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KDE SC 4.11 Default

Intel Core i7-4750HQ testing with a System76 Galago UltraPro and Intel Crystal Well IGP on Ubuntu 13.10 via the Phoronix Test Suite.

Automated Executive Summary

Suspended Effects Fullscreen had the most wins, coming in first place for 64% of the tests.

Based on the geometric mean of all complete results, the fastest (Suspended Effects Fullscreen) was 1.002x the speed of the slowest (KDE SC 4.11 Default).

The results with the greatest spread from best to worst included:

OpenArena (Resolution: 1920 x 1080 - Total Frame Time) at 22x

Unigine Tropics (Resolution: 1920 x 1080) at 1.025x

Xonotic (Resolution: 1920 x 1080 - Effects Quality: Low) at 1.018x

GpuTest (Test: Furmark - Resolution: 1920 x 1080) at 1.015x

Xonotic (Resolution: 1920 x 1080 - Effects Quality: Ultra) at 1.011x

Xonotic (Resolution: 1920 x 1080 - Effects Quality: High) at 1.009x

Nexuiz (Resolution: 1920 x 1080 - HDR: No - Sound: Off) at 1.007x

Warsow (Resolution: 1920 x 1080) at 1.007x

Prey (Resolution: 1920 x 1080) at 1.005x

World of Padman (Resolution: 1920 x 1080) at 1.005x.

Test Systems:

KDE SC 4.11 Default

Suspended Effects Fullscreen

Processor: Intel Core i7-4750HQ @ 2.00GHz (8 Cores), Motherboard: System76 Galago UltraPro, Chipset: Intel Crystal Well DRAM, Memory: 8192MB, Disk: 120GB INTEL SSDMCEAC12, Graphics: Intel Crystal Well IGP (1200MHz), Audio: Intel Haswell HDMI, Network: Intel Connection I217-V + Intel Centrino Wireless-N 2230

OS: Ubuntu 13.10, Kernel: 3.11.0-12-generic (x86_64), Desktop: KDE 4.11.2, Display Server: X Server 1.14.3, Display Driver: intel 2.99.904, OpenGL: 3.3 Mesa 10.0.0-devel (git-c325aa5), Compiler: GCC 4.8, File-System: ext4, Screen Resolution: 1920x1080

```
Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-werror --enable-checking=release --enable-clocale-gnu --enable-gnu-unique-object
--enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes
--enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64
--with-arch-32=i686 --with-arch-directory=amd64 --with-ecj-jar=/usr/share/java/eclipse-ecj.jar --with-java-home=/usr/lib/jvm/java-1.5.0-gcj-4.8-amd64/jre
--with-jvm-jar-dir=/usr/lib/jvm-exports/java-1.5.0-gcj-4.8-amd64 --with-jvm-root-dir=/usr/lib/jvm/java-1.5.0-gcj-4.8-amd64 --with-multilib-list=m32,m64,mx32
--with-tune=generic -v
```

Graphics Notes: SNA

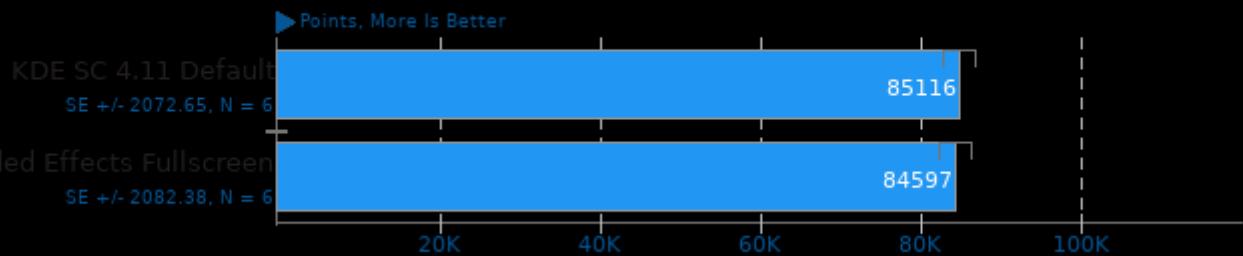
	KDE SC 4.11 Default	Suspended Effects Fullscreen
GpuTest - Triangle - 1920 x 1080 (Points)	85116	84597
Normalized	100%	99.39%
Standard Deviation	6%	6%
GpuTest - Furmark - 1920 x 1080 (Points)	666	656
Normalized	100%	98.5%
Standard Deviation	3.1%	3.9%
GpuTest - Plot3D - 1920 x 1080 (Points)	5710	5714
Normalized	99.93%	100%
Standard Deviation	0.1%	0%
Nexuiz - 1920 x 1080 - No - Off (FPS)	12.51	12.60
Normalized	99.29%	100%
Standard Deviation	3.4%	1.2%
Prey - 1920 x 1080 (FPS)	84.87	85.27
Normalized	99.53%	100%
Standard Deviation	0.6%	0.8%
World of Padman - 1920 x 1080 (FPS)	300.07	298.70
Normalized	100%	99.54%
Standard Deviation	2.2%	2.3%
OpenArena - 1920 x 1080 (FPS)	339.56	340.23
Normalized	99.8%	100%

	Standard Deviation	3.2%	3.1%
OpenArena - 1920 x 1080 (FPS)	69.53	69.83	
Normalized	99.57%	100%	
Standard Deviation	1.1%	1.2%	
Xonotic - 1920 x 1080 - Low (FPS)	251.19	246.64	
Normalized	100%	98.19%	
Standard Deviation	1.1%	1.1%	
Xonotic - 1920 x 1080 - High (FPS)	127.16	128.30	
Normalized	99.11%	100%	
Standard Deviation	0.4%	0.6%	
Xonotic - 1920 x 1080 - Ultra (FPS)	95.05	96.11	
Normalized	98.9%	100%	
Standard Deviation	0.2%	0.9%	
Unigine Sanctuary - 1920 x 1080 (FPS)	26.66	26.67	
Normalized	99.96%	100%	
Standard Deviation	0.3%	0.2%	
Unigine Tropics - 1920 x 1080 (FPS)	26.67	27.34	
Normalized	97.55%	100%	
Standard Deviation	0.2%	0.2%	
GpuTest - Pixmark Piano - 1920 x 1080 (Points)	158	158	
Normalized	0.7%	0.6%	
Warsow - 1920 x 1080 (FPS)	85.80	86.40	
Normalized	99.31%	100%	
Standard Deviation	0.5%	0.1%	
GpuTest - Pixmark Volplosion - 1920 x 1080 (Points)	484	485	
Normalized	99.79%	100%	
Standard Deviation	2.1%	0.9%	
Doom 3 - 1920 x 1080 - Ultra (FPS)	96.27	96.20	
Normalized	100%	99.93%	
Standard Deviation	0.5%	0.7%	

KDE SC 4.11 Default

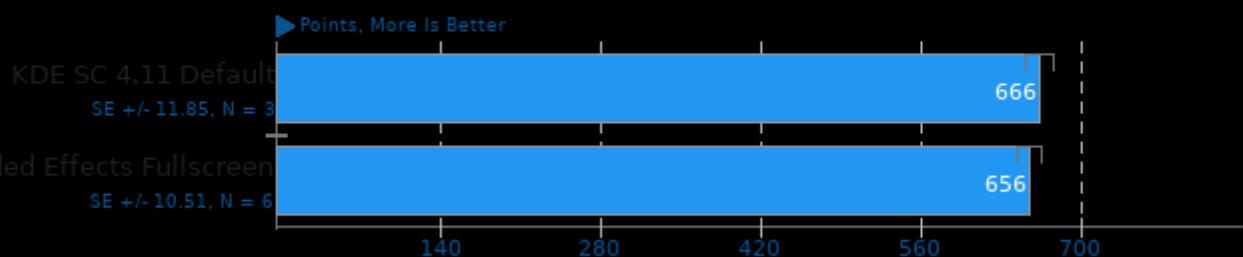
GpuTest 0.5.0

Test: Triangle - Resolution: 1920 x 1080



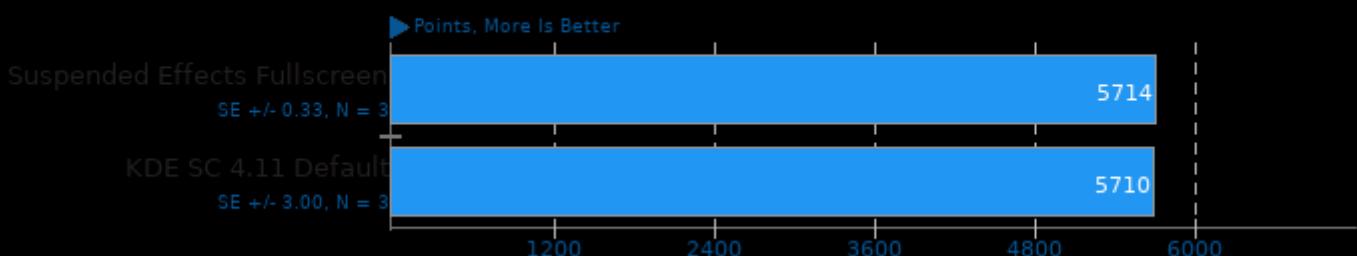
GpuTest 0.5.0

Test: Furmark - Resolution: 1920 x 1080



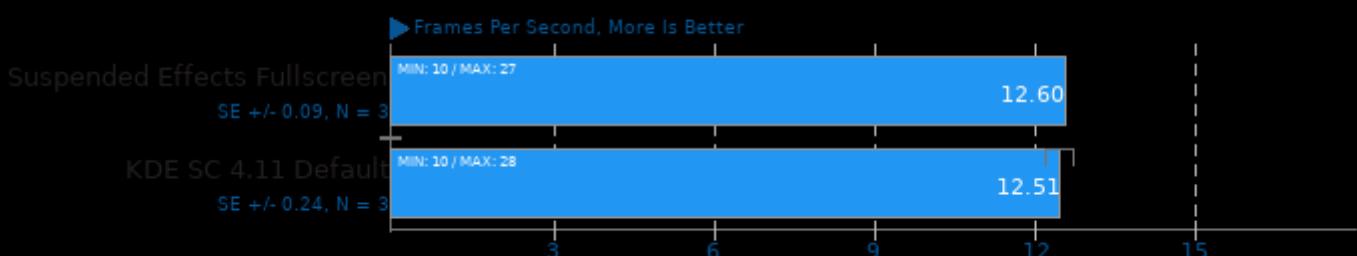
GpuTest 0.5.0

Test: Plot3D - Resolution: 1920 x 1080



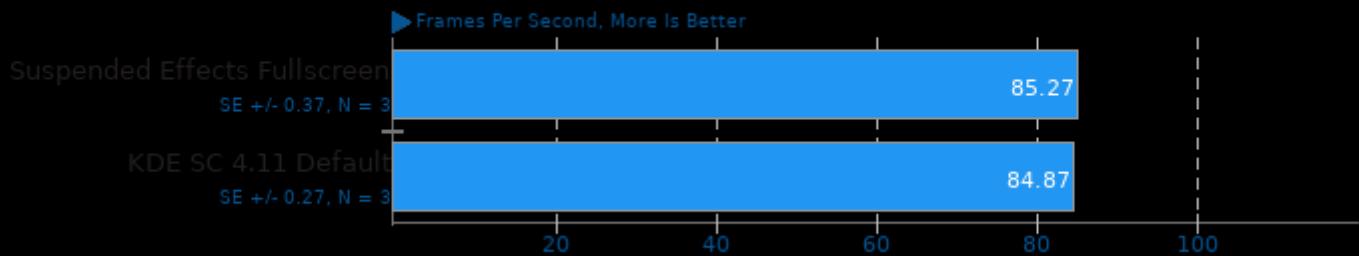
Nexuiz 2.5.2

Resolution: 1920 x 1080 - HDR: No - Sound: Off

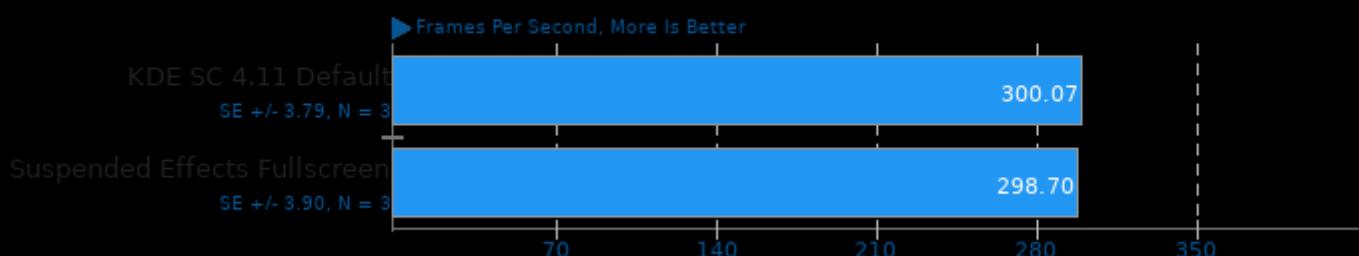


Prey 1.4.119

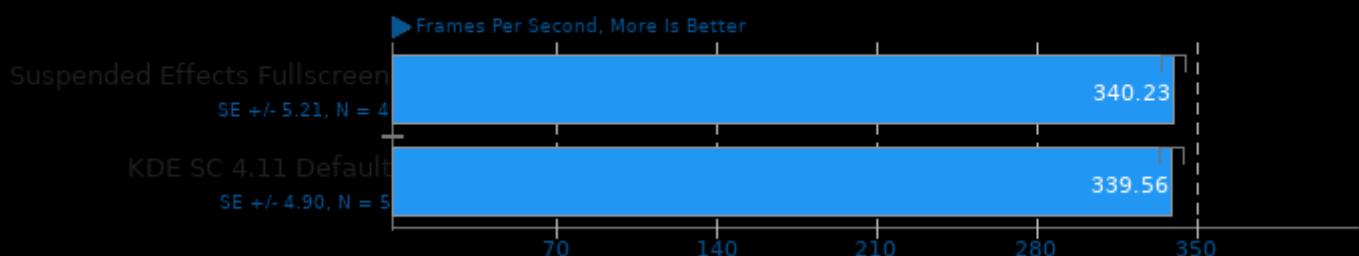
Resolution: 1920 x 1080

**World of Padman 1.2**

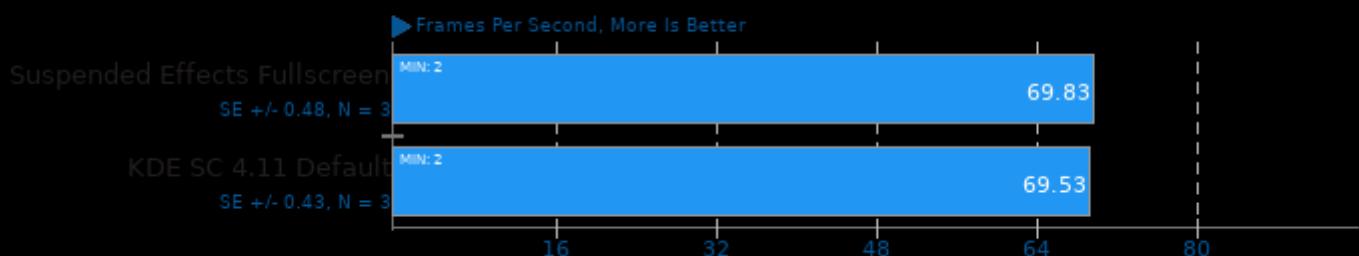
Resolution: 1920 x 1080

**OpenArena 0.8.5**

Resolution: 1920 x 1080

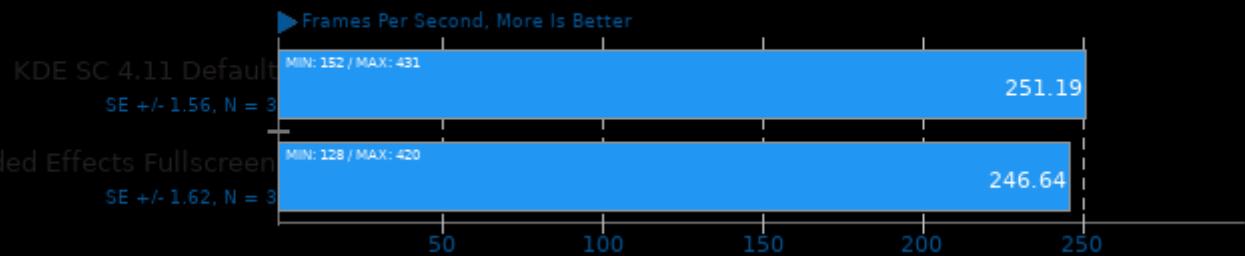
**OpenArena 0.8.8**

Resolution: 1920 x 1080



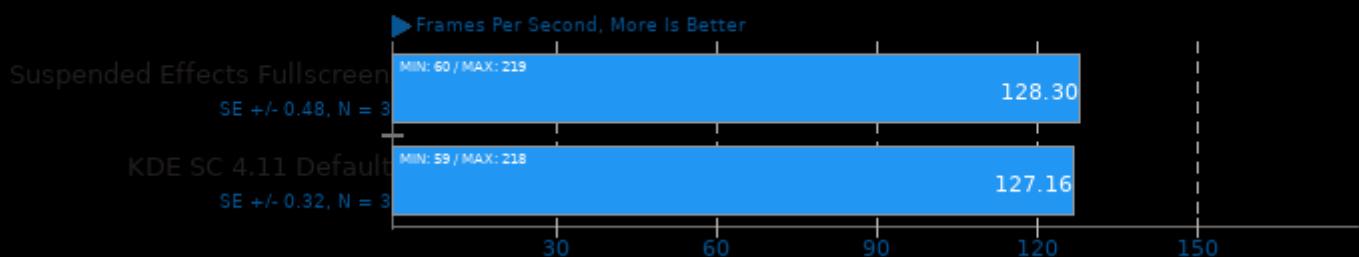
Xonotic 0.7

Resolution: 1920 x 1080 - Effects Quality: Low



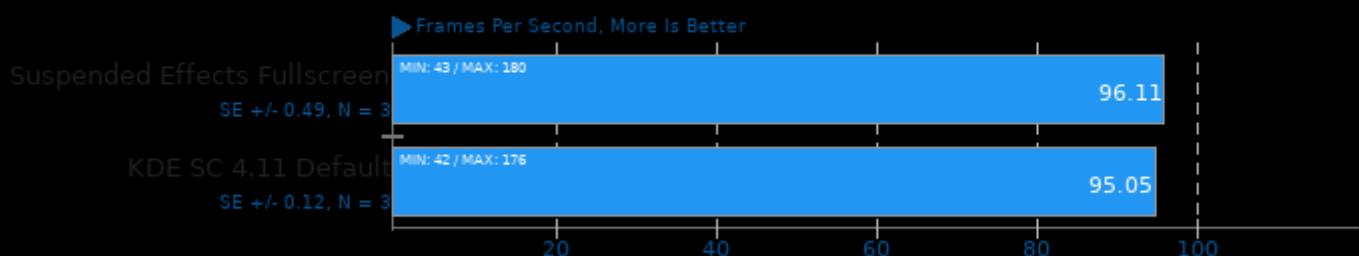
Xonotic 0.7

Resolution: 1920 x 1080 - Effects Quality: High



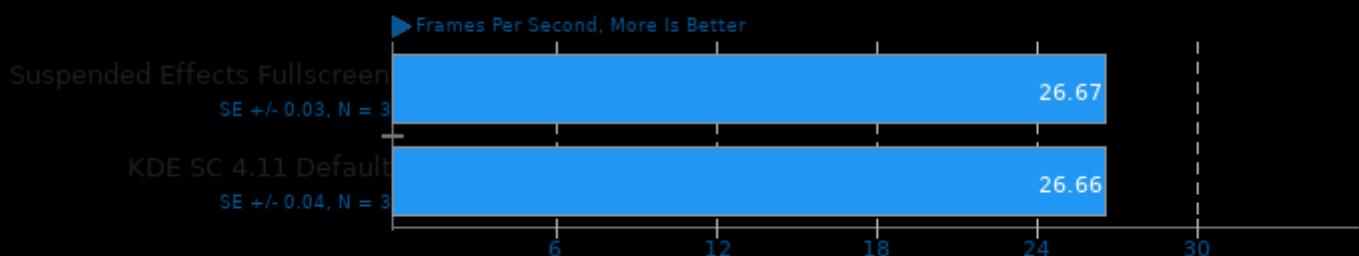
Xonotic 0.7

Resolution: 1920 x 1080 - Effects Quality: Ultra



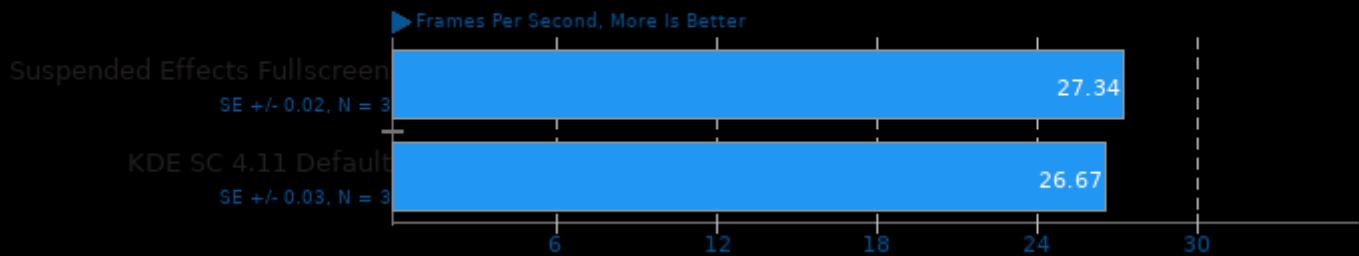
Unigine Sanctuary 2.3

Resolution: 1920 x 1080



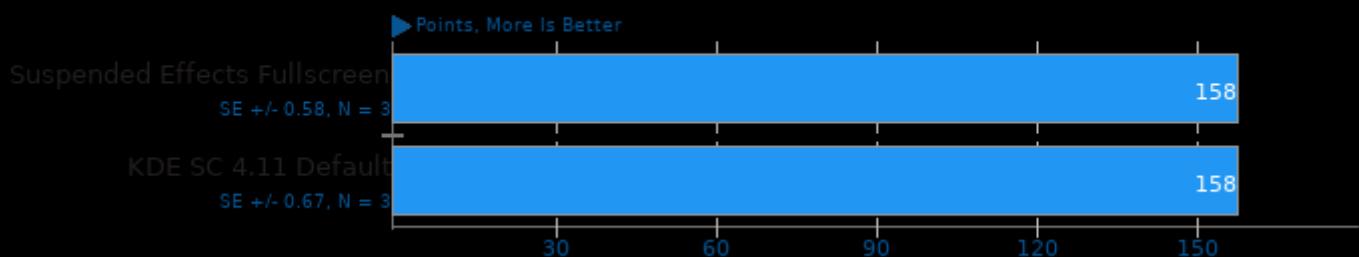
Unigine Tropics 1.3

Resolution: 1920 x 1080



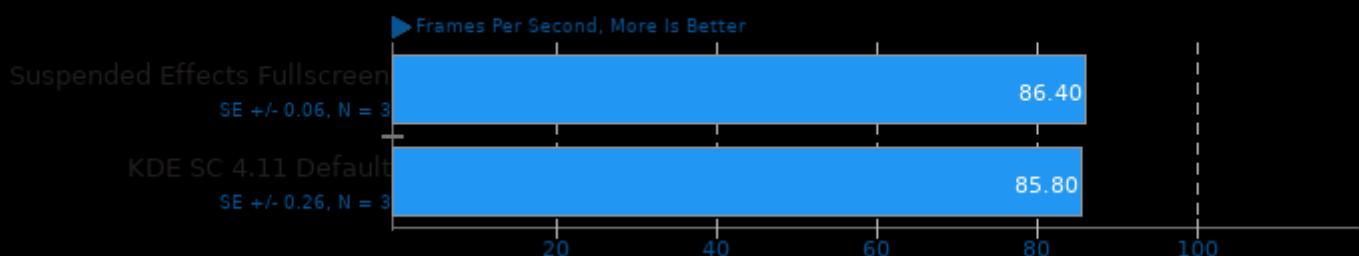
GpuTest 0.5.0

Test: Pixmark Piano - Resolution: 1920 x 1080



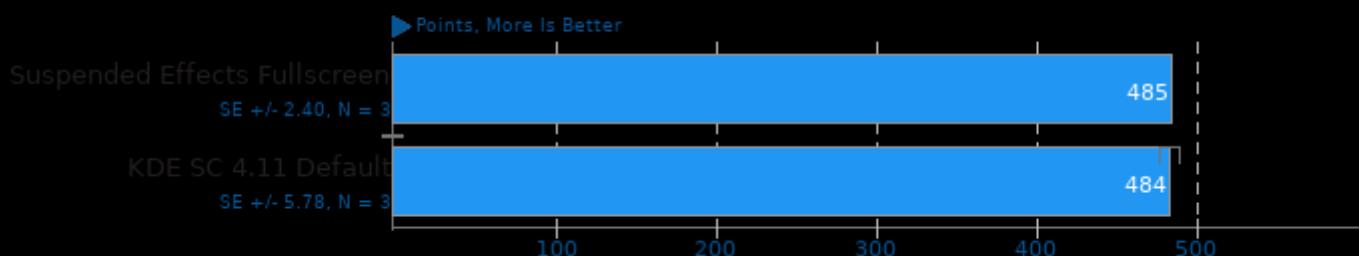
Warsow 1.0

Resolution: 1920 x 1080



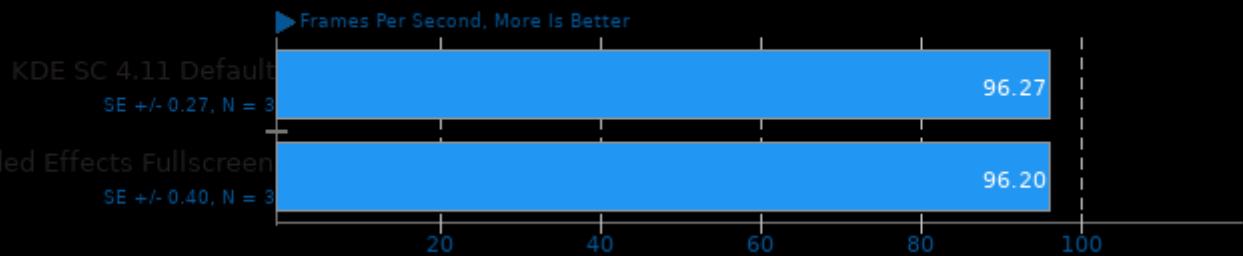
GpuTest 0.5.0

Test: Pixmark Volplosion - Resolution: 1920 x 1080



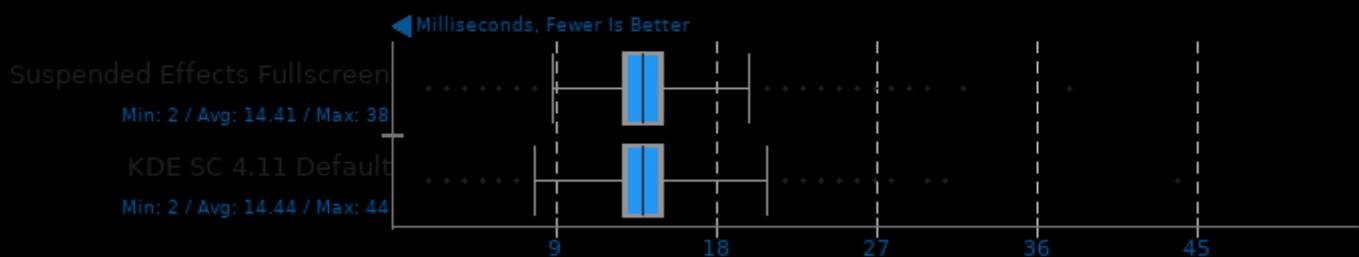
Doom 3 1.3.1

Resolution: 1920 x 1080 - Quality: Ultra

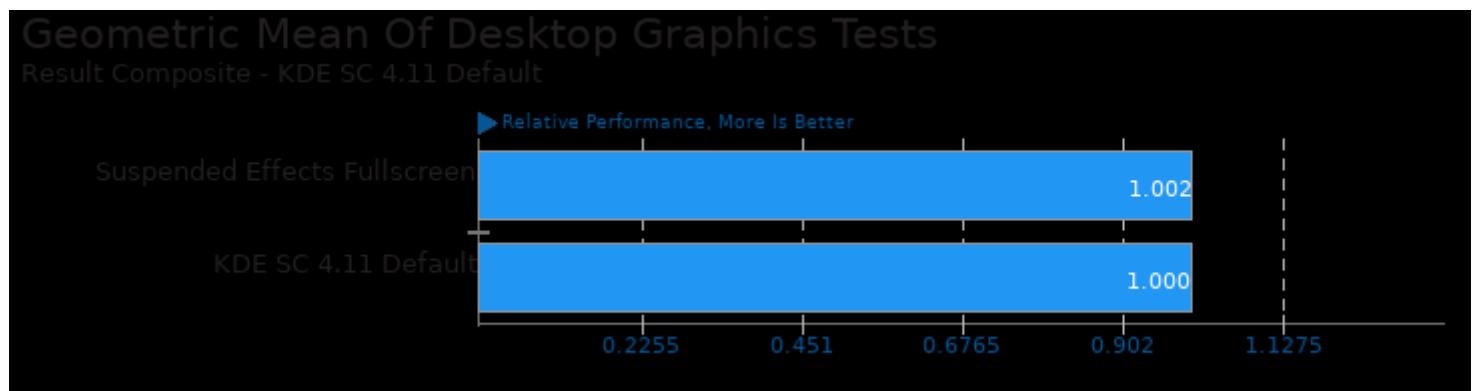


OpenArena 0.8.8

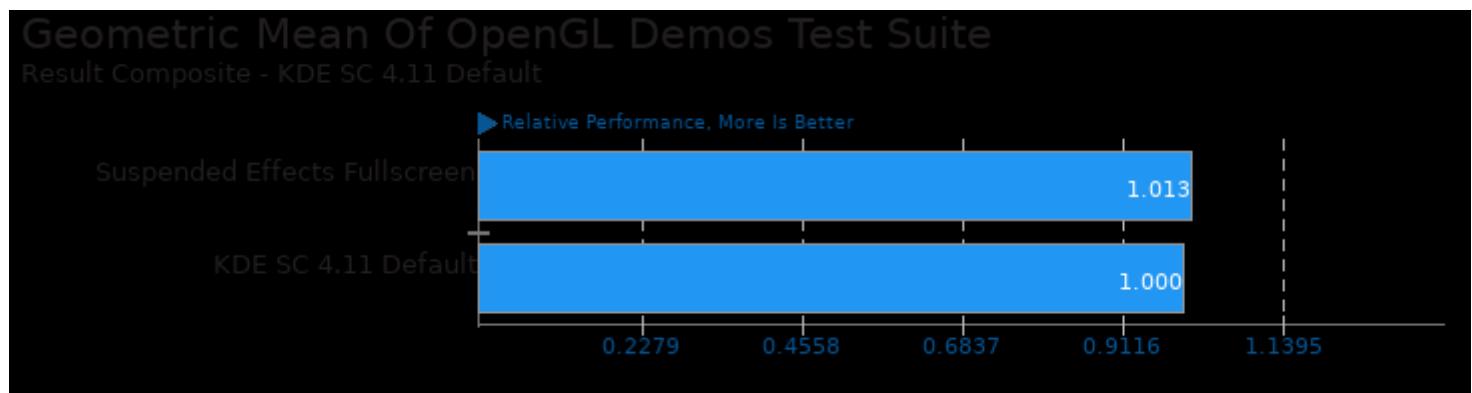
Resolution: 1920 x 1080 - Total Frame Time



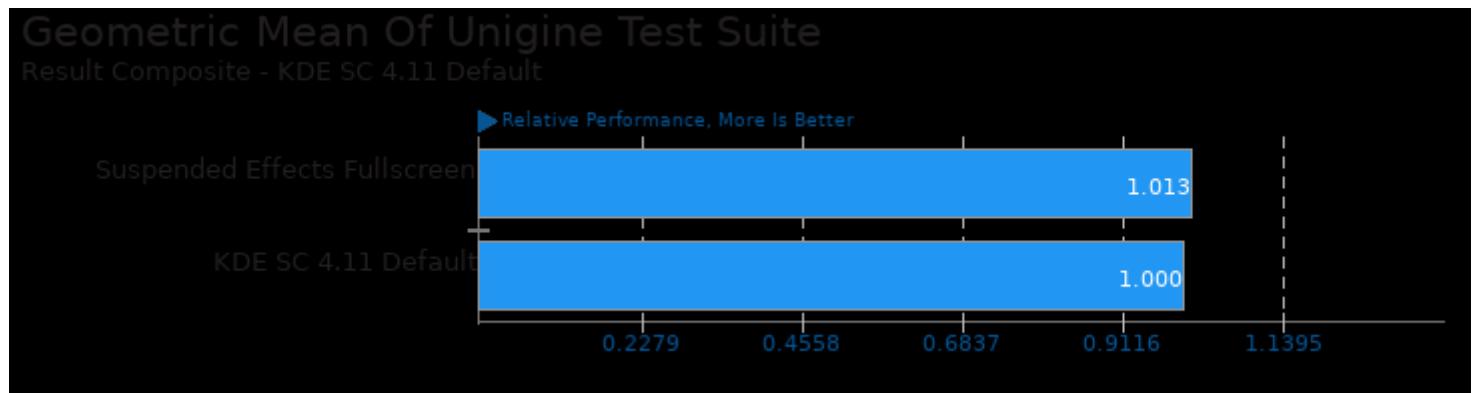
These geometric means are based upon test groupings / test suites for this result file.



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



Geometric mean based upon tests: pts/unigine-sanctuary and pts/unigine-tropics



Geometric mean based upon tests: pts/unigine-sanctuary and pts/unigine-tropics

This file was automatically generated via the Phoronix Test Suite benchmarking software on Wednesday, 6 December 2023 02:18.