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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:

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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

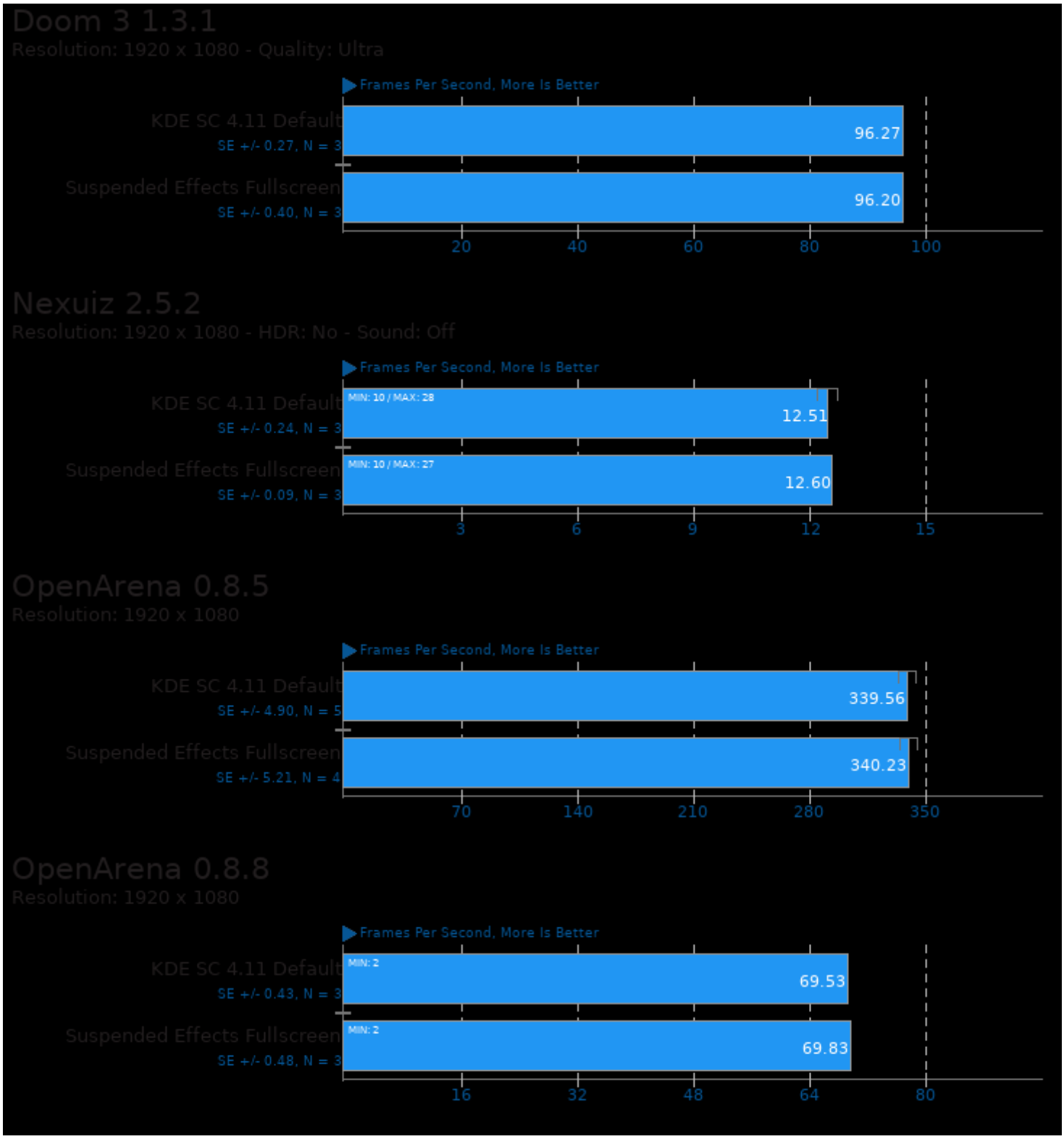
Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --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
Doom 3 - 1920 x 1080 - Ultra (FPS)	**96.27**	**96.20**
Normalized	100%	99.93%
Standard Deviation	0.5%	0.7%
Nexuiz - 1920 x 1080 - No - Off (FPS)	**12.51**	**12.60**
Normalized	99.29%	100%
Standard Deviation	3.4%	1.2%
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%
World of Padman - 1920 x 1080 (FPS)	**300.07**	**298.70**
Normalized	100%	99.54%
Standard Deviation	2.2%	2.3%
Prey - 1920 x 1080 (FPS)	**84.87**	**85.27**
Normalized	99.53%	100%
Standard Deviation	0.6%	0.8%
Unigine Sanctuary - 1920 x 1080 (FPS)	**26.66**	**26.67**
Normalized	99.96%	100%

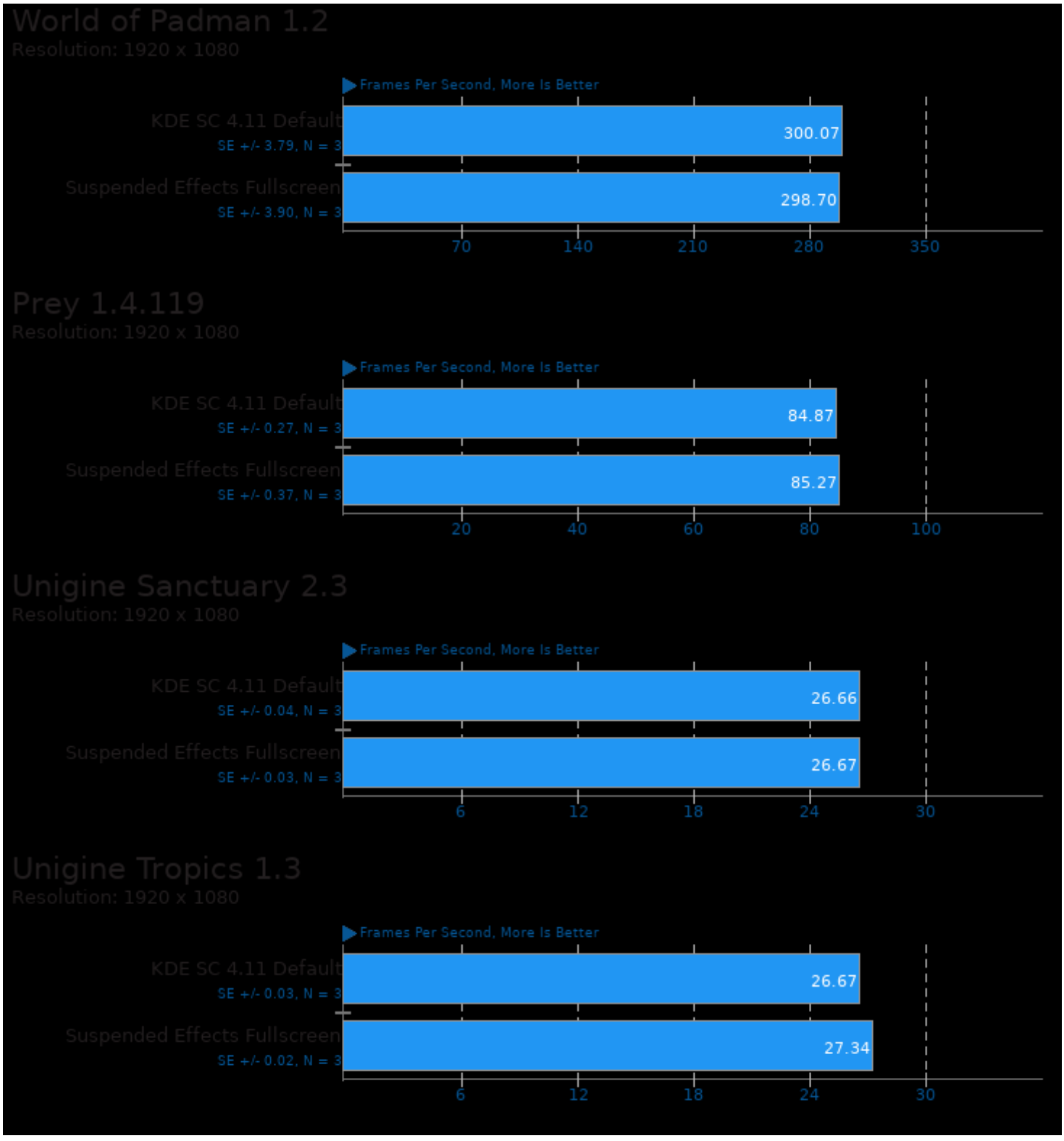
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Standard Deviation	0.3%	0.2%
Unigine Tropics - 1920 x 1080 (FPS)	**26.67**	**27.34**
Normalized	97.55%	100%
Standard Deviation	0.2%	0.2%
Warsow - 1920 x 1080 (FPS)	**85.80**	**86.40**
Normalized	99.31%	100%
Standard Deviation	0.5%	0.1%
Xonotic - 1920 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%
GpuTest - Plot3D - 1920 x 1080 (Points)	**5710**	**5714**
Normalized	99.93%	100%
Standard Deviation	0.1%	0%
GpuTest - Furmark - 1920 x 1080 (Points)	**666**	**656**
Normalized	100%	98.5%
Standard Deviation	3.1%	3.9%
GpuTest - Triangle - 1920 x 1080 (Points)	**85116**	**84597**
Normalized	100%	99.39%
Standard Deviation	6%	6%
GpuTest - Pixmark Piano - 1920 x 1080 (Points)	158	158
Standard Deviation	0.7%	0.6%
GpuTest - Pixmark Volplosion - 1920 x 1080 (Points)	**484**	**485**
Normalized	99.79%	100%
Standard Deviation	2.1%	0.9%

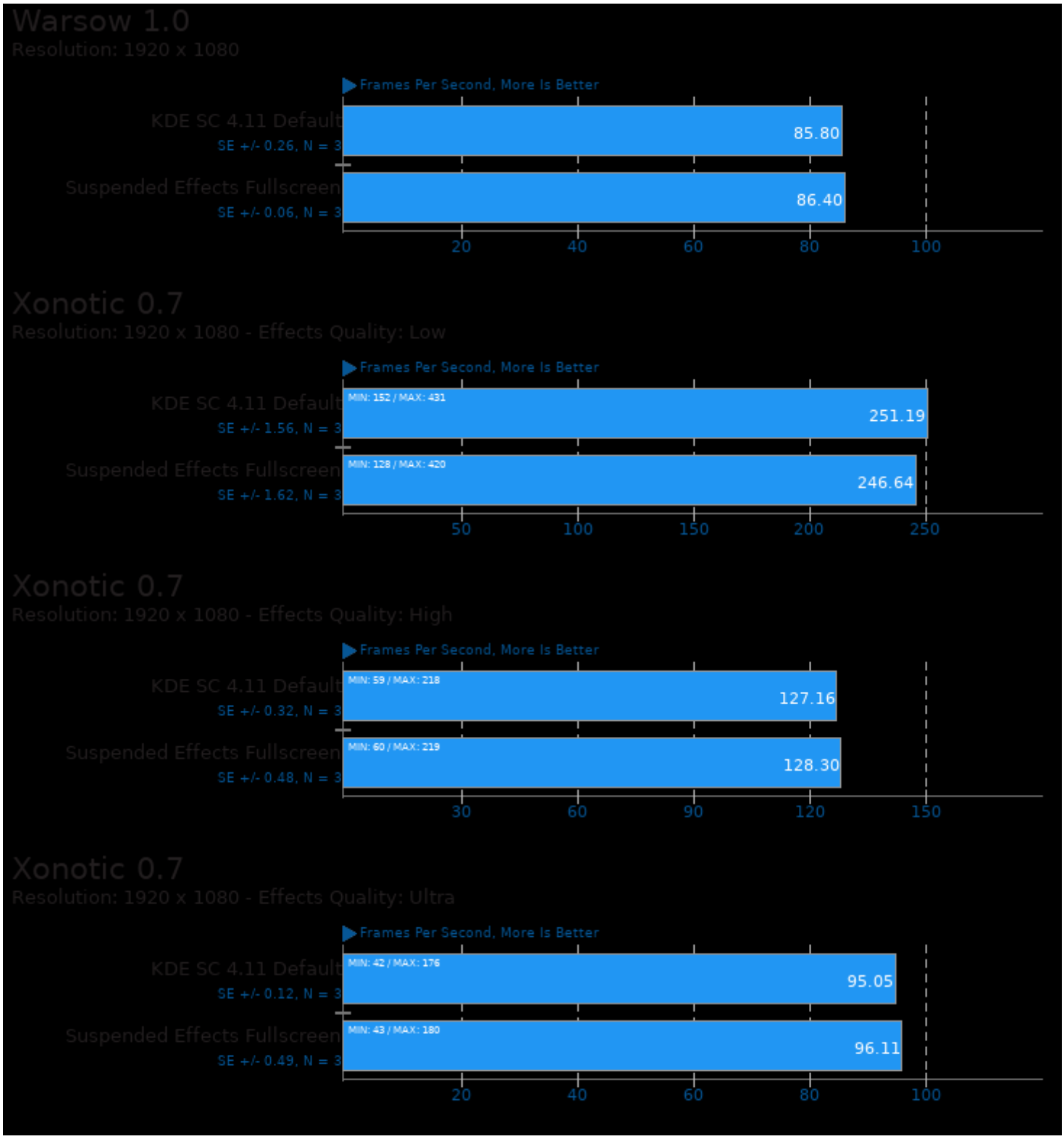
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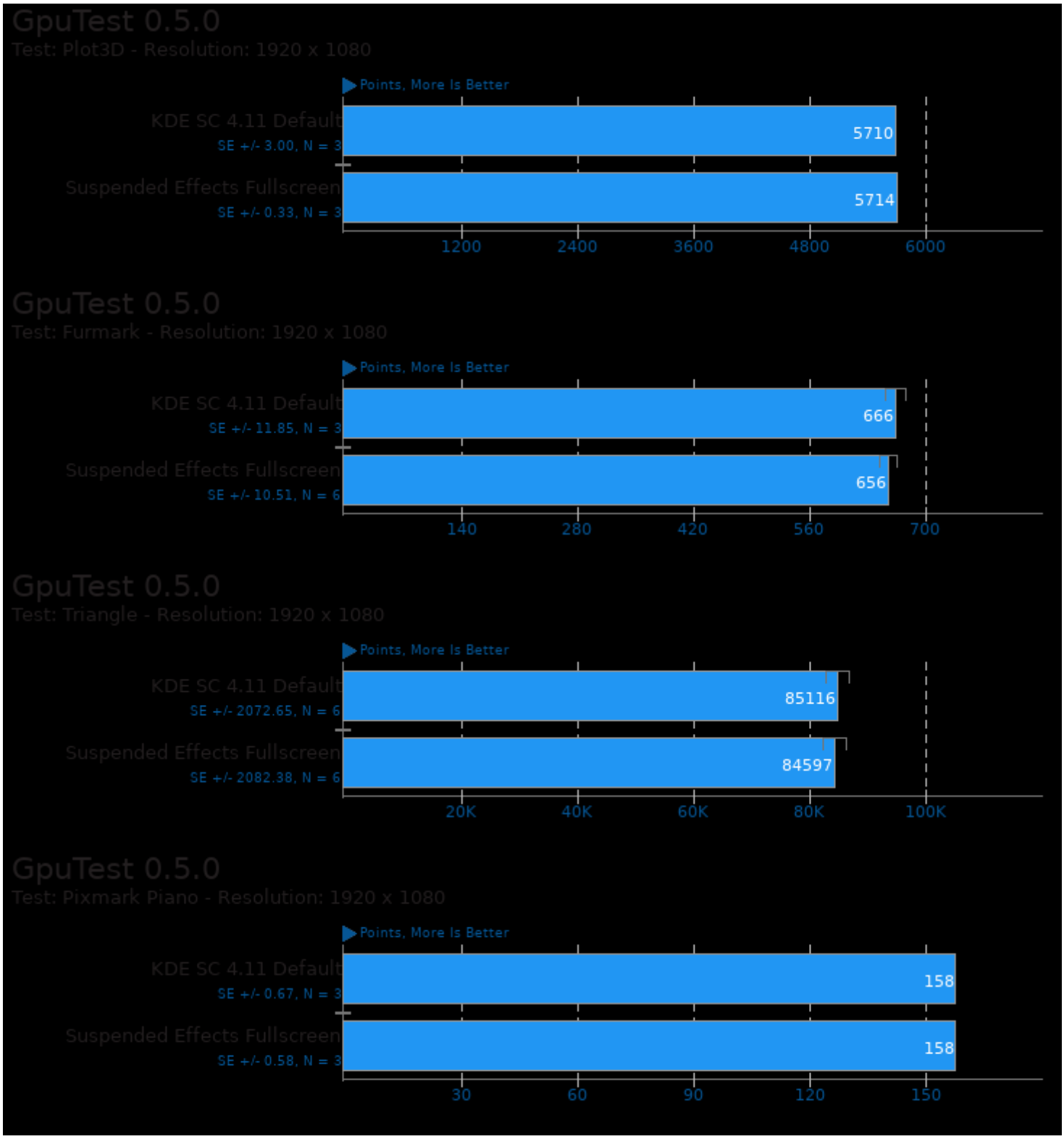
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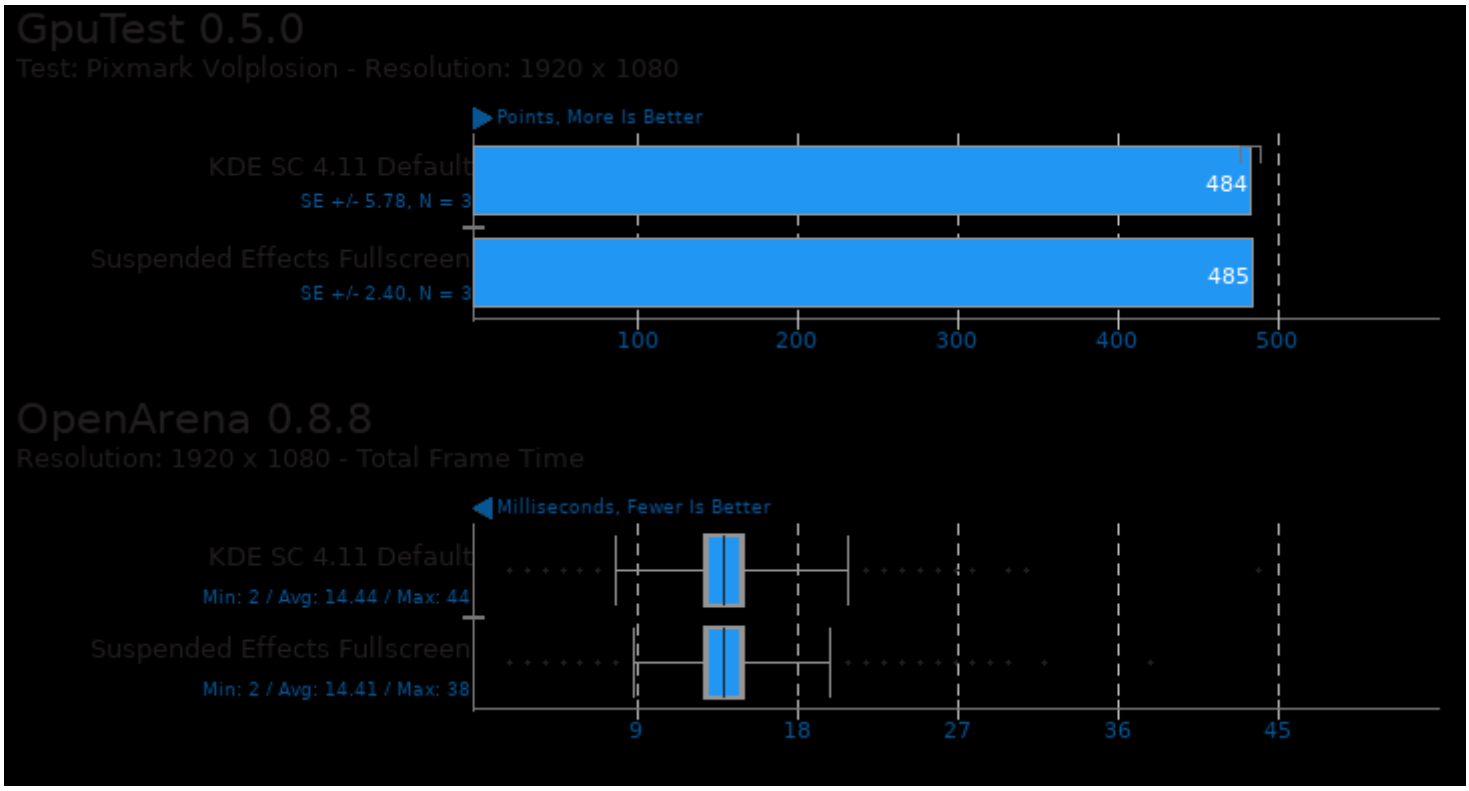
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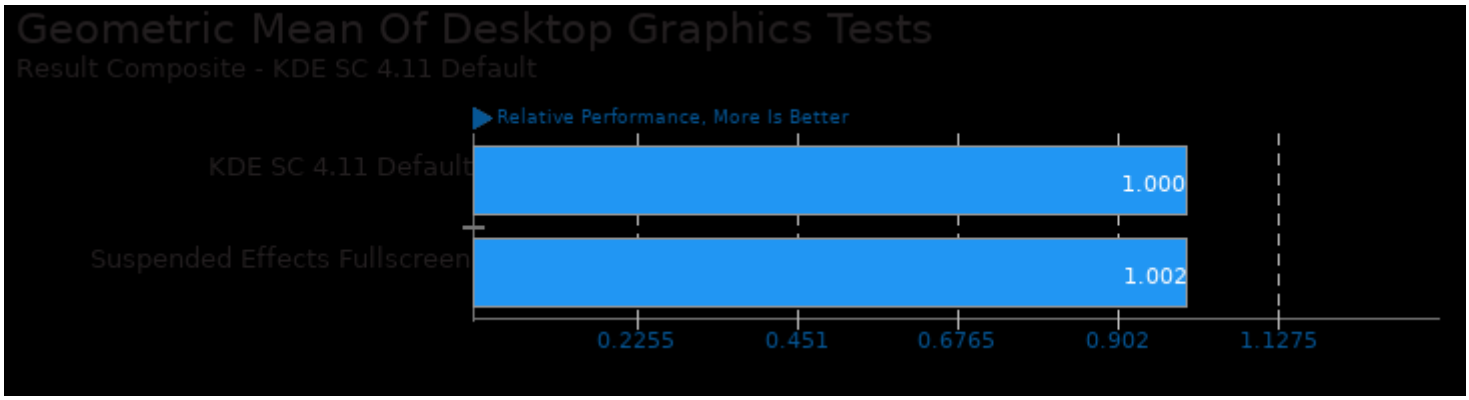


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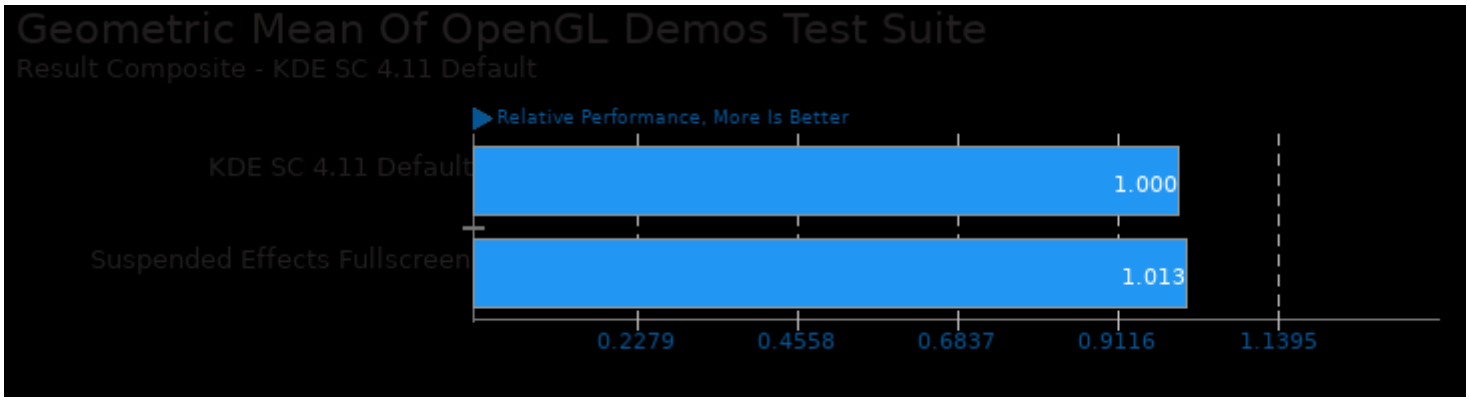


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These geometric means are based upon test groupings / test suites for this result file.



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



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 Thursday, 28 March 2024 11:46.