

Good OpenGL FPS, but low Direct3D FPS with new FX5950 card

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Hi. I have the system spec below, and as a short term solution I upgraded my Ti4600 graphics card to a Gigabyte 5950 U-GT to cope with some of the more recent games before upgrading other parts of the system later on. After installing a Gigabyte 5950U-GT there was no obvious performance gain in the games I'm currently playing which was disappointing (UT2k4, Americas Army, Joint Operations Second Demo). I benchmarked the system with 3DMark03 and get a score of 6150 with the Gigabyte, and 1400 with the older Ti4600. Both scores seem reasonable, and when comparing the 6150 online with other similar system specs it is comparable. But, with the Gigabyte card, FPS can fluctuate quite significantly and be as low as 15 up to a maximum of only 55. With the Ti4600 running the same game with the same setting using the same current Nvidia 56.72 drivers, the FPS seems more stable and generally runs between 25-70 (I'm using FRAPS to get FPS in game). On carrying out additional tests I found that slightly older games like Quake 3 would give 200+FPS (FPS max limit set at 200) but Direct3D games like UT2k4 would only give 20-45. My initial thoughts were specific to good OpenGL performance in Quake 3 but poor Direct3D performance in everything else, but since 3DMark03 is purely Direct3D tests (from what I understand). One other thing I've noticed is that changing the configuration of a game with the Gigabyte card installed e.g. Americas Army, no matter whether using 16 or 32 bit, or 800x600 to 1024x768, the FPS stays in the same low range.

I've installed the system three or four times and carried out tests and different points with none - all windows updates, limited hardware removed, different driver revisions etc. But the system performance is still lower with the newer Gigabyte card than with the older Ti4600. I've contacted Gigabyte but would appreciate any other suggestions.

- Dual Intel P4 2.4 Xeon Prestonia (Hyperthreading Disabled)
- 1GB RD-RAM (PC 800)
- Supermicro DCE+ Motherboard
- Enhance ENS-0252A PSU (520 Watt)
- 256MB Gigabyte FX5950U-GT
- Adaptec 2200S Raid Controller
- 19" Iiyama Vision Master Pro 450

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- Intel Pro/100S Server Adaptor
- Creative Audigy 2 ZS Platinum Pro
- Creative GigaWorks S750 7.1 Speaker System
- 16x AOpen DVD-Rom
- Plextor DVD Writer (PX-708A)
- Microsoft Internet Keyboard Pro
- Logitech MX510 Optical Mouse

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Thanks for any help,
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