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# Linux® Platforms on OpenGL Performer™ 2.5

OpenGL Performer 2.5 for Linux has been prequalified for only those systems listed in this document. As additional combinations of systems, graphics cards, and OpenGL® drivers are qualified, they will be added to this list.

Only these prequalified configurations are supported. In the event that you encounter a problem running OpenGL Performer on a nonqualified configuration, SGI® reserves the right to have you reinstall OpenGL Performer on a prequalified configuration to determine if the problem still occurs, or support will be available only on a time-and-material basis.

This document contains the following tables:

- Table 1, Minimum System Requirements
- Table 2, Software Dependencies
- Table 3, Legend for Qualification Results
- Table 4, Linux Distributions and NVIDIA® Graphics Drivers
- Table 5, Linux Distributions and Mesa Graphics Drivers

**Table 1** Minimum System Requirements

<b>Component</b>	<b>Minimum Requirement</b>
CPU	200 MHz Pentium® class or better
Memory	64 MB or greater
Graphics	1024 by 768 resolution with 65K (16-bit) colors or better

**Table 2** Software Dependencies

<b>Software</b>	<b>Level</b>
glibc	2.1.1 or above
XFree86	3.3.3.1 or above
OpenGL	1.2
Motif®	2.0 or above or LessTif 0.91.4

For more information, see the OpenGL Performer 2.5 for Linux FAQ (<http://www.sgi.com/software/performer/linux-faq.html>).

Table 4 and Table 5 show the qualification results for various combinations of Linux distributions and graphic drivers. The two tables use the legend described in Table 3 to denote the qualification results.

**Table 3** Legend for Qualification Results

<b>Notation</b>	<b>Meaning</b>
OK	Passed qualification
FAIL	Failed qualification
(msg)	Partial pass with problems footnoted
NQ	Not yet qualified/not tested
N/A	Not applicable or not available

**Table 4** Linux Distributions and NVIDIA Graphics Drivers

Distribution	NVIDIA 0.9-7	NVIDIA 1251	NVIDIA 1512	NVIDIA 1541	NVIDIA 1551
Red Hat® 6.1	OK	NQ	NQ	NQ	N/A
Red Hat 6.2	OK	OK	(NV1)	(NV1)	N/A
Red Hat 7.0	OK	OK	(NV1)	(NV1)	N/A
Red Hat 7.1	NQ	OK	(NV1)	(NV1)	N/A
Red Hat 7.2	NQ	OK	(NV1)	(NV1)	N/A
SuSE® 6.4-7.2	NQ	NQ	NQ	NQ	N/A
SGI VWE 3.0	OK	OK	(NV1)	(NV1)	N/A
SGI VWE 3.1	OK	OK	(NV1)	(NV1)	N/A
SGI GC-SE 1.0	N/A	N/A	N/A	(NV1)	OK

## Notes:

- NV1—NVIDIA driver revisions 1512 and 1541 are functional with OpenGL Performer in single-process mode only (PFMP\_APPCULLDRAW).
- SGI GC-SE is the SGI Graphics Cluster™ Special Edition, which ships with SGI Graphics Cluster systems only.
- For the complete list of graphics cards supported by each driver revision, see the NVIDIA website.

**Table 5** Linux Distributions and Mesa Graphics Drivers

Distribution	Stock Mesa	Mesa 3.2	Mesa 3.3	Mesa 3.4
Red Hat 6.1	N/A	(M1)	(M1)	(M1)
Red Hat 6.2	N/A	(M1)	(M1)	(M1)
Red Hat 7.0	FAIL (M2)	(M1)	(M1)	(M1)
Red Hat 7.1	FAIL (M2)	(M1)	(M1)	(M1)

**Table 5** Linux Distributions and Mesa Graphics Drivers **(continued)**

<b>Distribution</b>	<b>Stock Mesa</b>	<b>Mesa 3.2</b>	<b>Mesa 3.3</b>	<b>Mesa 3.4</b>
Red Hat 7.2	FAIL (M2)	(M1)	(M1)	(M1)
SuSE 6.4-7.2	NQ	NQ	NQ	NQ

Notes:

- M1—Mesa v3.2 through 3.4 run in single-process mode (APPCULLDRAW) only.
- M2—Mesa bundled with Red Hat 7.0 through 7.2 is badly flawed and is not usable.

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