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Test Systems:

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Processor: AMD Phenom 9750 @ 2.40GHz (4 Cores), Motherboard: Gigabyte M52L-S3P (F2 BIOS), Chipset: NVIDIA MCP61, Memory: 4096MB, Disk: 90GB Corsair Force GT + 1000GB Portable, Graphics: NVA0 1024MB, Audio: Realtek ALC883, Monitor: Viseo233D

OS: LinuxMint 18.2, Kernel: 4.16.3-041603-generic (x86_64), Desktop: Cinnamon 3.4.6, Display Server: X Server 1.18.4, Display Driver: modesetting 1.18.4, OpenGL: 3.3 Mesa 18.0.5, Compiler: GCC 5.4.0 20160609, File-System: ext4 (ecryptfs), Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --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,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx

--enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --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-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
Security Notes: __user pointer sanitization + Full AMD retpoline

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Processor: AMD Phenom 9750 @ 2.40GHz (4 Cores), Motherboard: Gigabyte M52L-S3P (F2 BIOS), Chipset: NVIDIA MCP61, Memory: 4096MB, Disk: 90GB Corsair Force GT, Graphics: NVA0 1024MB, Audio: Realtek ALC883, Monitor: Viseo233D

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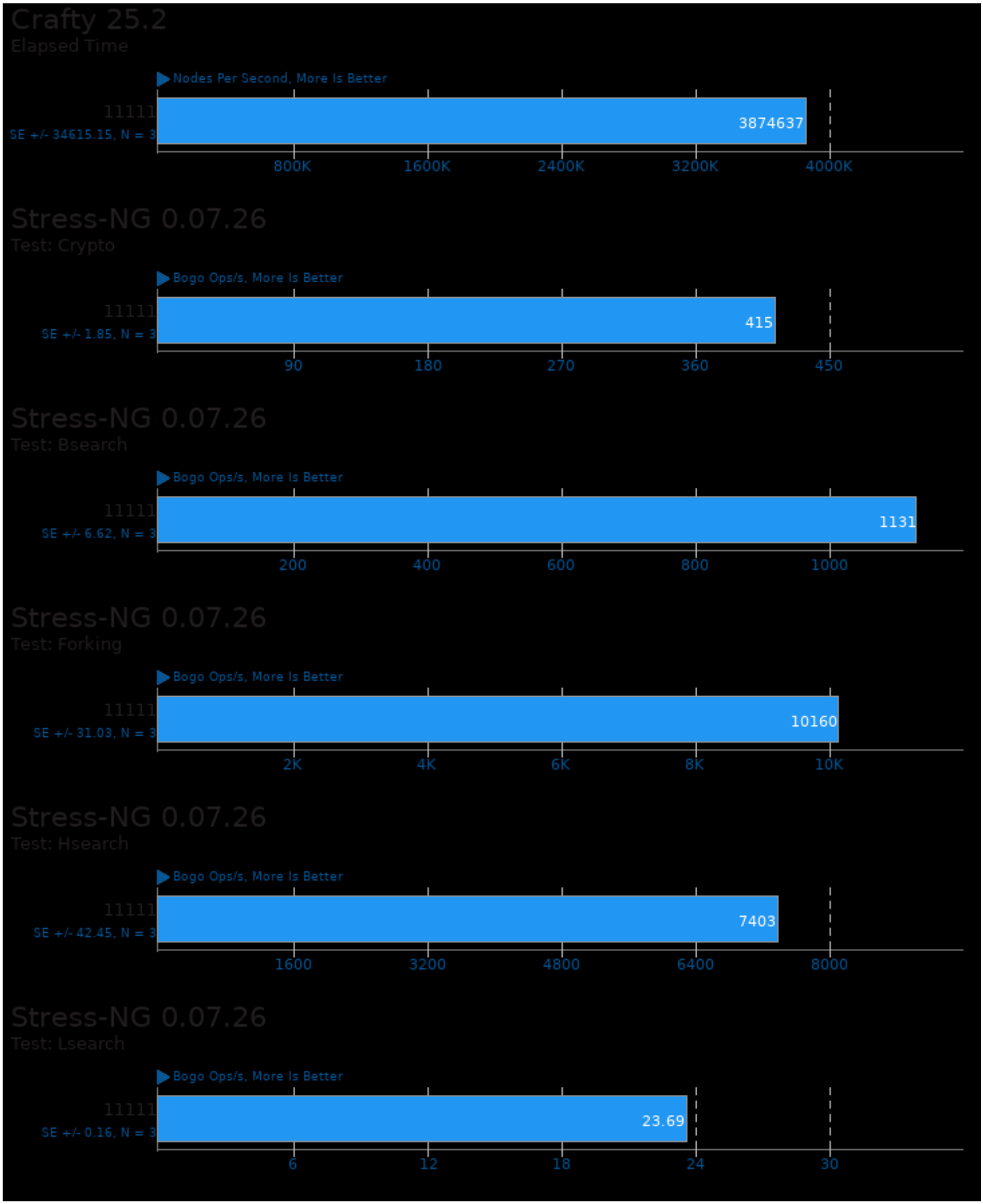
Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --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-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
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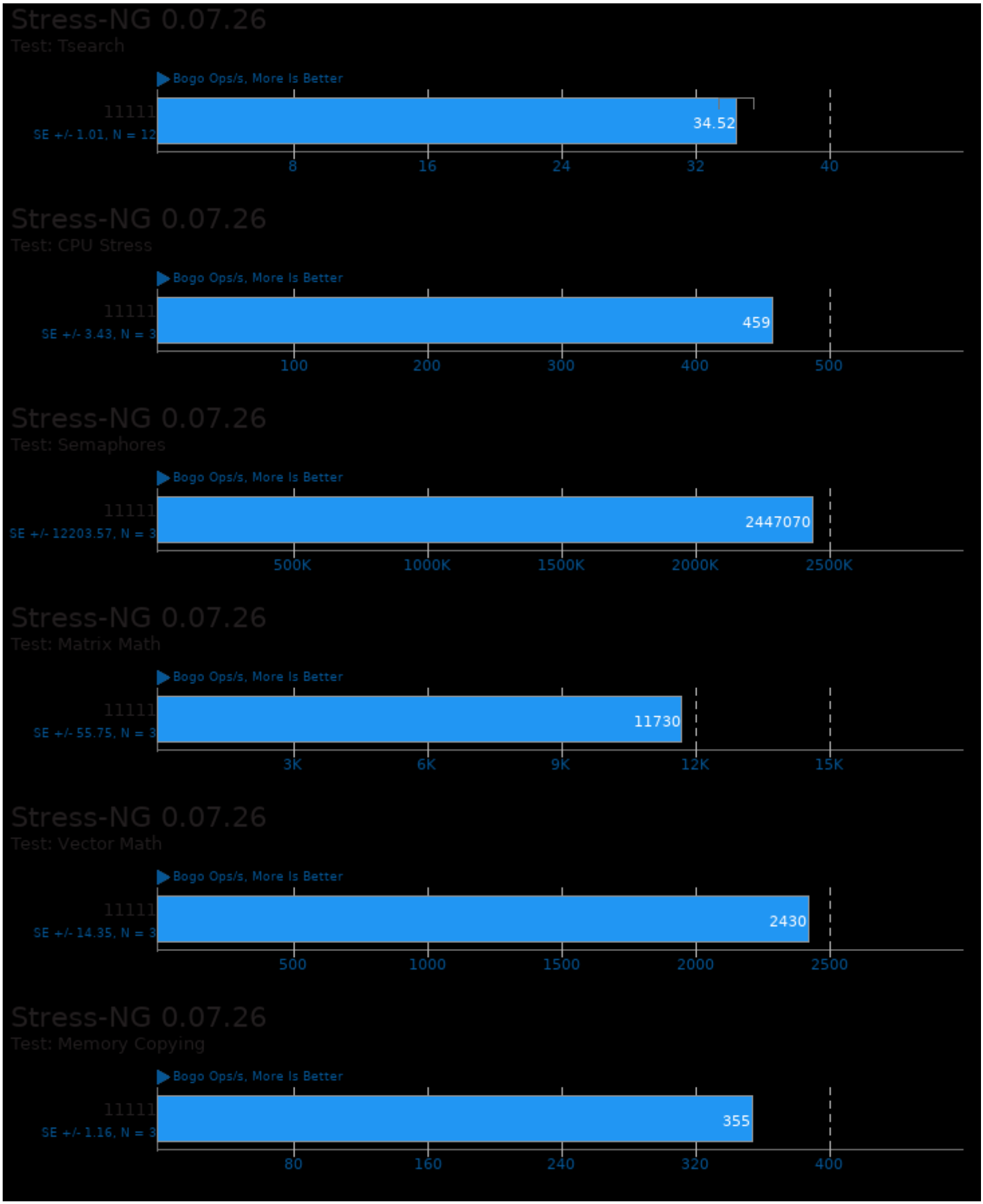
	11111	11112	11113
Crafty - Elapsed Time (Nodes/s)	3898585		
Normalized	100%		
Standard Deviation	0.4%		
Stress-NG - Crypto (Bogo Ops/s)	415		
Standard Deviation	0.8%		
Stress-NG - Bsearch (Bogo Ops/s)	1131		
Standard Deviation	1%		
Stress-NG - Forking (Bogo Ops/s)	10160		
Standard Deviation	0.5%		
Stress-NG - Hsearch (Bogo Ops/s)	7403		
Standard Deviation	1%		
Stress-NG - Lsearch (Bogo Ops/s)	23.69		
Standard Deviation	1.2%		
Stress-NG - Tsearch (Bogo Ops/s)	34.52		
Standard Deviation	10.1%		
Stress-NG - CPU Stress (Bogo Ops/s)	459		
Standard Deviation	1.3%		
Stress-NG - Semaphores (Bogo Ops/s)	2447070		
Standard Deviation	0.9%		
Stress-NG - Matrix Math (Bogo Ops/s)	11730		
Standard Deviation	0.8%		
Stress-NG - Vector Math (Bogo Ops/s)	2430		
Standard Deviation	1%		
Stress-NG - Memory Copying (Bogo Ops/s)	355		
Standard Deviation	0.6%		
John The Ripper - Blowfish (Real C/S)	3455	2557	
Normalized	100%	74.01%	

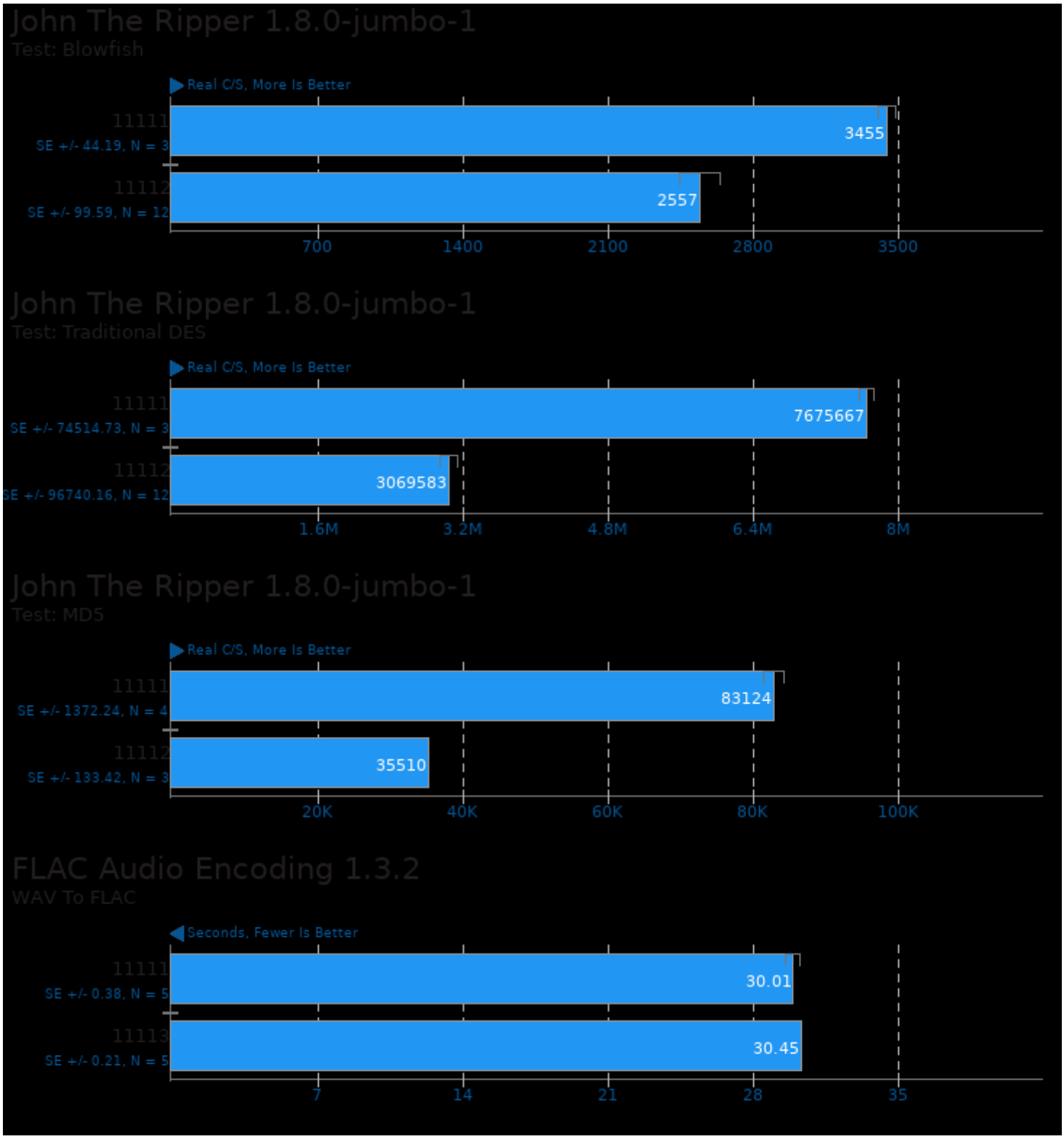
Standard Deviation	2.2%	13.5%	
John The Ripper - Traditional DES (Real C/S)	**7675667**	**3069583**	
Normalized	100%	39.99%	
Standard Deviation	1.7%	10.9%	
John The Ripper - MD5 (Real C/S)	**83124**	**35510**	
Normalized	100%	42.72%	
Standard Deviation	3.3%	0.7%	
FLAC Audio Encoding - WAV To FLAC (sec)	**30.01**		**30.45**
Normalized	100%		98.56%
Standard Deviation	2.8%		1.5%
LAME MP3 Encoding - WAV To MP3 (sec)	**77.22**		**78.98**
Normalized	100%		97.77%
Standard Deviation	0.6%		0.3%
WavPack Audio Encoding - WAV To WavPack (sec)	**14.00**		**14.72**
Normalized	100%		95.11%
Standard Deviation	0.3%		0.4%
TSCP - A.C.P (Nodes/s)	590081		
Standard Deviation	0.3%		
Parallel BZIP2 Compression - 2.F.C (sec)	23.51		
Standard Deviation	33.2%		
Himeno Benchmark - P.P.S (MFLOPS)	478.81		
Standard Deviation	0.8%		
QGears2 - OpenGL - Text (FPS)	18.18		
Standard Deviation	0.1%		
QGears2 - OpenGL - Gears (FPS)	228.11		
Standard Deviation	1.8%		
QGears2 - OpenGL - Image Scaling (FPS)	331.00		
Standard Deviation	0.3%		
QGears2 - CPU-based Raster - Text (FPS)	16.24		
Standard Deviation	0.3%		
QGears2 - CPU-based Raster - Gears (FPS)	105.27		
Standard Deviation	0.2%		
QGears2 - XRender Extension - Text (FPS)	28.67		
Standard Deviation	0.3%		
QGears2 - XRender Extension - Gears (FPS)	111.10		
Standard Deviation	0.3%		
QGears2 - CPU-based Raster - Image Scaling (FPS)	304.88		
Standard Deviation	1.4%		
QGears2 - XRender Extension - Image Scaling (FPS)	358.89		
Standard Deviation	1.7%		
Render Bench (sec)	24.12		
Standard Deviation	0.3%		
SQLite - T.S.I (sec)	27.58		
Standard Deviation	1.2%		
Dbench - 12 Clients (MB/s)	270.10		
Standard Deviation	0.5%		
Dbench - 1 (MB/s)	92.14		
Standard Deviation	0.3%		

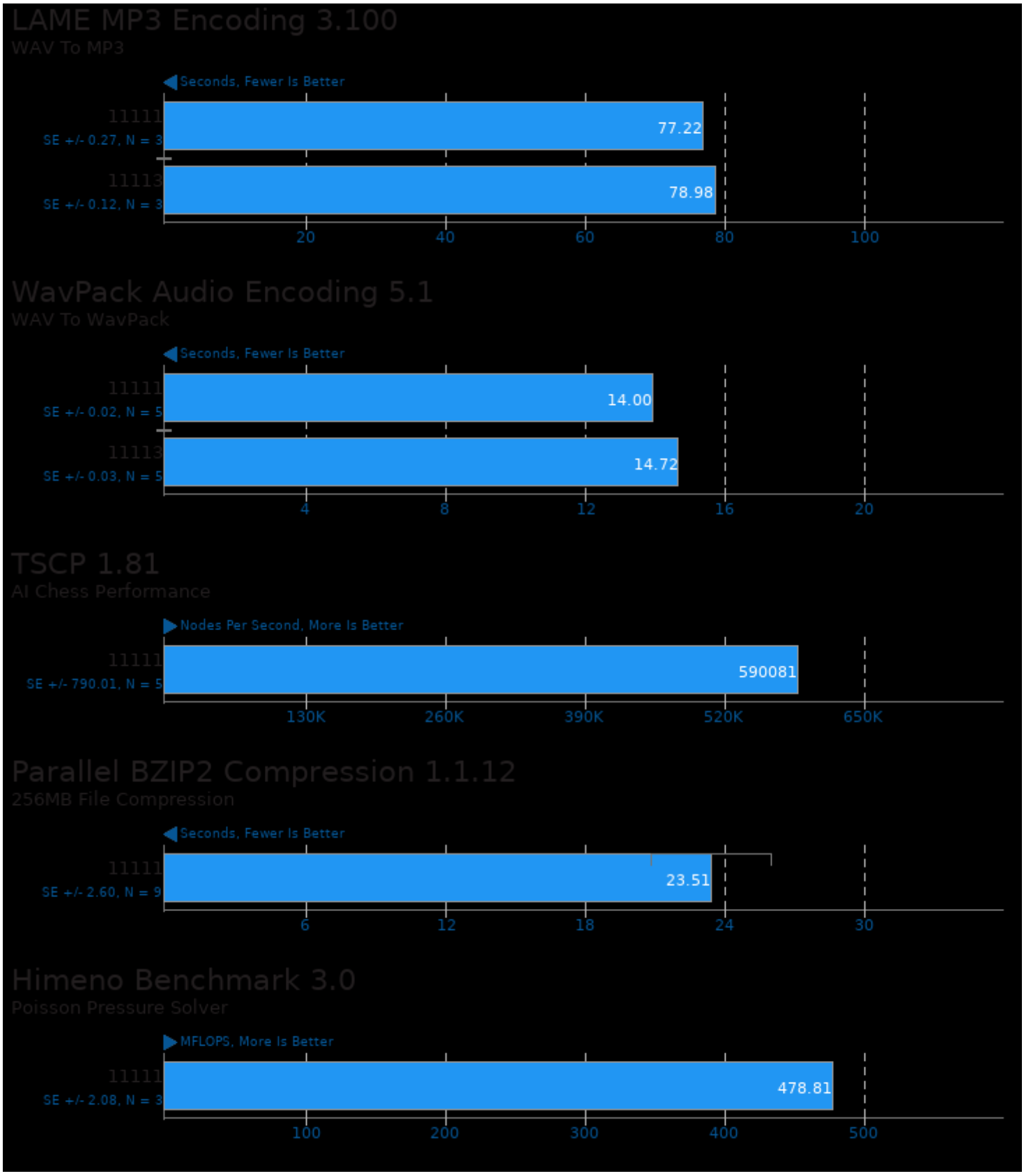
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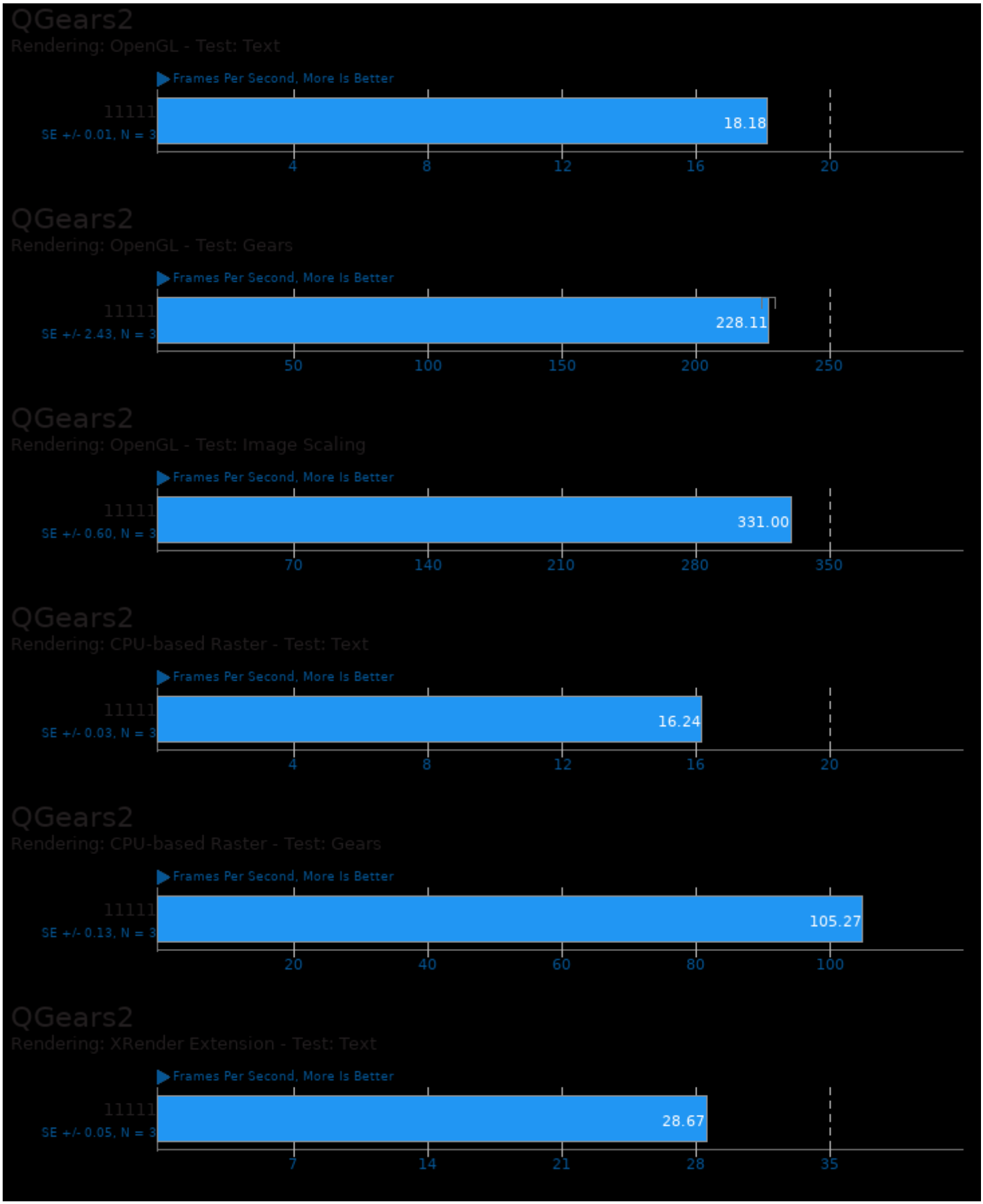
SPECViewPerf 10.1 - 1920 x 1080 - sw-01 (Weighted Geometric Mean)	10.48	
Standard Deviation	0.3%	
SPECViewPerf 10.1 - 1920 x 1080 - maya-02 (Weighted Geometric Mean)	19.65	
Standard Deviation	1.4%	
SPECViewPerf 10.1 - 1920 x 1080 - tcvis-01 (Weighted Geometric Mean)	2.68	
Standard Deviation	18.2%	
FFmpeg - H.2.H.T.N.D (sec)		21.37
Standard Deviation		3.2%
Mencoder - AVI To LAVC (sec)		43.73
Standard Deviation		1.2%


Crafty 25.2
Elapsed Time
Nodes Per Second, More Is Better
11111
SE +/- 34615.15, N = 3
3874637
800K
1600K
2400K
3200K
4000K
Stress-NG 0.07.26
Test: Crypto
Bogo Ops/s, More Is Better
11111
SE +/- 1.85, N = 3
415
90
180
270
360
450
Stress-NG 0.07.26
Test: Bsearch
Bogo Ops/s, More Is Better
11111
SE +/- 6.62, N = 3
1131
200
400
600
800
1000
Stress-NG 0.07.26
Test: Forking
Bogo Ops/s, More Is Better
11111
SE +/- 31.03, N = 3
10160
2K
4K
6K
8K
10K
Stress-NG 0.07.26
Test: Hsearch
Bogo Ops/s, More Is Better
11111
SE +/- 42.45, N = 3
7403
1600
3200
4800
6400
8000
Stress-NG 0.07.26
Test: Lsearch
Bogo Ops/s, More Is Better
11111
SE +/- 0.16, N = 3
23.69
6
12
18
24
30


Stress-NG 0.07.26
Test: Tsearch
Bogo Ops/s, More Is Better
11111
SE +/- 1.01, N = 12
34.52
8
16
24
32
40
Stress-NG 0.07.26
Test: CPU Stress
Bogo Ops/s, More Is Better
11111
SE +/- 3.43, N = 3
459
100
200
300
400
500
Stress-NG 0.07.26
Test: Semaphores
Bogo Ops/s, More Is Better
11111
SE +/- 12203.57, N = 3
2447070
500K
1000K
1500K
2000K
2500K
Stress-NG 0.07.26
Test: Matrix Math
Bogo Ops/s, More Is Better
11111
SE +/- 55.75, N = 3
11730
3K
6K
9K
12K
15K
Stress-NG 0.07.26
Test: Vector Math
Bogo Ops/s, More Is Better
11111
SE +/- 14.35, N = 3
2430
500
1000
1500
2000
2500
Stress-NG 0.07.26
Test: Memory Copying
Bogo Ops/s, More Is Better
11111
SE +/- 1.16, N = 3
355
80
160
240
320
400

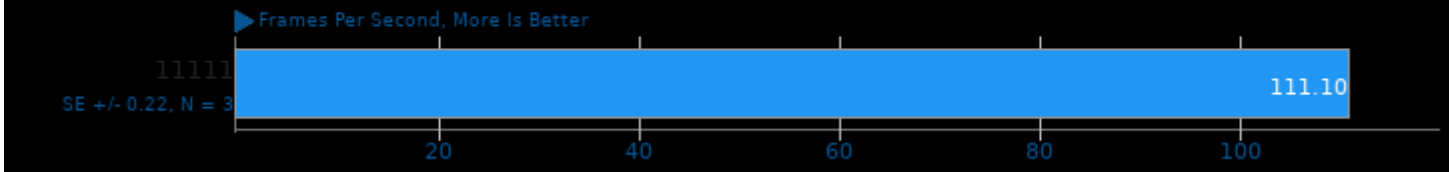

John The Ripper 1.8.0-jumbo-1
Test: Blowfish
Real C/S, More Is Better
11111
SE +/- 44.19, N = 3
3455
11112
SE +/- 99.59, N = 12
2557
700
1400
2100
2800
3500
John The Ripper 1.8.0-jumbo-1
Test: Traditional DES
Real C/S, More Is Better
11111
SE +/- 74514.73, N = 3
7675667
11112
SE +/- 96740.16, N = 12
3069583
1.6M
3.2M
4.8M
6.4M
8M
John The Ripper 1.8.0-jumbo-1
Test: MD5
Real C/S, More Is Better
11111
SE +/- 1372.24, N = 4
83124
11112
SE +/- 133.42, N = 3
35510
20K
40K
60K
80K
100K
FLAC Audio Encoding 1.3.2
WAV To FLAC
Seconds, Fewer Is Better
11111
SE +/- 0.38, N = 5
30.01
11113
SE +/- 0.21, N = 5
30.45
7
14
21
28
35


LAME MP3 Encoding 3.100
WAV To MP3
Seconds, Fewer Is Better
11111
SE +/- 0.27, N = 3
77.22
11113
SE +/- 0.12, N = 3
78.98
20
40
60
80
100
WavPack Audio Encoding 5.1
WAV To WavPack
Seconds, Fewer Is Better
11111
SE +/- 0.02, N = 5
14.00
11113
SE +/- 0.03, N = 5
14.72
4
8
12
16
20
TSCP 1.81
AI Chess Performance
Nodes Per Second, More Is Better
11111
SE +/- 790.01, N = 5
590081
130K
260K
390K
520K
650K
Parallel BZIP2 Compression 1.1.12
256MB File Compression
Seconds, Fewer Is Better
11111
SE +/- 2.60, N = 9
23.51
6
12
18
24
30
Himeno Benchmark 3.0
Poisson Pressure Solver
MFLOPS, More Is Better
11111
SE +/- 2.08, N = 3
478.81
100
200
300
400
500


QGears2
Rendering: OpenGL - Test: Text
Frames Per Second, More Is Better
11111
SE +/- 0.01, N = 3
18.18
4
8
12
16
20
QGears2
Rendering: OpenGL - Test: Gears
Frames Per Second, More Is Better
11111
SE +/- 2.43, N = 3
228.11
50
100
150
200
250
QGears2
Rendering: OpenGL - Test: Image Scaling
Frames Per Second, More Is Better
11111
SE +/- 0.60, N = 3
331.00
70
140
210
280
350
QGears2
Rendering: CPU-based Raster - Test: Text
Frames Per Second, More Is Better
11111
SE +/- 0.03, N = 3
16.24
4
8
12
16
20
QGears2
Rendering: CPU-based Raster - Test: Gears
Frames Per Second, More Is Better
11111
SE +/- 0.13, N = 3
105.27
20
40
60
80
100
QGears2
Rendering: XRender Extension - Test: Text
Frames Per Second, More Is Better
11111
SE +/- 0.05, N = 3
28.67
7
14
21
28
35

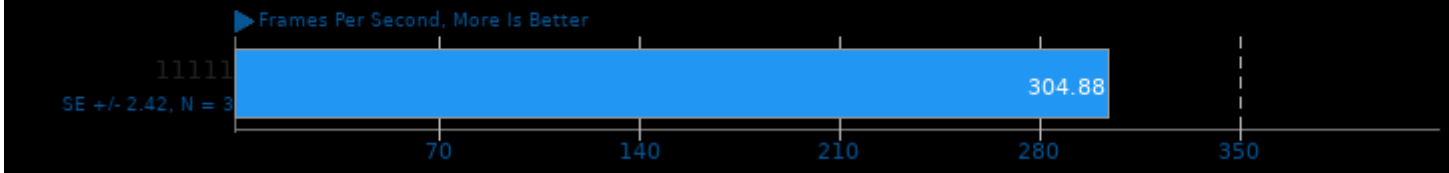
QGears2

Rendering: XRender Extension - Test: Gears



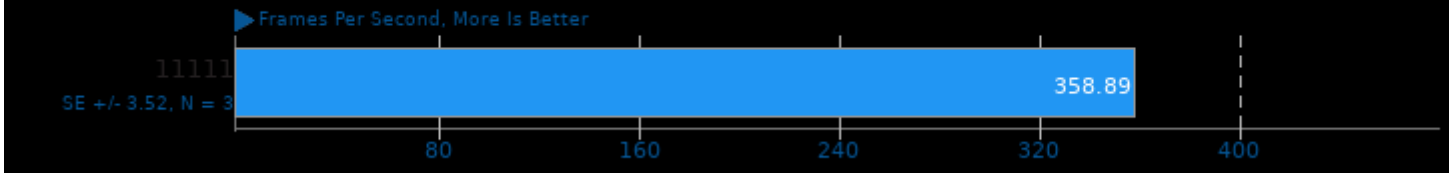
QGears2

Rendering: CPU-based Raster - Test: Image Scaling

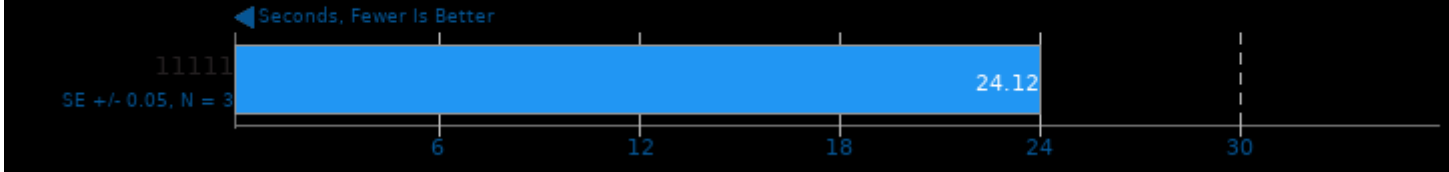


QGears2

Rendering: XRender Extension - Test: Image Scaling

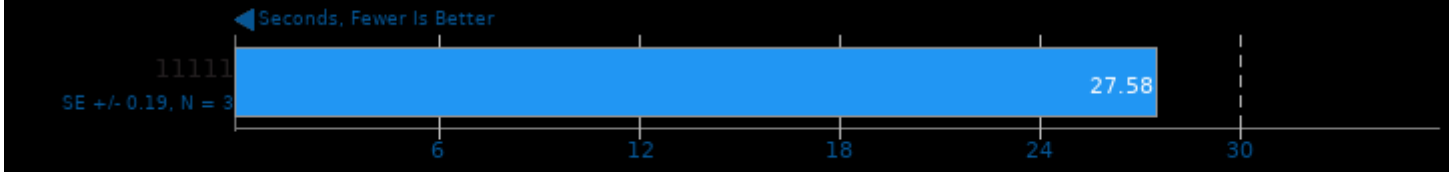


Render Bench



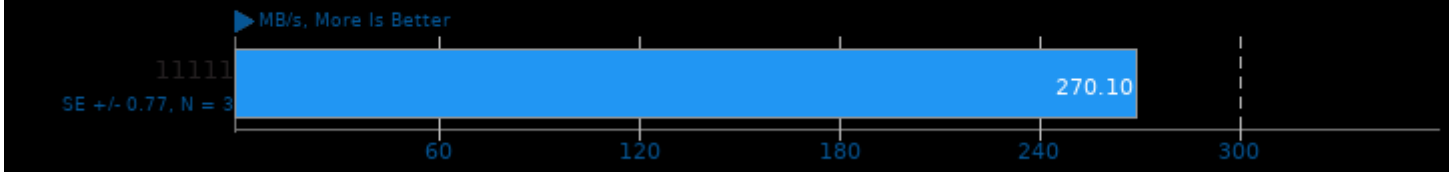
SQLite 3.22

Timed SQLite Insertions



Dbench 4.0

12 Clients



Dbench 4.0

Client Count: 1



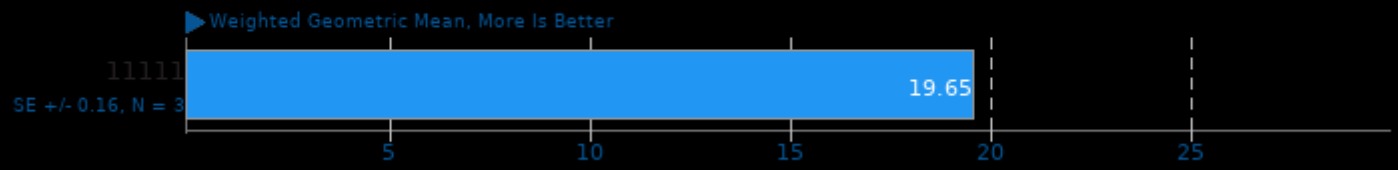
SPECViewPerf 10.1

Resolution: 1920 x 1080 - SPECViewPerf Test: sw-01



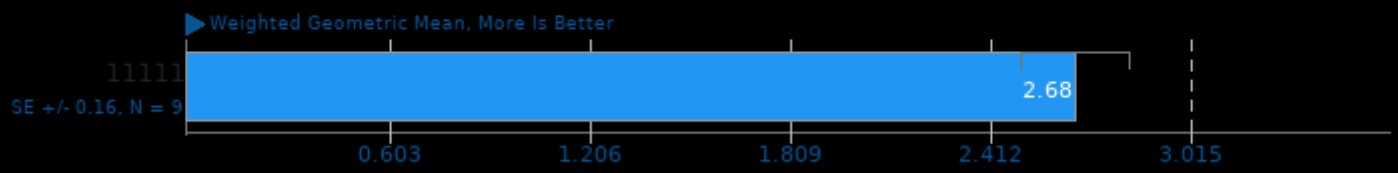
SPECViewPerf 10.1

Resolution: 1920 x 1080 - SPECViewPerf Test: maya-02



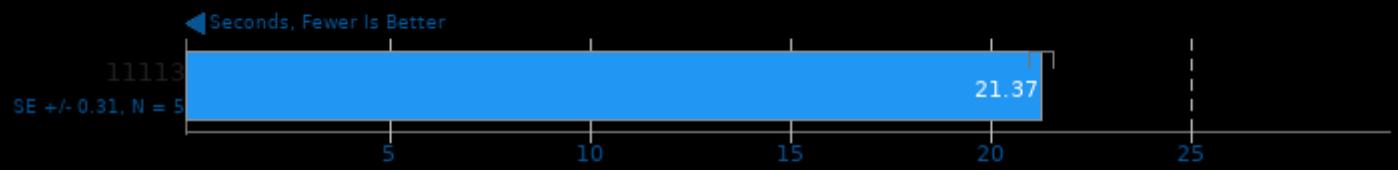
SPECViewPerf 10.1

Resolution: 1920 x 1080 - SPECViewPerf Test: tcvis-01

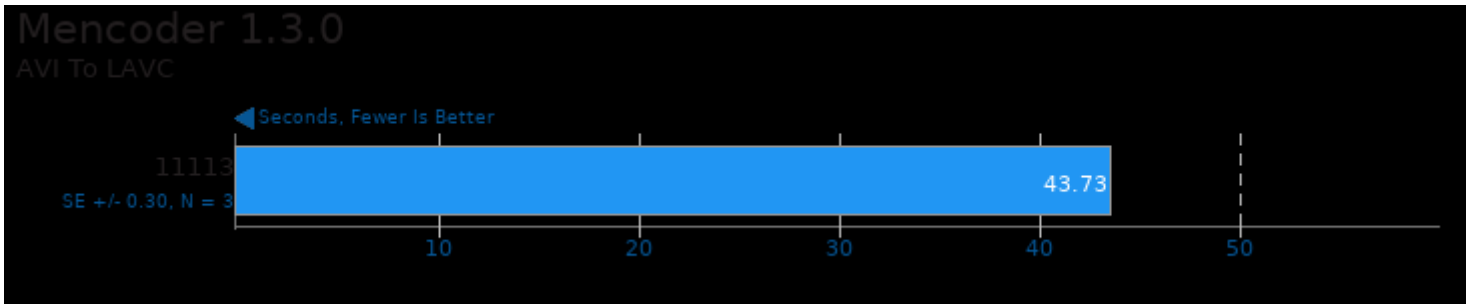


FFmpeg 4.0.2

H.264 HD To NTSC DV



1. (CC) gcc options: -lavdevice -lavfilter -lavformat -lavcodec -lswresample -lswscale -lavutil -lm -lxcb -lxcb-shm -lxcb-shape -lxcb-xfixes -lxcb-render -lasc



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 07:08.