

COMPOSITE 2011

WORKSTATION & MOBILE WORKSTATION HARDWARE CERTIFICATION

LINUX[®] PLATFORM

Last updated: April 7th 2010.

Readme First

The information contained in the [Readme First](#) document applies to all hardware Certifications 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 HP and Dell workstation is complete.

CONTENTS

README FIRST

WHAT'S NEW

IMPORTANT NOTES

PROCESSOR SUPPORT

WORKSTATIONS

WORKSTATION CAVEATS &
LIMITATIONS

MOBILE WORKSTATIONS

MOBILE WORKSTATION CAVEATS &
LIMITATIONS

SEND FEEDBACK ON THIS
DOCUMENT

Autodesk[®]

Important Notes

Following are some important notes pertaining on certified workstations for Autodesk Composite 2011 for Linux platform.

1. Please refer to the [graphics hardware page](#) to obtain further information on the graphics cards that have been certified for Composite 2011.
2. Please refer to the hardware vendor site to get a list of all supported graphics cards for the workstations listed below.
3. All hardware Certification done on Composite 2011 have been performed using the following configuration:
 - a. Single screen at resolution of 1920x1200 (60Hz)
 - b. 4 GB of RAM (workstations) 2 GB of RAM (laptops)
 - c. SATA drives
4. Virtual memory (swap file size): maximum size set to 4 GB.
5. If you are experiencing additional issues not listed in this document, please search our Knowledge Base or contact customer support (<http://www.autodesk.com/toxik-support>).
6. It may be possible to successfully use Composite with a non-certified or partially certified configuration, but support and maintenance programs will be subject to the Autodesk Support service guidelines.

Processor Support

The following table provides a list of supported/Certified processor for the Composite 2011 software release on Linux operating system.

Table Legend

| | |
|---|---|
| ✓ | Certified. |
| 👍 | Supported although not officially Certified in our lab. |

| Processor Certifications for Autodesk Composite 2011 for Linux | | |
|--|---------------|-------------------------|
| Processor Specification | | Processor Certification |
| Processor | Specification | Certification |
| 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 Core2 Extreme | | ✓ |
| Intel Core2 Duo | | ✓ |
| Intel Core2 Duo Mobile | | ✓ |
| Intel Centrino® | | 👍 |
| AMD™ | | |
| Dual-Core AMD Opteron™ | | ✓ |
| Athlon™ FX | | 👍 |

| Processor Certifications for Autodesk Composite 2011 for Linux | | |
|--|---------------|-------------------------|
| Processor Specification | | Processor Certification |
| Processor | Specification | Certification |
| 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 certified workstations for the Composite 2011 software product release on Linux 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 Certifications for Composite 2011 for Linux | | | |
|---|-------------------------------|----------------------------|---------------|
| Workstation Brand & Model | | Red Hat® Enterprise Linux® | Fedora® |
| Brand | Model | 5.4 – 64-bit OS | 8 – 64-bit OS |
| HP | | | |
| | Z800 Workstation | ✓ | ○ |
| | Z600 Workstation | ✓ | ○ |
| | Z400 Workstation | ✓ | ○ |
| | xw9400 Workstation Core™ Quad | ✓ | ○ |
| | xw8600 Workstation | 👍 | ○ |
| | xw6600 Workstation | 👍 | ○ |
| | xw4600 Workstation | 👍 | ○ |
| Dell® | | | |
| | Precision™ T7500 | ✓ | ○ |

| Workstation Certifications for Composite 2011 for Linux | | | |
|---|-------|----------------------------|---------------|
| Workstation Brand & Model | | Red Hat® Enterprise Linux® | Fedora® |
| Brand | Model | 5.4 – 64-bit OS | 8 – 64-bit OS |
| Precision T3500 | | 👉 | ○ |
| Precision T7400 | | 👉 | ○ |
| Precision T3400 | | 👉 | ○ |
| Lenovo® | | | |
| ThinkStation™ D20 | | ○ | ○ |
| ThinkStation S20 | | ○ | ○ |
| ThinkStation D10 | | ○ | ○ |
| ThinkStation S10 | | ○ | ○ |
| BOXX® | | | |
| 3D BOXX 8500 | | ⌛ | ⌛ |
| 3D BOXX 4850 | | ⌛ | ⌛ |
| Fujitsu® | | | |
| CELSIUS W4800 | | ○ | ○ |
| CELSIUS W280 | | ○ | ○ |
| 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 Certification document](#) for potential caveats that may apply to graphics card models similar to the one you have for your workstation.

Mobile Workstations

The following table provides a list of certified mobile workstations for the Composite 2011 software product release on Linux 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. |

| Mobile Workstation Certifications for Composite 2011 for Linux | | | |
|--|------------------------|----------------------------|----------------|
| Mobile Workstation | Graphics Card | Red Hat® Enterprise Linux® | Fedora® |
| Brand & Model | Model | 5.4 – 64-bit OS | 11 – 64-bit OS |
| HP | | | |
| 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 | 🕒 | ○ |
| Compaq™ 8710w | Nvidia Quadro FX 1600M | 🕒 | ○ |
| Compaq 8510w | ATI FireGL V5600M | 🕒 | ○ |
| Compaq 8510w | NVIDIA Quadro FX 570M | 🕒 | ○ |

| Mobile Workstation Certifications for Composite 2011 for Linux | | | |
|--|------------------------|----------------------------|----------------|
| Mobile Workstation | Graphics Card | Red Hat® Enterprise Linux® | Fedora® |
| Brand & Model | Model | 5.4 – 64-bit OS | 11 – 64-bit OS |
| Dell® | | | |
| Precision™ M6500 | | ⊗ | ⊙ |
| Precision M6500 | | ⊗ | ⊙ |
| Precision M4500 | Nvidia Quadro FX 1800M | ⊗ | ⊙ |
| Precision M4500 | Nvidia Quadro FX880M | ⊗ | ⊙ |
| Precision M6400 | Nvidia Quadro FX 3700M | ⊗ | ⊙ |
| Precision M6400 | ATI FirePro M7740 | ⊗ | ⊙ |
| Precision M4400 | Nvidia Quadro FX 770M | ⊗ | ⊙ |
| Lenovo® | | | |
| ThinkPad® W700 | Nvidia Quadro FX 3700M | ⊙ | ⊙ |
| ThinkPad W500 | FireGL V5700 | ⊙ | ⊙ |
| Celsius H270 | | | |
| Celsius H270 | Nvidia Quadro FX 770M | ⊙ | ⊙ |

Mobile Workstation Caveats & Limitations

There are currently no mobile 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.

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.

© 2010 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.

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 Envision, Autodesk Intent, Autodesk Inventor, Autodesk Map, Autodesk MapGuide, Autodesk Streamline, AutoLISP, AutoSnap, AutoSketch, AutoTrack, Backburner, Backdraft, 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, ImageModeler, iMOUT, Incinerator, Inferno, Inventor, Inventor LT, Kaydara, Kaydara (design/logo), Kynapse, Kynogon, LandXplorer, Lustre, MatchMover, Composite, Mechanical Desktop, Moldflow, Moonbox, MotionBuilder, Movimento, MPA, MPA (design/logo), Moldflow Plastics Advisers, MPI, Moldflow Plastics Insight, MPX, MPX (design/logo), Moldflow Plastics Xpert, Mudbox, Multi-Master Editing, Navisworks, ObjectARX, ObjectDBX, Open Reality, Opticore, Opticore Opus, Pipeplus, PolarSnap, PortfolioWall, Powered with Autodesk Technology, Productstream, ProjectPoint, ProMaterials, RasterDWG, RealDWG, Real-time Roto, Recognize, Render Queue, Retimer, Reveal, Revit, Showcase, ShowMotion, SketchBook, Smoke, Softimage, Softimage|XSI (design/logo), Sparks, SteeringWheels, Stitcher, Stone, StudioTools, ToolClip, Topobase, Toxik, TrustedDWG, ViewCube, Visual, Visual LISP, Volo, Vtour, Wire, Wiretap, WiretapCentral, XSI, and XSI (design/logo).

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.