1		Windows® 7	
Brand	Model	SP3 32-bit OS	X64 Edition SP2 64-bit OS	32-bit OS	64-bit OS	32-bit OS	64-bit OS
	Precision T7400	☺	☺	☺	☺	—	—
	Precision T3400	☺	✓	✓	☺	—	—
<b>Lenovo®</b>							
	ThinkStation™ D20	✓	✓	☺	✓	—	—
	ThinkStation S20	✓	✓	✓	✓	—	—
	ThinkStation D10	☺	☺	☺	☺	—	—
	ThinkStation S10	☺	☺	☺	☺	—	—
<b>BOXX®</b>							
	3D BOXX 8500	✓	☺	☺	☺	—	—
	3D BOXX 4850	☺	☺	☺	☺	—	—
<b>Fujitsu®</b>							
	CELSIUS R670	☺	☺	☺	☺	—	—
	CELSIUS R570	☺	☺	☺	☺	—	—
	CELSIUS M470	☺	☺	☺	✓	—	—
	CELSIUS R560	—	—	—	—	—	—
	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 qualification document](#) for potential caveats that may apply to graphics card models similar to the one you have for your workstation.

## Microsoft Windows Qualification on Macintosh® Platform

The following table lists the Microsoft Windows operating system qualifications performed on the Mac OS® X v10.5 Boot Camp®.

### Table Legend

✓	Qualified.
👉	Qualified with caveats.
🕒	Qualification planned or in progress. Results coming shortly.
👉	Supported although not officially qualified in our lab.
👉	Hardware component falls below minimum system requirements to run the Autodesk product.
✗	Qualification failed due to serious problems.
○	No qualification planned OR not applicable.
—	Not yet tested.

Microsoft Windows Qualification 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 Edition SP2 64-bit OS	32-bit OS	64-bit OS	32-bit OS	64-bit OS
<b>iMac®</b>							
Apple iMac Core2 Duo @ 2.8 GHZ, 2 GB RAM, ATI Radeon™ HD 2600 Pro/XT	8,390	👉	○	👉	○	—	—
<b>Mac® Pro</b>							
Apple Mac Pro Dual Quad Xeon @ 2.8 GHZ, 4GB Ram, NVIDIA® GeForce® 8800 GT	167,63	👉	○	👉	👉	—	—

## Microsoft Windows Qualification on Macintosh Platform Caveats

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

**Note:** Refer to the [graphics qualification 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 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows						
Model	Graphic	Driver	OS	Caveat / Limitation	Status	Workaround

Microsoft Windows on Macintosh Caveats & Limitations						
Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows						
Model	Graphic	Driver	OS	Caveat / Limitation	Status	Workaround
iMac Core2 Duo @ 2.8 GHZ, 2 GB RAM	ATI Radeon HD 2600 Pro/XT	8.390	XP Pro SP3, 32-bit	Artifacts may appear on objects while Soft Shadows is active and lights may cast no shadows. (Bug # 326865)	—	—
iMac Core2 Duo @ 2.8 GHZ, 2 GB RAM	ATI Radeon HD 2600 Pro/XT	8.390	Vista SP1, 32-bit	Activating viewport Hardware Shading with Soft Shadows may result in a system blue screen. (Bug # 326565)	—	—
All	NVIDIA cards	NA	XP Pro SP3, 32-bit, Vista SP1, 32 and 64-bit	DirectX fails when detaching/reattaching displays (monitors) in Dualview mode. (Bug # 325259)	—	—

## Mobile Workstations

The following table provides a list of qualified mobile workstations for the Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows software product releases.

### Table Legend

✓	Qualified.
👉	Qualified with caveats.
⌚	Qualification planned or in progress. Results coming shortly.
👉	Supported although not officially qualified in our lab.
💡	Hardware component falls below minimum system requirements to run the Autodesk product.
✗	Qualification failed due to serious problems.
○	No qualification planned OR not applicable.
—	Not yet tested.

### Mobile Workstation Qualifications for Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows

Mobile Workstation			Windows® XP Professional		Windows Vista® Business SP1		Windows® 7	
Brand	Graphic	Driver	SP3 32-bit OS	X64 Edition SP2 64-bit OS	32-bit OS	64-bit OS	32-bit OS	64-bit OS
<b>HP</b>								
EliteBook 8730w	Nvidia Quadro FX 3700M	179.72	☺	☺	☺	☺	—	—
EliteBook 8730w	Nvidia Quadro FX 2700M	179.72	☺	☺	☺	☺	—	—
EliteBook 8730w	ATI FireGL v5725	8.503.2.1	☺	☺	☺	☺	—	—
EliteBook 8530w	Nvidia Quadro FX 770M	179.72	☺	☺	☺	☺	—	—
EliteBook 8530w	ATI FireGL v5700	8.503.2.1	☺	☺	☺	☺	—	—
Compaq™ 8710w	Nvidia Quadro Fx 1600M		—	—	—	—	—	—
Compaq 8510w	ATI FireGL V5600M		—	—	—	—	—	—
Compaq 8510w	NVIDIA Quadro FX 570M		—	—	—	—	—	—
<b>Dell®</b>								
Precision™ M6400	Nvidia Quadro FX 3700M	179.50	✓			✓	—	—
Precision M6400	ATI FirePro M7740		✓			✓	—	—
Precision M4400	Nvidia Quadro FX 770M	179.50	✓			✓	—	—
<b>Lenovo®</b>								
ThinkPad® W700	Nvidia Quadro FX 3700M	176.55	☺	☺	☺	☺	—	—



Mobile Workstation Qualifications for Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows								
Mobile Workstation			Windows® XP Professional		Windows Vista® Business SP1		Windows® 7	
Brand	Graphic	Driver	SP3 32-bit OS	X64 Edition SP2 64-bit OS	32-bit OS	64-bit OS	32-bit OS	64-bit OS
ThinkPad W500	FireGL V5700	8.543	☺	☺	☺	☺	—	—
Fujitsu®								
Celsius H270	Nvidia Quadro FX 770M			☺	☺	☺	—	—

## Mobile Workstation Caveats & Limitations

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

**Note:** Refer to the [graphics qualification 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 2010 & Autodesk 3ds Max Design 2010 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 Dualview mode. (Bug # 325259)	—	—

## 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 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows software product releases.

Operating System Dependent & Miscellaneous Issues		
Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows		
Operating System	Caveat / Limitation	Workaround

Operating System Dependent & Miscellaneous Issues		
Autodesk 3ds Max 2010 & Autodesk 3ds Max Design 2010 for Microsoft Windows		
Operating System	Caveat / Limitation	Workaround
—	None	—
—	None	—

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