



Workstations & Mobile Workstations Certification

Microsoft® Windows® Platform

Last updated: October 27th 2011.

Readme First

The information contained in the [Readme First](#) document applies to all hardware certification for the Autodesk® Media & Entertainment 2012 software product releases and should be consulted by all users prior to consulting the Certification charts.

What's New

Certification wave of the Autodesk® Motionbuilder® 2012 software.

New Toshiba® mobile systems is now certified under Windows 7

- Contents
- Readme First
- What's New
- Important Notes
- Processor Support
- Workstations
- Workstation Caveats and Limitations
- Mobile Workstations
- Mobile Workstation Caveats and Limitations
- Send Feedback on this Document

Important Notes

- Please refer to the [graphics hardware page](#) to obtain further information on the graphics cards that have been certified for Autodesk Motionbuilder 2012.
- Please refer to the hardware vendor site to get a list of all supported graphics cards for the workstations listed below
- If you are experiencing additional issues not listed in this document, please search our support Knowledge Base or contact customer support (<http://www.autodesk.com/motionbuilder-support>)

Processor Support

The following table provides a list of supported/certified processor for the Autodesk Motionbuilder 2012 software release on Microsoft Windows operating system.

Table Legend

✓	Certified
👉	Supported although not officially Certified in our lab

Processor Certification for Autodesk Motionbuilder 2012 for Microsoft Windows		
Processor		
Processor	Specification	Certification
Intel® processors		
Intel® Xeon® processor		👉
Dual Quad-Core Intel Xeon processor		✓
Quad-Core Intel Xeon		👉
Dual-Core Intel Xeon		👉
Intel® Core™ Duo processor		👉
Intel® Pentium® Dual-Core processor		👉
Intel® Core™2 Quad processor		👉
Intel Core 2 Extreme		✓
Intel Core 2 Duo		✓
Intel Core 2 Duo Mobile		✓
Intel® Centrino® processor		✓
Intel® Xeon® processor		👉
AMD™ processors		
Dual-Core AMD Opteron™ processor		✓
Athlon™ FX processor		👉
Athlon™ X2 processor for notebooks		👉
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 Motionbuilder 2012 software product release on Microsoft Windows operating system.

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.
○	No Certification planned OR not applicable.
—	Not yet tested.

Workstation Certification for Autodesk Motionbuilder 2012 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							
	Z™ 800 Workstation	👉	✓	👉	✓	👉	✓
	Z600 Workstation	👉	✓	👉	✓	👉	✓
	Z400 Workstation	👉	✓	👉	✓	👉	✓
	Z210 Workstation	○	○	○	○	👉	✓
	Z200 Workstation	👉	👉	👉	👉	👉	👉
	Z200 Workstation: Low Profile	👉	👉	👉	👉	👉	👉
Dell®							
	Precision™ T1600 Workstation	○	○	○	○	👉	✓
	Precision T7500	👉	✓	👉	✓	👉	✓
	Precision T3500	👉	✓	👉	✓	👉	✓
	Precision T7400	👉	👉	👉	👉	👉	👉
Lenovo®							
	ThinkStation™ E30 Workstation	👉	✓	👉	👉	👉	✓

Workstation Certification for Autodesk Motionbuilder 2012 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	D20	☺	✓	☺	✓	☺	✓
ThinkStation	C20	☺	✓	☺	✓	☺	✓
ThinkStation	S20	☺	✓	☺	☺	☺	✓
ThinkStation	D10	☺	☺	☺	☺	☺	☺
ThinkStation	S10	☺	☺	☺	☺	☺	☺
BOXX®							
3D Boxx®	8550 Workstation	☺	✓	☺	✓	☺	✓
3D Boxx	8520	☺	✓	☺	✓	☺	✓
3D Boxx	7620	☺	✓	☺	✓	☺	✓
3D Boxx	4880	☺	✓	☺	✓	☺	✓
3D Boxx	4860	☺	✓	☺	✓	☺	✓
Fujitsu®							
CELSIUS™	W480 Workstation	☺	✓	☺	✓	☺	✓
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.

Mobile Workstations

The following table provides a list of certified mobile workstations for the Autodesk Motionbuilder 2012 software product release on Microsoft Windows operating system.

Table Legend

✓	Certified.
👉	Certified with caveats.
🕒	Certification planned or in progress. Results coming shortly.
👉	Supported although not yet Certified in our lab.
👉	Hardware component falls below minimum system requirements to run the Autodesk product.
✗	Certification failed due to serious problems.
○	No Certification planned OR not applicable.
—	Not yet tested.
☑	Testing is completed
👁	Testing is completed. Some issues found.
🕒	No testing is planned

Mobile Workstation Certifications for Autodesk Motionbuilder 2012 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™ 8760w Mobile Workstation	NVIDIA Quadro 5010m	268.83	👉	🕒	👉	👉	👉	👉
EliteBook 8760w	NVIDIA Quadro 4000m	268.83	👉	✓	👉	👉	👉	👉
EliteBook 8760w	NVIDIA Quadro 3000m	268.83	👉	🕒	👉	👉	👉	👉
EliteBook 8760w	AMD FirePro M5950	8.821.1 .2	👉	✓	👉	👉	👉	👉
EliteBook 8560w	NVIDIA Quadro	268.83	👉	✓	👉	👉	👉	👉

Mobile Workstation Certifications for Autodesk Motionbuilder 2012 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
	2000m							
EliteBook 8560w	NVIDIA Quadro 1000m	268.83		✓				
EliteBook 8560w	AMD FirePro M5950	8.821.1 .2		✓				
EliteBook 8460w	AMD FirePro M3900	8.821.1 .2		✓				
EliteBook 8740w	NVIDIA Quadro 5000m	XP: 266.58 Win7: 267.76		✓				✓
EliteBook 8740w	NVIDIA Quadro FX 3800m	XP: 266.58 Win7: 267.76		✓				✓
EliteBook 8740w	NVIDIA Quadro FX 2800m	XP: 266.58 Win7: 267.76		✓				✓
EliteBook 8740w	AMD FirePro M8720	8.773.1 .1		✓				
EliteBook 8540w	NVIDIA Quadro FX 880M	XP: 266.58 Win7: 267.76		✓				✓
EliteBook 8540w	Nvidia Quadro FX 1800M	XP: 266.58 Win7: 267.76						
EliteBook 8540w	AMD FirePro	8.773.1 .1		✓				

Mobile Workstation Certifications for Autodesk Motionbuilder 2012 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
	M5800							
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™ M6600 Mobile Workstation	NVIDIA Quadro 4000m	268.44	●	●	●	●	☺	✓

Precision M6600	AMD FirePro™ M8900 graphics card	8.8072	●	●	●	●	☺	☞
Precision M4600	NVIDIA Quadro 2000m	268.44	●	●	●	●	☺	✓
Precision M4600	AMD FirePro M5950	8.8072	●	●	●	●	☺	☞

Precision M6500	NVIDIA Quadro 5000m	267.76		✓				✓
Precision M6500	NVIDIA Quadro FX 3800m	267.76		✓				✓
Precision M6500	AMD FirePro M7740	8.773.1 .1		✓				
Precision M6500	AMD FirePro M7820	8.773.1 .1		✓				
Precision M4500	NVIDIA Quadro FX 880M	267.76		✓				✓
Precision M4500	Nvidia Quadro FX 1800M	267.76		✓				✓
Precision M6400	Nvidia Quadro FX 3700M							
Precision M6400	ATI FirePro M7740							
Precision M4400	Nvidia Quadro FX 770M							
Lenovo								
ThinkPad™ W520 Mobile Workstation	NVIDIA Quadro 2000m	Win7 268.44 Xp 275.54		✓	○	○		✓

ThinkPad W520	NVIDIA Quadro 1000m	Win7 268.44 Xp 275.54		✓	○	○		✓
ThinkPad W701	Nvidia Quadro FX 3800M							
ThinkPad	Nvidia Quadro							

W701	FX 2800M								
ThinkPad W510	Nvidia Quadro FX 880M		👍	👍	👍	👍	👍	👍	👍
ThinkPad W700	Nvidia Quadro FX 3700M		👍	👍	👍	👍	👍	👍	👍
ThinkPad W500	FireGL V5700		👍	👍	👍	👍	👍	👍	👍
BOXX									
GoBOXX™ W2650 Mobile Workstation	Nvidia Quadro 5010M	275.33	○	○	○	○	👍	👍	👍
GoBOXX G1740	Nvidia Quadro FX 2800M	275.33	○	○	○	○	👍	✓	
GoBOXX 2650	Nvidia Quadro FX 3800M	267.76	○	○	○	○	👍	✓	
GoBOXX 1600	Nvidia Quadro FX 2800M		○	○	○	○	👍	👍	
Fujitsu Siemens									
Celsius™ H910	Nvidia Quadro 4000M	267.39	○	○	○	○	👍	✓	
Celsius H700	Nvidia Quadro FX 880M	XP: 266.58 Win7: 267.76	👍	✓	👍	👍	👍	✓	
Toshiba									
Tecra™ R850	AMD Radeon HD 6450M	8.801.2 .3	○	○	○	○	👎	☑	

Important: Although Autodesk tested the NVIDIA GeForce and AMD Radeon consumer graphics cards, it is Autodesk, NVIDIA, and AMD policy to only recommend and support the professional NVIDIA Quadro, AMD FirePro, and ATI FireGL graphics family cards. See the NVIDIA Quadro vs. GeForce GPUs White Paper [\[PDF\]](#).

Mobile Workstation Caveats & Limitations

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

Mobile Workstation Caveats & Limitations						
Autodesk MotionBuilder 2012 for Microsoft Windows						
Model	Graphic	Driver	OS	Caveat / Limitation	Status	Workaround
GoBOXX W2650	Nvidia Quadro 5010M	275.33 280.26	Win7 64	Screen flickers randomly (black flash) every 2 minutes or so (BugID:HWCT-334)	Reported to vendor	-
EliteBook 8760w & 8560w	AMD FirePro M5950	8.821.1 .2	Win7 64	Escaping from fullscreen mode will make the application hang. (ID:355268)	Reported to vendor	—
EliteBook 8760w & 8560w	All Nvidia Quadro cards	268.83	Win7 64	Slow performance of PhysX in viewport (BugID:HWCT-319)	Reported to vendor	Turn off the V-Sync option from the Nvidia control panel
EliteBook 8740w & 8540w	AMD FirePro M8720 & FirePro M5800	8.773.1 .1	Win7 64	Escaping from fullscreen mode will make the application hang. (ID:355268)	Reported to vendor	—
Precision M6500	AMD FirePro M7820 & FirePro M7740	8.773.1 .1	Win7 64	Escaping from fullscreen mode will make the application hang. (ID:355268)	Reported to vendor	—
Precision M6600 & Precision M4600	AMD FirePro M8900 & AMD FirePro M5950	8.8072	Win7 64	Escaping from fullscreen mode will make the application hang. (ID:355268)	Reported to vendor	—

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.

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](#)

Please note that we monitor this feedback on a monthly basis. Should you need a faster turnaround time on your question/feedback, please email us at me.3d.certification@autodesk.com

© **2011 Autodesk, Inc. All rights reserved.** Except as otherwise permitted by Autodesk, Inc., this publication, or parts thereof, may not be reproduced in any form, by any method, for any purpose.

Certain materials included in this publication are reprinted with the permission of the copyright holder.

RSA Data Security, Inc., MD5 Message-Digest Algorithm © 1991–2007 RSA Data Security, Inc. All rights reserved. RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

The following are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and other countries: 3DEC (design/logo), 3December, 3December.com, 3ds Max, Algor, Alias, Alias (swirl design/logo), AliasStudio, Alias|Wavefront (design/logo), ATC, AUGI, AutoCAD, AutoCAD Learning Assistance, AutoCAD LT, AutoCAD Simulator, AutoCAD SQL Extension, AutoCAD SQL Interface, Autodesk, Autodesk Intent, Autodesk Inventor, Autodesk MapGuide, Autodesk Streamline, AutoLISP, AutoSnap, AutoSketch, AutoTrack, Backburner, Backdraft, Beast, Built with ObjectARX (logo), Burn, Buzzsaw, CAiCE, Civil 3D, Cleaner, Cleaner Central, ClearScale, Colour Warper, Combustion, Communication Specification, Constructware, Content Explorer, Dancing Baby (image), DesignCenter, Design Doctor, Designer's Toolkit, DesignKids, DesignProf, DesignServer, DesignStudio, Design Web Format, Discreet, DWF, DWG, DWG (logo), DWG Extreme, DWG TrueConvert, DWG TrueView, DXF, Ecotect, Exposure, Extending the Design Team, Face Robot, FBX, Fempro, Fire, Flame, Flare, Flint, FMDesktop, Freewheel, GDX Driver, Green Building Studio, Heads-up Design, Heidi, HumanIK, IDEA Server, i-drop, Illuminate Labs AB (design/logo), ImageModeler, iMOUT, Incinerator, Inferno, Inventor, Inventor LT, Kynapse, Kynogon, LandXplorer, LiquidLight, LiquidLight (design/logo), Lustre, MatchMover, Maya, Mechanical Desktop, Moldflow, Moldflow Plastics Advisers, MPI, Moldflow Plastics Insight, Moldflow Plastics Xpert, Moon dust, MotionBuilder, Movimento, MPA, MPA (design/logo), MPX, MPX (design/logo), Mudbox, Multi-Master Editing, Navisworks, ObjectARX, ObjectDBX, Opticore, Pipeplus, PolarSnap, PortfolioWall, Powered with Autodesk Technology, Productstream, ProMaterials, RasterDWG, RealDWG, Real-time Roto, Recognize, Render Queue, Retimer, Reveal, Revit, RiverCAD, Robot, Showcase, Show Me, ShowMotion, SketchBook, Smoke, Softimage, Softimage|XSI (design/logo), Sparks, SteeringWheels, Stitcher, Stone, StormNET, StudioTools, ToolClip, Topobase, Toxik, TrustedDWG, U-Vis, ViewCube, Visual, Visual LISP, Volo, Vtour, WaterNetworks, Wire, Wiretap, WiretapCentral, XSI.

Acesso, AdminStudio, FLEXnet Connect, InstallShield, InstallShield Developer, InstallShield DevStudio, InstallShield Professional, OneClickInstall, and QuickPatch are registered trademarks or trademarks of Acesso Software Inc. and/or InstallShield Co. Inc. in the United States of America and/or other countries.

ACE™, TAO™, CIAO™, and CoSMIC™ are copyrighted by Douglas C. Schmidt and his research group at Washington University, University of California, Irvine, and Vanderbilt University, Copyright (c) 1993-2009, all rights reserved.

ArchVision, realpeople, and RPC are either registered trademarks or trademarks of ArchVision, Inc.

Spatial, ACIS, and SAT are either registered trademarks or trademarks of Spatial Corp. in the United States and/or other countries.

D-Cubed is a trademark of Siemens Industry Software Limited.

clothfx™ is a trademark of Size8 Software, Inc.

mental ray and mental mill are registered trademarks of mental images GmbH licensed for use by Autodesk, Inc.

Python is a registered trademark of Python Software Foundation.

Microsoft, Direct3D, DirectX, Excel, Windows are either registered trademarks or trademarks of Microsoft Corp. in the United States and/or other countries.

RSA is either a registered trademark or trademark of RSA Security, Inc., in the United States and/or other countries.

Wise Solutions is either a registered trademark or trademark of Wise Solutions, Inc., in the United States and/or other countries.

All other brand names, product names or trademarks belong to their respective holders.

Disclaimer

THIS PUBLICATION AND THE INFORMATION CONTAINED HEREIN IS MADE AVAILABLE BY AUTODESK, INC. "AS IS." AUTODESK, INC. DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING THESE MATERIALS.