

# AUTODESK® SOFTIMAGE® v5x/v6x

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## GRAPHICS HARDWARE QUALIFICATION

### Microsoft® Windows® and Linux Platforms

Last updated: June 19, 2009.

#### Important Notes

1. There are many cards based on GeForce® GPU chipsets. NVIDIA® and Autodesk do not recommend these cards for use with Softimage as you may experience various refresh, display and stability problems and inadequate performance. Those cards are also not officially supported by Autodesk and NVIDIA. We thus recommend you use professional level cards, such as the Quadro® families which are much better suited to high-end 3D packages such as Softimage. For further information, refer to [Nvidia GeForce VS Quadro White Paper \[PDF\]](#)
2. For the same reasons as the ones listed in the note above, ATI™ and Autodesk do not recommend the use of ATI Radeon™ GPU chipsets cards.
3. For full real-time shader support, make sure that you have the latest Cg compiler and Direct X SDK.
4. For a productive user experience with Softimage, it is recommended to use a card which has a minimum of 256MB of video memory.
5. Qualification is performed at 1920x1200, 32bit color
6. The most advanced types of Softimage Realtime Shaders require:
  - OpenGL 1.5 compliant graphics card
  - Cg Compiler 1.4 for Softimage v.5.0 or Cg Compiler 1.5 for Softimage v.5.1/v.6.x
  - DirectX 9c or DirectX 10 for DirectX 10 realtime shaders in Softimage v.6.x (not applicable for Linux)

Some of the older generation graphics cards may not support all the above and thus may be missing certain Realtime Shader functionality.

#### CONTENTS

#### IMPORTANT NOTES

#### GRAPHICS CARDS & DRIVERS

#### CAVEATS & LIMITATIONS

#### SEND FEEDBACK ON THIS DOCUMENT

## Graphics Cards & Drivers

The following table lists the graphics cards and driver versions for the Softimage v5x/v6x software product release.

### Table Legend

- ✓ Qualified
- Un-tested. No qualification planned – not applicable / not available.

| Graphics Card & Driver Qualifications for Autodesk Softimage v5x/v6x |        |                |           |           |           |
|--|--------|----------------|-----------|-----------|-----------|
|  |        | Windows XP Pro |           | Linux     |           |
| Graphics Card  | Driver | 32-bit OS      | 64-bit OS | 32-bit OS | 64-bit OS |
| NVIDIA   |        |                |           |           |           |
| Quadro® FX 1700  | 162.65 | ✓              | ✓         | •         | •         |
| Quadro FX 5600   | 162.65 | ✓              | ✓         | •         | •         |
| Quadro FX 4600   | 162.65 | ✓              | ✓         | •         | •         |
| Quadro FX 570  | 162.65 | ✓              | ✓         | •         | •         |
| Quadro FX 370  | 162.65 | ✓              | ✓         | •         | •         |
| Quadro FX 5500   | 91.36  | ✓              | ✓         | •         | •         |
| Quadro FX 4500   | 91.36  | ✓              | ✓         | ✓*        | ✓*        |
| Quadro FX 4500x2   | 91.36  | ✓              | ✓         | •         | •         |
| Quadro FX 3450   | 91.36  | ✓              | ✓         | ✓*        | ✓*        |
| Quadro FX 4400   | 91.36  | ✓              | ✓         | ✓*        | ✓*        |
| Quadro FX 4000   | 91.36  | ✓              | •         | ✓*        | ✓*        |
| Quadro FX 1400/1300  | 91.36  | ✓              | ✓         | •         | •         |
| Quadro FX 1100/700   | 91.36  | ✓              | •         | •         | •         |
| Quadro FX 3400   | 91.36  | ✓              | ✓         | ✓*        | ✓*        |
| Quadro FX 3000   | 91.36  | ✓              | •         | ✓*        | ✓*        |
| Quadro FX 2000/1000  | 91.36  | ✓              | •         | ✓*        | ✓*        |
| Quadro FX 540  | 91.36  | ✓              | ✓         | ✓*        | ✓*        |
| Quadro FX 500  | 91.36  | ✓              | •         | ✓*        | ✓*        |
| Quadro4 980/900/750/700 XGL  |        | •              | •         | ✓*        | ✓*        |
| ATI  |        |                |           |           |           |

| Graphics Card & Driver Qualifications for Autodesk Softimage v5x/v6x |        |                |           |           |           |
|--|--------|----------------|-----------|-----------|-----------|
|  |        | Windows XP Pro |           | Linux     |           |
| Graphics Card  | Driver | 32-bit OS      | 64-bit OS | 32-bit OS | 64-bit OS |
| FireGL™ v5600  | 8.391  | ✓              | ✓         | •         | •         |
| FireGL v3600   | 8.391  | ✓              | ✓         | •         | •         |
| FireGL v7350   | 8.223  | ✓              | ✓         | •         | •         |
| FireGL v7300   | 8.223  | ✓              | ✓         | •         | •         |
| FireGL v7100   | 8.223  | ✓              | ✓         | •         | •         |
| FireGL v5100/5000  | 8.223  | ✓              | ✓         | •         | •         |
| FireGL v3200/3100  | 8.223  | ✓              | ✓         | •         | •         |
| FireGL x3-256  | 8.223  | ✓              | •         | •         | •         |
| FireGL x2-256t   | 8.223  | ✓              | •         | •         | •         |
| FireGL T2-128  | 8.223  | ✓              | •         | •         | •         |
| FireGL X1-128  | 8.223  | ✓              | •         | •         | •         |
| FireGL Z1-128  | 8.223  | ✓              | •         | •         | •         |

\*Display driver 7676 was used for this qualification

## Caveats & Limitations

No issues have been reported thus far.

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