

# AUTODESK® MOTION BUILDER® 2009

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## WORKSTATIONS/MOBILE STATIONS HARDWARE QUALIFICATION

### Microsoft® Windows® Platform

Last updated: June 19, 2009.

#### Readme First

The information contained in the [Readme First](#) document applies to all hardware qualification executed on the Autodesk MotionBuilder 2009 software product release and should be acknowledged by all users prior consulting the qualification charts.

#### What's New

Fujitsu R670 added as supported workstation.

Autodesk does not foresee significant issues that would prevent the use of any of the hardware listed in this document. As a result, all mobile stations/workstations below have been marked as 'supported'. Should you experience any issues in using this hardware, please contact [me.3d.qualification@autodesk.com](mailto:me.3d.qualification@autodesk.com)

#### Important Notes & Disclaimers

- Please refer to the [graphics hardware page](#) to obtain further information on the graphics cards that have been qualified for MotionBuilder 2009
- Please refer to the hardware vendor site to get a list of all supported graphics cards for the workstations listed below

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## Processors support

### Table Legend

- ✓ Qualified and supported
- 👍 Supported (although not officially qualified in our lab).

| Processors Qualifications for Autodesk MotionBuilder 2009 for Windows |        |
|---|--------|
| Processors  | Status |
| <b>INTEL</b>  |        |
| 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® Core™2 Quad  | 👍      |
| Intel® Core™2 Extreme   | 👍      |
| Intel® Core™2 Duo   | 👍      |
| Intel® Core™2 Duo Mobile  | 👍      |
| Intel® Centrino®  | 👍      |
| <b>AMD</b>  |        |
| 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 MotionBuilder 2009 software product release.

### Table Legend

- ✓ Qualified 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 on this configuration.
- 👎 Tested but not supported
- ✗ Qualification failed due to serious problems.
- Un-tested. Configuration not currently supported by hardware vendor OR no qualification planned.

| Workstations/Desktops Qualifications for Autodesk MotionBuilder 2009 for Windows |                |           |                            |           |
|--|----------------|-----------|----------------------------|-----------|
| Model  | Windows XP SP2 |           | Windows Vista Business SP1 |           |
|  | 32-bit OS      | 64-bit OS | 32-bit OS                  | 64-bit OS |
| <b>Hewlett-Packard</b>   |                |           |                            |           |
| Xw9400 quad core   | ✓              | ✓         | ✓                          | ✓         |
| Xw9400 dual core   | 👉              | 👉         | 👉                          | 👉         |
| Xw8600   | 👉              | 👉         | 👉                          | 👉         |
| Xw6600   | 👉              | 👉         | 👉                          | 👉         |
| Xw4600   | 👉              | 👉         | 👉                          | 👉         |
| <b>DELL</b>  |                |           |                            |           |
| Precision T7400  | 👉              | 👉         | 👉                          | 👉         |
| Precision T3400  | 👉              | 👉         | 👉                          | 👉         |
| <b>Lenovo</b>  |                |           |                            |           |
| S10  | 👉              | 👉         | 👉                          | 👉         |

| Workstations/Desktops Qualifications for Autodesk MotionBuilder 2009 for Windows |                |           |                            |           |
|--|----------------|-----------|----------------------------|-----------|
| Model  | Windows XP SP2 |           | Windows Vista Business SP1 |           |
|  | 32-bit OS      | 64-bit OS | 32-bit OS                  | 64-bit OS |
| D10  | 👍              | 👍         | 👍                          | 👍         |
| <b>Fujitsu</b>   |                |           |                            |           |
| R670   | 👍              | 👍         | 👍                          | 👍         |
| R550   | 👍              | 👍         | 👍                          | 👍         |
| R540   | 👍              | 👍         | 👍                          | 👍         |
| M460   | 👍              | 👍         | 👍                          | 👍         |

## Mobile stations / Laptops

The following table lists the mobile stations (laptops) that have been qualified for the MotionBuilder 2009 software product release.

| Mobile Stations/laptops Qualifications for Autodesk MotionBuilder 2009 for Windows |                       |           |                |           |                            |           |
|--|-----------------------|-----------|----------------|-----------|----------------------------|-----------|
| Model  | Graphics              | Driver    | Windows XP SP2 |           | Windows Vista Business SP1 |           |
|  |                       |           | 32-bit OS      | 64-bit OS | 32-bit OS                  | 64-bit OS |
| <b>Hewlett-Packard</b>   |                       |           |                |           |                            |           |
| 8730w  | NVIDIA QuadroFX 3700M | 176.87    | 👍              | 👍         | 👍                          | 👍         |
| 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 | 176.87    | 👍              | 👍         | 👍                          | 👍         |
| 8530w  | ATI FireGL v5700      | 8.503.2.1 | 👍              | 👍         | 👍                          | 👍         |
| 8510w  | ATI FireGL            | 8.391.7.2 | 👍              | 👍         | 👍                          | 👍         |

Mobile Stations/laptops Qualifications for Autodesk MotionBuilder 2009 for Windows

|                 |                       |        | Windows XP SP2 |           | Windows Vista Business SP1 |           |
|-----------------|-----------------------|--------|----------------|-----------|----------------------------|-----------|
| Model           | Graphics              | Driver | 32-bit OS      | 64-bit OS | 32-bit OS                  | 64-bit OS |
|                 | v5600                 |        |                |           |                            |           |
| <b>DELL</b>     |                       |        |                |           |                            |           |
| Precision M6400 | NVIDIA QuadroFX 3700M | 176.88 | 👍              | 👍         | 👍                          | 👍         |
| Precision M4400 | NVIDIA Quadro FX 770M | 176.88 | 👍              | 👍         | 👍                          | 👍         |
| Precision M6300 | NVIDIA QuadroFX 3600M | 175.75 | 👍              | 👍         | 👍                          | 👍         |
| <b>Lenovo</b>   |                       |        |                |           |                            |           |
| W700            | NVIDIA QuadroFX 3700M | 176.93 | 👍              | 👍         | 👍                          | 👍         |
| W500            | ATI FireGL v5700      | 8.543  | 👍              | 👍         | 👍                          | 👍         |
| <b>Fujitsu</b>  |                       |        |                |           |                            |           |
| H270            | NVIDIA Quadro FX 770M | 175.97 | 👍              | 👍         | 👍                          | 👍         |

## Caveats & Limitations

Please make sure to refer to the [graphics qualification document](#) in search for potential caveats that may apply to graphics card models similar to the one you have 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 3700M<br><br>NVIDIA QuadroFX 2700M | 176.56 (HP)<br>176.55 (Lenovo)<br>176.53 (Dell) | Not specific     | <b>Warning for Autodesk Mudbox users: application cannot be used with this driver</b> | Drivers 176.87 (HP)<br>176.93 (Lenovo)<br>176.88 (Dell)<br>resolve this issue.<br>Please download from vendor's site. |

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