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# NVIDIA vs. Nouveau Ubuntu 13.04

Nouveau vs. NVIDIA Linux graphics benchmarks from stock Ubuntu 13.04. Benchmarking for a future article on Phoronix.com.

## Test Systems:

### Stock - Nouveau

Processor: Intel Core i7 720Q @ 1.60GHz (8 Cores), Motherboard: LENOVO 4318CTO, Chipset: Intel Core DMI, Memory: 4096MB, Disk: 160GB INTEL SSDSA2M160, Graphics: NVIDIA Quadro FX 880M 1024MB (405/324MHz), Audio: Conexant CX20585, Network: Intel 82577LM Gigabit Connection + Intel Centrino Ultimate-N 6300

OS: Ubuntu 13.04, Kernel: 3.8.0-17-generic (x86_64), Desktop: Unity 7.0.0, Display Server: X Server 1.13.3, Display Driver: nouveau 1.0.7, OpenGL: 3.0 Mesa 9.0.3 Gallium 0.4, Compiler: GCC 4.7, File-System: ext4, Screen Resolution: 1600x900

Graphics Notes: EXA

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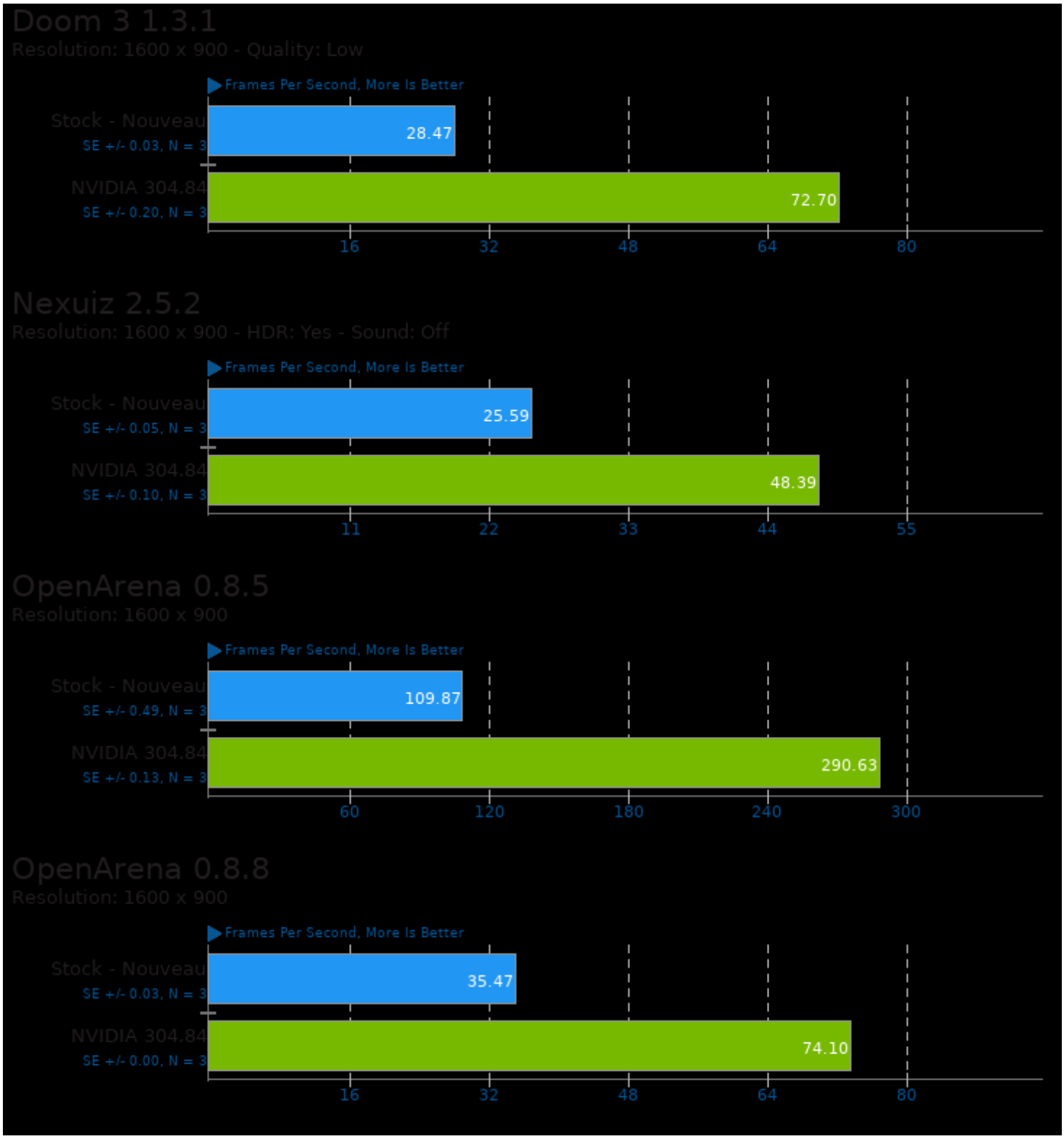
## NVIDIA 304.84

Processor: Intel Core i7 720Q @ 1.60GHz (8 Cores), Motherboard: LENOVO 4318CTO, Chipset: Intel Core DMI, Memory: 4096MB, Disk: 160GB INTEL SSDSA2M160, Graphics: NVIDIA Quadro FX 880M 1024MB (550/790MHz), Audio: Conexant CX20585, Network: Intel 82577LM Gigabit Connection + Intel Centrino Ultimate-N 6300

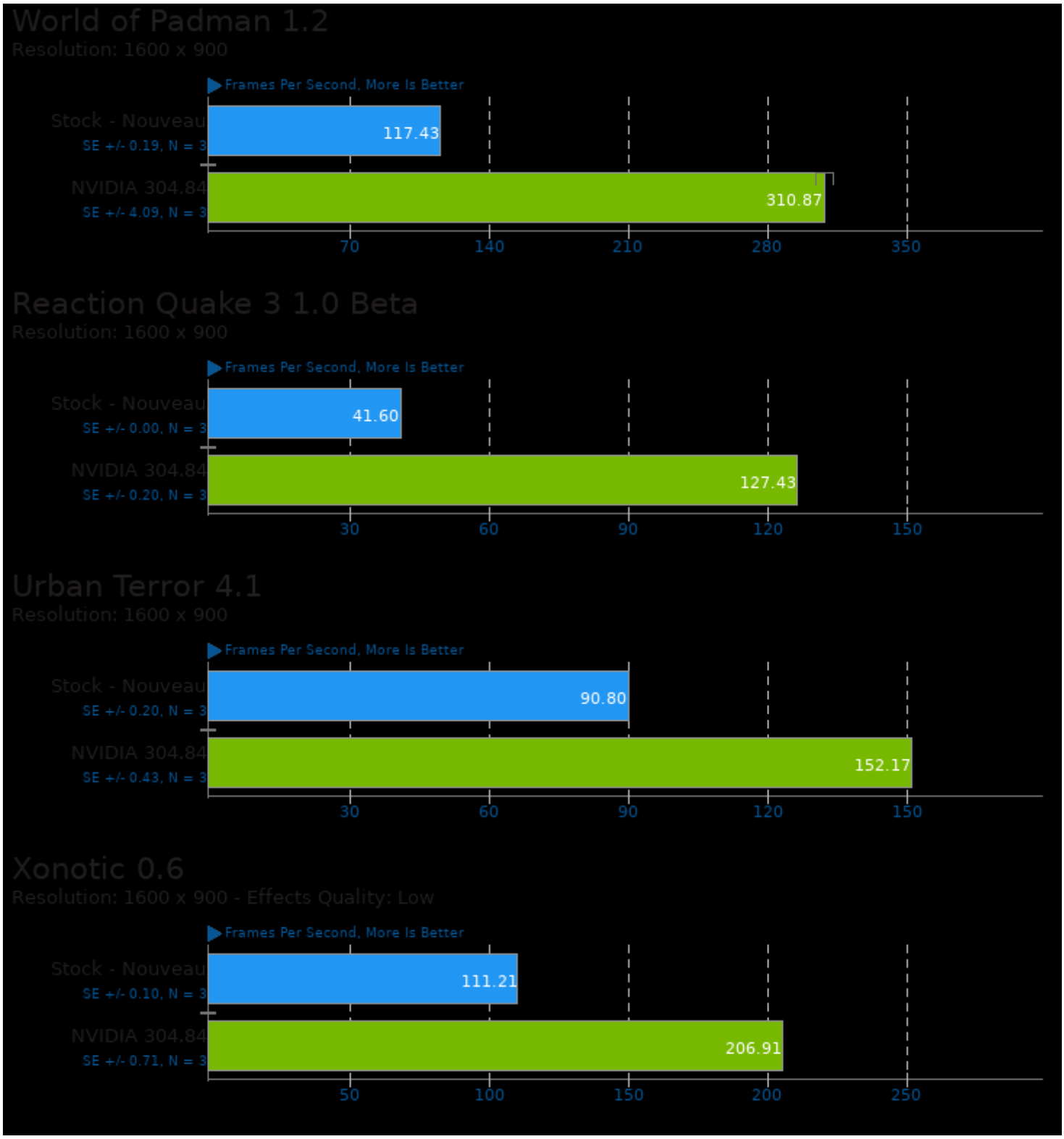
OS: Ubuntu 13.04, Kernel: 3.8.0-17-generic (x86_64), Desktop: Unity 7.0.0, Display Server: X Server 1.13.3, Display Driver: NVIDIA 304.84, OpenGL: 3.3.0 NVIDIA, Compiler: GCC 4.7, File-System: ext4, Screen Resolution: 1600x900

| | Stock - Nouveau | NVIDIA 304.84 |
|---|---|---|
| **Doom 3 - 1600 x 900 - Low (FPS)** | **28.47** | **72.70** |
| **Normalized** | 39.16% | 100% |
| **Standard Deviation** | 0.2% | 0.5% |
| **Nexuiz - 1600 x 900 - Yes - Off (FPS)** | **25.59** | **48.39** |
| **Normalized** | 52.88% | 100% |
| **Standard Deviation** | 0.3% | 0.4% |
| **OpenArena - 1600 x 900 (FPS)** | **109.87** | **290.63** |
| **Normalized** | 37.8% | 100% |
| **Standard Deviation** | 0.8% | 0.1% |
| **OpenArena - 1600 x 900 (FPS)** | **35.47** | **74.10** |
| **Normalized** | 47.87% | 100% |
| **Standard Deviation** | 0.2% | 0% |
| **World of Padman - 1600 x 900 (FPS)** | **117.43** | **310.87** |
| **Normalized** | 37.77% | 100% |
| **Standard Deviation** | 0.3% | 2.3% |
| **Reaction Quake 3 - 1600 x 900 (FPS)** | **41.60** | **127.43** |
| **Normalized** | 32.65% | 100% |
| **Standard Deviation** | 0% | 0.3% |
| **Urban Terror - 1600 x 900 (FPS)** | **90.80** | **152.17** |
| **Normalized** | 59.67% | 100% |
| **Standard Deviation** | 0.4% | 0.5% |
| **Xonotic - 1600 x 900 - Low (FPS)** | **111.21** | **206.91** |
| **Normalized** | 53.75% | 100% |
| **Standard Deviation** | 0.2% | 0.6% |
| **Xonotic - 1600 x 900 - High (FPS)** | **44.67** | **105.73** |
| **Normalized** | 42.25% | 100% |
| **Standard Deviation** | 0.1% | 0.1% |

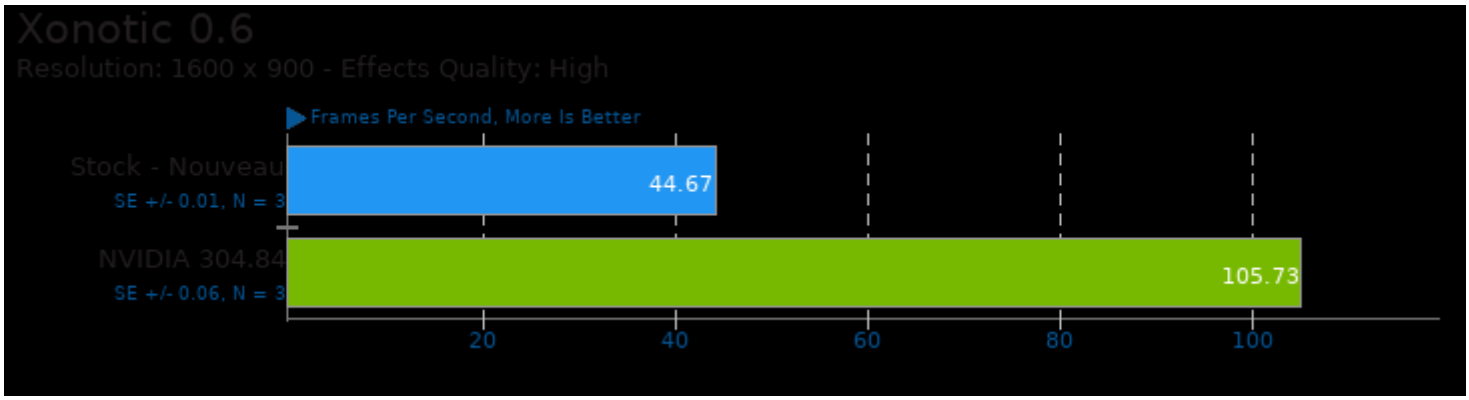
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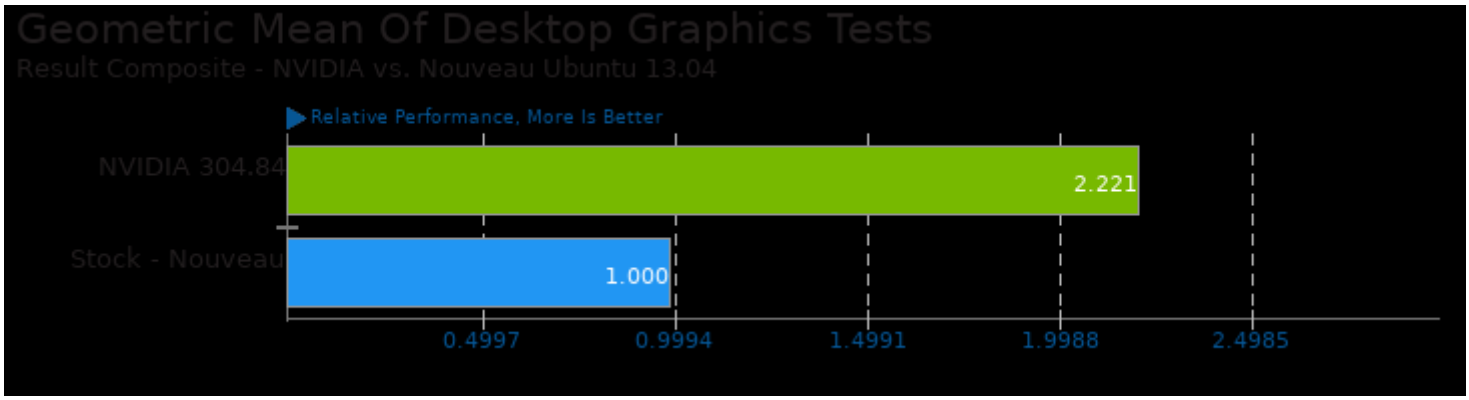


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These geometric means are based upon test groupings / test suites for this result file.




Geometric mean based upon tests: pts/xonotic and pts/openarena

*This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 04:46.*