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Framework Laptop Linux Distros

Intel Core i7-1165G7 testing with a Framework FRANBMCP06 (03.03 BIOS) and Intel Xe TGL GT2 3GB on Ubuntu 21.10 via the Phoronix Test Suite.

Test Systems:

Ubuntu 21.10

Processor: Intel Core i7-1165G7 @ 4.70GHz (4 Cores / 8 Threads), Motherboard: Framework FRANBMCP06 (03.03 BIOS), Chipset: Intel Tiger Lake-LP, Memory: 32GB, Disk: 1000GB Western Digital WDS100T1X0E-00AFY0, Graphics: Intel Xe TGL GT2 3GB (1300MHz), Audio: Realtek ALC295, Network: Intel Wi-Fi 6 AX210/AX211/AX411

OS: Ubuntu 21.10, Kernel: 5.13.0-20-generic (x86_64), Desktop: GNOME Shell 40.5, Display Server: X Server + Wayland, OpenGL: 4.6 Mesa 21.2.2, Vulkan: 1.2.182, Compiler: GCC 11.2.0, File-System: ext4, Screen Resolution: 2256x1504

Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-cet --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2 --enable-libphobos-checking=release

```
--enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-serialization=2 --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto
--enable-offload-targets=nvptx-none=/build/gcc-11-ZPT0kp/gcc-11-11.2.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-11-ZPT0kp/gcc-11-11.2.0/debian/tmp-gcn/usr
--enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64
--with-arch-32=i686 --with-build-config=bootstrap-lto-lean --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32
--with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v
```

Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0x88 - Thermald 2.4.6

Python Notes: Python 3.9.7

Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IBBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

Ubuntu 21.10

Blender - BMW27 - CPU-Only (sec)	451.42
Standard Deviation	0.1%
RawTherapee - T.B.T (sec)	100.424
Standard Deviation	2.4%
Timed Godot Game Engine Compilation - Time To Compile (sec)	302.027
Standard Deviation	0.1%
Chaos Group V-RAY - CPU (vsamples)	3700
Standard Deviation	2.4%
Selenium - Jetstream 2 - Firefox (Score)	98.563
Standard Deviation	1%
SVT-AV1 - Preset 4 - Bosphorus 4K (FPS)	0.671
Standard Deviation	0.1%
Node.js V8 Web Tooling Benchmark (runs/s)	12.32
Standard Deviation	2.4%
Selenium - ARES-6 - Firefox (ms)	35.84
Standard Deviation	0.5%
Selenium - Jetstream 2 - Google Chrome (Score)	160.832
Standard Deviation	0.4%
Timed GDB GNU Debugger Compilation - Time To Compile (sec)	127.072
Standard Deviation	0.2%
PyBench - T.F.A.T.T (Milliseconds)	907
Standard Deviation	21.6%
Zstd Compression - 19, Long Mode - D.S (MB/s)	3494
Standard Deviation	1.1%
Zstd Compression - 19, Long Mode - Compression Speed (MB/s)	14.5
Standard Deviation	2.5%
Timed Mesa Compilation - Time To Compile (sec)	117.204
Standard Deviation	0.2%
GLmark2 - 2256 x 1504 (Score)	651
Xonotic - 2256 x 1504 - Ultimate (FPS)	104.4392534
Standard Deviation	0.1%
NCNN - CPU - resnet18 (ms)	18.06
Standard Deviation	0.2%
NCNN - CPU - mnasnet (ms)	5.66
Standard Deviation	0.4%
NCNN - CPU - regnet_y_400m (ms)	11.86
Standard Deviation	0.4%
NCNN - CPU - squeezenet_ssd (ms)	31.14
Standard Deviation	0%
NCNN - CPU - yolov4-tiny (ms)	33.22

Standard Deviation	0.4%
NCNN - CPU - resnet50 (ms)	35.26
Standard Deviation	0%
NCNN - CPU - alexnet (ms)	15.87
Standard Deviation	0.2%
NCNN - CPU - vgg16 (ms)	65.76
Standard Deviation	0.3%
NCNN - CPU - googlenet (ms)	18.10
Standard Deviation	0.2%
NCNN - CPU - blazeface (ms)	2.16
Standard Deviation	0.5%
NCNN - CPU - efficientnet-b0 (ms)	8.82
Standard Deviation	2.8%
NCNN - CPU - shufflenet-v2 (ms)	5.42
Standard Deviation	17.6%
NCNN - CPU-v3-v3 - mobilenet-v3 (ms)	4.91
Standard Deviation	13.5%
NCNN - CPU-v2-v2 - mobilenet-v2 (ms)	5.74
Standard Deviation	12.6%
NCNN - CPU - mobilenet (ms)	23.75
Standard Deviation	0.4%
PyPerformance - python_startup (Milliseconds)	6.55
Standard Deviation	0.5%
x265 - Bosphorus 4K (FPS)	5.95
Standard Deviation	0.5%
OpenSSL (verify/s)	55007
Standard Deviation	4.6%
OpenSSL (sign/s)	945.7
Standard Deviation	5.5%
Timed MPlayer Compilation - Time To Compile (sec)	93.853
Standard Deviation	0.5%
Selenium - StyleBench - Google Chrome (Runs / Minute)	44.7
Standard Deviation	1.8%
Xonotic - 2256 x 1504 - Ultra (FPS)	136.3893370
Standard Deviation	0.5%
SVT-AV1 - Preset 8 - Bosphorus 4K (FPS)	7.398
Standard Deviation	0.2%
Selenium - StyleBench - Firefox (Runs / Minute)	110
Standard Deviation	2.4%
ParaView - Many Spheres - 2256 x 1504 (MiPolys / Sec)	935.804
Standard Deviation	0.6%
ParaView - Many Spheres - 2256 x 1504 (Frames / Sec)	9.3
Standard Deviation	0.6%
Zstd Compression - 19 - D.S (MB/s)	3451
Standard Deviation	1.4%
Zstd Compression - 19 - Compression Speed (MB/s)	17.7
Standard Deviation	0%
Xonotic - 2256 x 1504 - High (FPS)	166.4914017
Standard Deviation	0.2%
IndigoBench - CPU - Bedroom (M samples/s)	0.618
Standard Deviation	0.7%
IndigoBench - CPU - Supercar (M samples/s)	1.425
Standard Deviation	0.1%

DDraceNetwork - 2256 x 1504 - Fullscreen - OpenGL 3.3 - Default - 152.51

RaiNyMore2 (FPS)

Standard Deviation 0.3%

DDraceNetwork - 2256 x 1504 - Fullscreen - OpenGL 3.0 - Default - 263.77

Multeasymap (FPS)

Standard Deviation 1.4%

DDraceNetwork - 2256 x 1504 - Fullscreen - OpenGL 3.3 - Default - 269.88

Multeasymap (FPS)

Standard Deviation 0.3%

DDraceNetwork - 2256 x 1504 - Fullscreen - OpenGL 3.0 - Default - 155.85

RaiNyMore2 (FPS)

Standard Deviation 1.3%

Selenium - Speedometer - Firefox (Runs/min) 157

Standard Deviation 1.6%

Unvanquished - 2256 x 1504 - Ultra (FPS) 126.4

Standard Deviation 0.6%

Selenium - PSPDFKit WASM - Google Chrome (Score) 3112

Standard Deviation 2.4%

GnuPG - L.4.3.P.F.E (sec) 10.871

Standard Deviation 4.7%

SQLite Speedtest - Timed Time - Size 1,000 (sec) 54.119

Standard Deviation 2.3%

Selenium - Speedometer - Google Chrome (Runs/min) 201

Standard Deviation 0.9%

GEGL - Color Enhance (sec) 48.072

Standard Deviation 1.4%

Darktable - Masskrug - CPU-only (sec) 8.539

Standard Deviation 2.8%

Selenium - ARES-6 - Google Chrome (ms) 16.03

Standard Deviation 0.8%

Unvanquished - 2256 x 1504 - High (FPS) 183.0

Standard Deviation 0.3%

GEGL - Rotate 90 Degrees (sec) 40.764

Standard Deviation 0.7%

Xonotic - 2256 x 1504 - Low (FPS) 313.2272377

Standard Deviation 1.4%

Unvanquished - 2256 x 1504 - Medium (FPS) 205.3

Standard Deviation 0.5%

Selenium - W.i - Firefox (ms) 28.4

Standard Deviation 3.2%

Zstd Compression - 3, Long Mode - D.S (MB/s) 4177

Standard Deviation 0.5%

Zstd Compression - 3, Long Mode - Compression Speed (MB/s) 387.5

Standard Deviation 1.9%

Zstd Compression - 8, Long Mode - D.S (MB/s) 4250

Standard Deviation 0.8%

Zstd Compression - 8, Long Mode - Compression Speed (MB/s) 310.7

Standard Deviation 0.4%

Zstd Compression - 8 - D.S (MB/s) 3988

Standard Deviation 1.8%

Zstd Compression - 8 - Compression Speed (MB/s) 349.5

Standard Deviation 1.5%

PyPerformance - json.loads (Milliseconds)	19.0	Standard Deviation	0.9%
Zstd Compression - 3 - Compression Speed (MB/s)	2275	Standard Deviation	0.6%
Selenium - PSPDFKit WASM - Firefox (Score)	3069	Standard Deviation	0.1%
Tesseract - 2256 x 1504 (FPS)	112.3777	Standard Deviation	0.5%
PyPerformance - crypto_pyaes (Milliseconds)	83.9	Standard Deviation	2%
PyPerformance - pathlib (Milliseconds)	13.9	Standard Deviation	0.7%
PyPerformance - regex_compile (Milliseconds)	137	Standard Deviation	2.2%
SVT-HEVC - 10 - Bosphorus 1080p (FPS)	105.28	Standard Deviation	3.6%
GEGL - Reflect (sec)	25.501	Standard Deviation	0.4%
Selenium - Kraken - Firefox (ms)	887.4	Standard Deviation	0.6%
Selenium - Kraken - Google Chrome (ms)	601.2	Standard Deviation	0.3%
librsvg - SVG Files To PNG (sec)	20.009	Standard Deviation	0.5%
ParaView - Wavelet Contour - 2256 x 1504 (MiPolys / Sec)	597.230	Standard Deviation	1.5%
ParaView - Wavelet Contour - 2256 x 1504 (Frames / Sec)	57.31	Standard Deviation	1.5%
Selenium - W.c - Firefox (ms)	341.6	Standard Deviation	1%
ParaView - Wavelet Volume - 2256 x 1504 (MiVoxels / Sec)	1126	Standard Deviation	1.4%
ParaView - Wavelet Volume - 2256 x 1504 (Frames / Sec)	70.38	Standard Deviation	1.4%
SVT-HEVC - 7 - Bosphorus 1080p (FPS)	45.98	Standard Deviation	0.6%
Selenium - W.c - Google Chrome (ms)	274.89	Standard Deviation	0.1%
Node.js Express HTTP Load Test (Req/sec)	8382	Standard Deviation	2.5%
Darktable - Boat - CPU-only (sec)	10.948	Standard Deviation	2.1%
GNU Octave Benchmark (sec)	5.999	Standard Deviation	0.9%
GEGL - Crop (sec)	8.129	Standard Deviation	2.3%
Selenium - W.i - Google Chrome (ms)	27.53	Standard Deviation	1.5%
Darktable - Server Room - CPU-only (sec)	5.525	Standard Deviation	1.4%
SVT-VP9 - VMAF Optimized - Bosphorus 1080p (FPS)	96.48	Standard Deviation	2.3%
SVT-VP9 - P.S.O - Bosphorus 1080p (FPS)	96.87		

Standard Deviation 2.1%
GEGL - Scale (sec) 6.355
Standard Deviation 0.8%
Darktable - Server Rack - CPU-only (sec) 0.542
Standard Deviation 8.2%
yquake2 - OpenGL 1.x - 1920 x 1080 (FPS) 314.9
Standard Deviation 0.4%
yquake2 - OpenGL 3.x - 1920 x 1080 (FPS) 385.4
Standard Deviation 0.8%
yquake2 - Vulkan - 1920 x 1080 (FPS) 906.4
Standard Deviation 0.7%

Blender 2.92

Blend File: BMW27 - Compute: CPU-Only



RawTherapee

Total Benchmark Time



1. RawTherapee, version 5.8, command line.

Timed Godot Game Engine Compilation 3.2.3

Time To Compile



Chaos Group V-RAY 5

Mode: CPU



Selenium

Benchmark: Jetstream 2 - Browser: Firefox



1. firefox 93.0

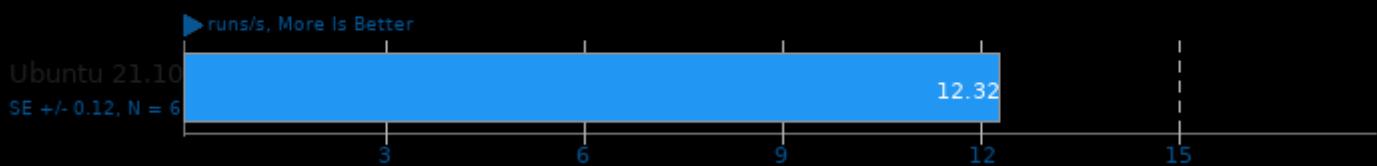
SVT-AV1 0.8.7

Encoder Mode: Preset 4 - Input: Bosphorus 4K



1. (CXX) g++ options: -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq -pie

Node.js V8 Web Tooling Benchmark



Selenium

Benchmark: ARES-6 - Browser: Firefox



1. firefox 93.0

Selenium

Benchmark: Jetstream 2 - Browser: Google Chrome



1. chrome 95.0.4638.54

Timed GDB GNU Debugger Compilation 10.2

Time To Compile



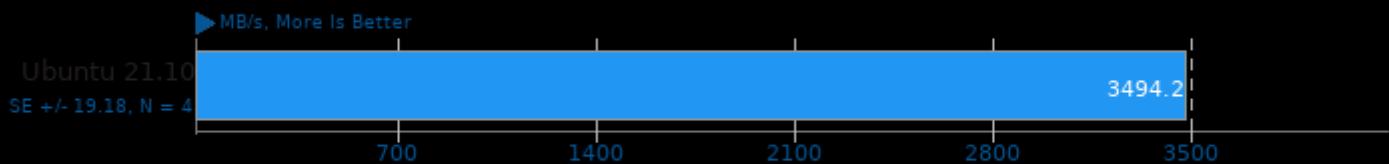
PyBench 2018-02-16

Total For Average Test Times



Zstd Compression

Compression Level: 19, Long Mode - Decompression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

Zstd Compression

Compression Level: 19, Long Mode - Compression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

Timed Mesa Compilation 21.0

Time To Compile



GLmark2 2021.08.30

Resolution: 2256 x 1504



Xonotic 0.8.2

Resolution: 2256 x 1504 - Effects Quality: Ultimate



NCNN 20210720

Target: CPU - Model: resnet18



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: mnasnet



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: regnety_400m



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: squeezenet_ssdl



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: yolov4-tiny



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: resnet50



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: alexnet



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: vgg16



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

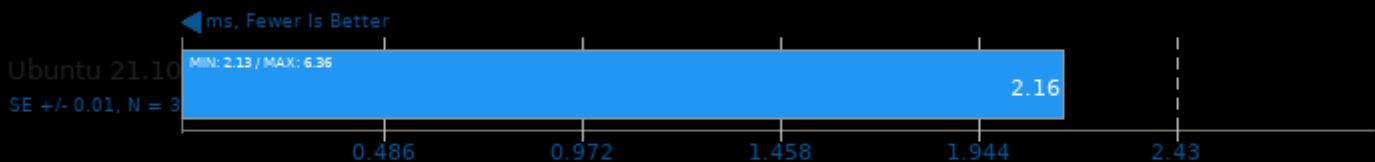
Target: CPU - Model: googlenet



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: blazeface



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: efficientnet-b0



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU - Model: shufflenet-v2



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU-v3-v3 - Model: mobilenet-v3



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

Target: CPU-v2-v2 - Model: mobilenet-v2



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

NCNN 20210720

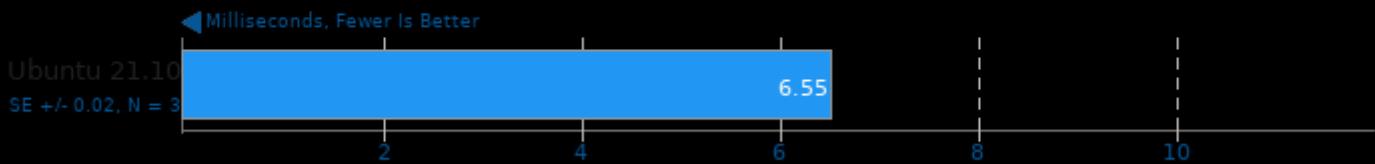
Target: CPU - Model: mobilenet



1. (CXX) g++ options: -O3 -rdynamic -lgomp -lpthread

PyPerformance 1.0.0

Benchmark: python_startup



x265 3.4

Video Input: Bosphorus 4K



1. (CXX) g++ options: -O3 -rdynamic -lpthread -lnt -ldl

OpenSSL



1. OpenSSL 1.1.1l 24 Aug 2021

OpenSSL



1. OpenSSL 1.1.1l 24 Aug 2021

Timed MPlayer Compilation 1.4

Time To Compile



Selenium

Benchmark: StyleBench - Browser: Google Chrome



1. chrome 95.0.4638.54

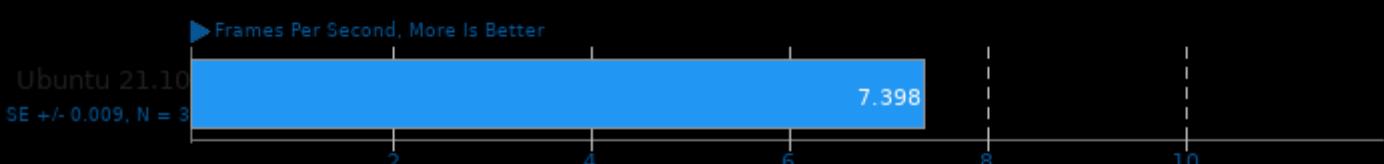
Xonotic 0.8.2

Resolution: 2256 x 1504 - Effects Quality: Ultra



SVT-AV1 0.8.7

Encoder Mode: Preset 8 - Input: Bosphorus 4K



1. (CXX) g++ options: -mno-avx -mavx2 -mavx512f -mavx512bw -mavx512dq -pie

Selenium

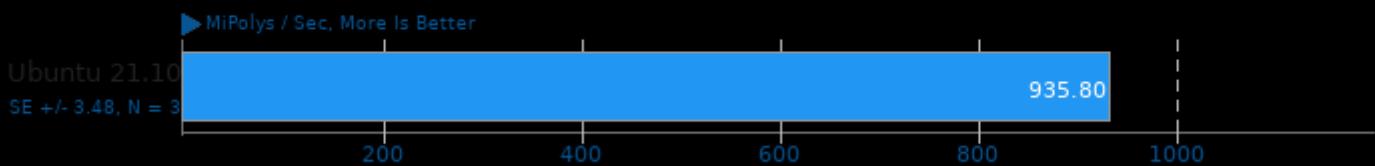
Benchmark: StyleBench - Browser: Firefox



1. firefox 93.0

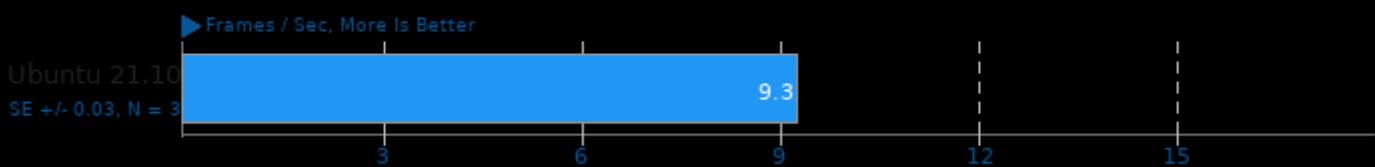
ParaView 5.9

Test: Many Spheres - Resolution: 2256 x 1504



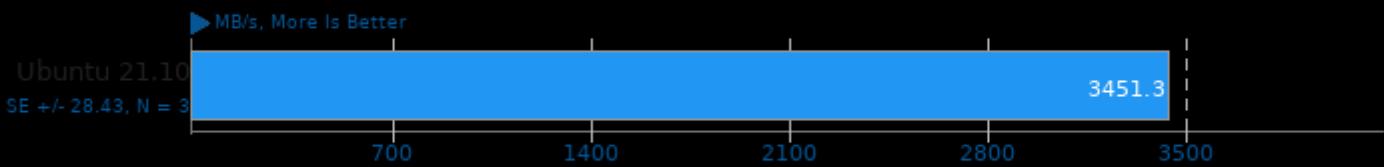
ParaView 5.9

Test: Many Spheres - Resolution: 2256 x 1504



Zstd Compression

Compression Level: 19 - Decompression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

Zstd Compression

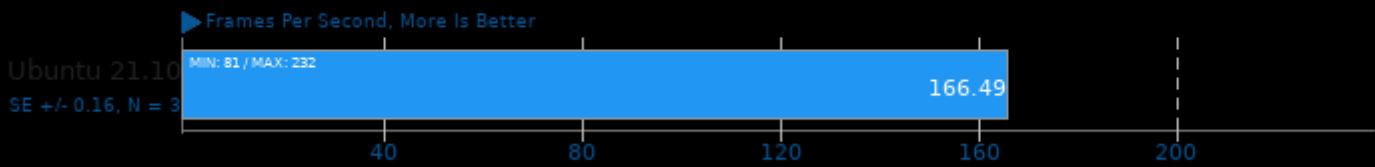
Compression Level: 19 - Compression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

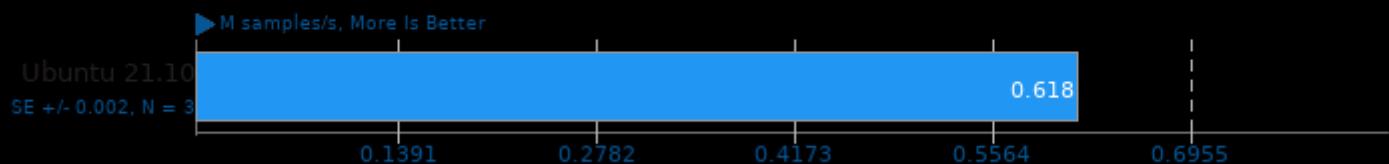
Xonotic 0.8.2

Resolution: 2256 x 1504 - Effects Quality: High



IndigoBench 4.4

Acceleration: CPU - Scene: Bedroom



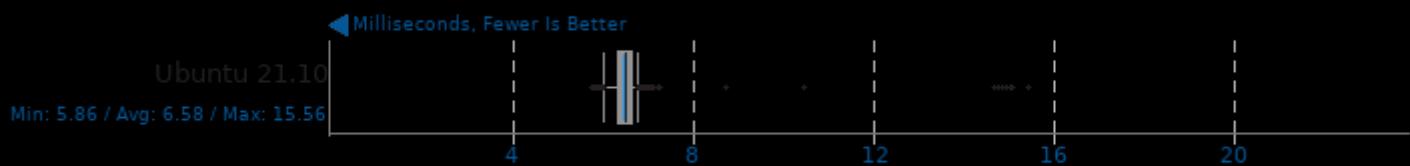
IndigoBench 4.4

Acceleration: CPU - Scene: Supercar



DDrakeNetwork 15.3.1

Resolution: 2256 x 1504 - Mode: Fullscreen - Renderer: OpenGL 3.3 - Zoom: Default - Demo: RaiNyMore2 - Total Frame Time



1. (CXX) g++ options: -O3 -lrt -lnotify -lgdk_pixbuf-2.0 -lgio-2.0 -lgobject-2.0 -glib-2.0

DDrakeNetwork 15.3.1

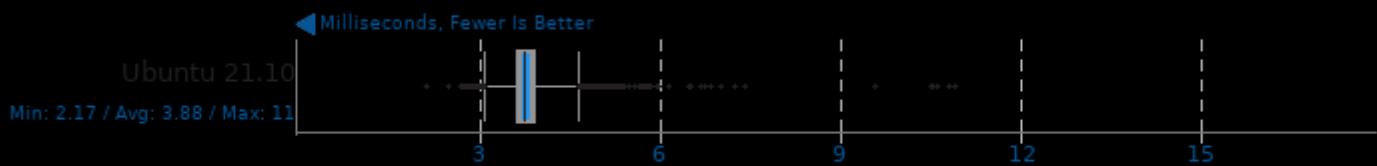
Resolution: 2256 x 1504 - Mode: Fullscreen - Renderer: OpenGL 3.3 - Zoom: Default - Demo: RaiNyMore2



1. (CXX) g++ options: -O3 -lrt -lnotify -lgdk_pixbuf-2.0 -lgio-2.0 -lgobject-2.0 -glib-2.0

DDrakeNetwork 15.3.1

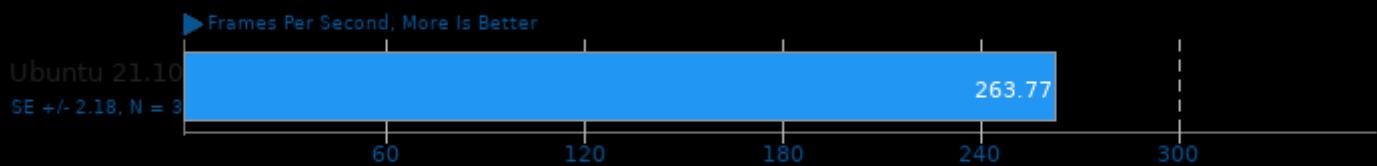
Resolution: 2256 x 1504 - Mode: Fullscreen - Renderer: OpenGL 3.0 - Zoom: Default - Demo: Multeasymap - Total Frame Time



1. (CXX) g++ options: -O3 -lrt -lnotify -lgdk_pixbuf-2.0 -lgio-2.0 -lgobject-2.0 -glib-2.0

DDrakeNetwork 15.3.1

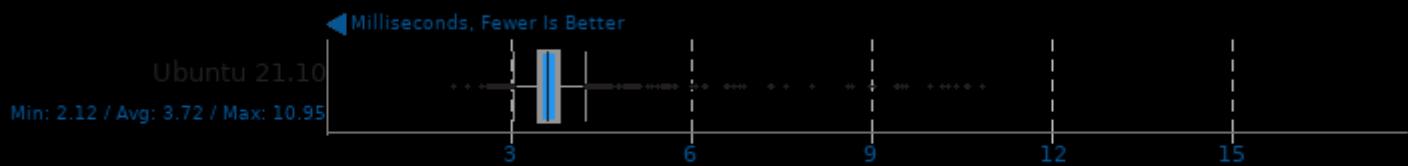
Resolution: 2256 x 1504 - Mode: Fullscreen - Renderer: OpenGL 3.0 - Zoom: Default - Demo: Multeasymap



1. (CXX) g++ options: -O3 -lrt -lnotify -lgdk_pixbuf-2.0 -gio-2.0 -gobject-2.0 -glib-2.0

DDrakeNetwork 15.3.1

Resolution: 2256 x 1504 - Mode: Fullscreen - Renderer: OpenGL 3.3 - Zoom: Default - Demo: Multeasymap - Total Frame Time



1. (CXX) g++ options: -O3 -lrt -lnotify -lgdk_pixbuf-2.0 -gio-2.0 -gobject-2.0 -glib-2.0

DDrakeNetwork 15.3.1

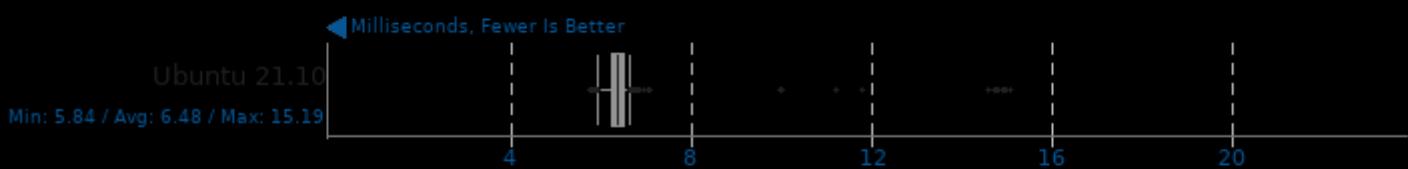
Resolution: 2256 x 1504 - Mode: Fullscreen - Renderer: OpenGL 3.3 - Zoom: Default - Demo: Multeasymap



1. (CXX) g++ options: -O3 -lrt -lnotify -lgdk_pixbuf-2.0 -gio-2.0 -gobject-2.0 -glib-2.0

DDrakeNetwork 15.3.1

Resolution: 2256 x 1504 - Mode: Fullscreen - Renderer: OpenGL 3.0 - Zoom: Default - Demo: RaiNyMore2 - Total Frame Time



1. (CXX) g++ options: -O3 -lrt -lnotify -lgdk_pixbuf-2.0 -gio-2.0 -gobject-2.0 -glib-2.0

DDrakeNetwork 15.3.1

Resolution: 2256 x 1504 - Mode: Fullscreen - Renderer: OpenGL 3.0 - Zoom: Default - Demo: RaiNyMore2



1. (CXX) g++ options: -O3 -lrt -lnotify -lgdk_pixbuf-2.0 -gio-2.0 -gobject-2.0 -glib-2.0

Selenium

Benchmark: Speedometer - Browser: Firefox



1. firefox 93.0

Unvanquished 0.52.1

Resolution: 2256 x 1504 - Effects Quality: Ultra



Selenium

Benchmark: PSPDFKit WASM - Browser: Google Chrome



1. chrome 95.0.4638.54

GnuPG

Linux 4.3 Package File Encryption



SQLite Speedtest 3.30

Timed Time - Size 1,000



1. (CC) gcc options: -O2 -fz

Selenium

Benchmark: Speedometer - Browser: Google Chrome



1. chrome 95.0.4638.54

GEGL

Operation: Color Enhance



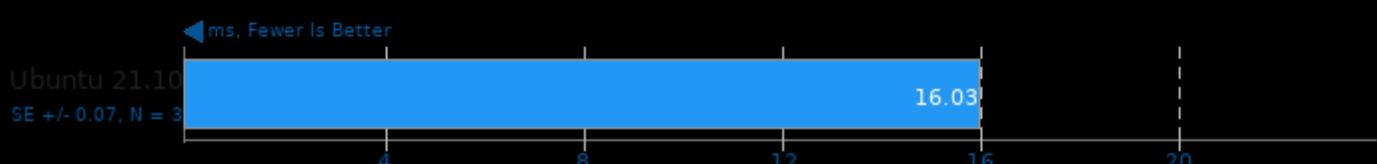
Darktable 3.6.0

Test: Masskrug - Acceleration: CPU-only



Selenium

Benchmark: ARES-6 - Browser: Google Chrome



1. chrome 95.0.4638.54

Unvanquished 0.52.1

Resolution: 2256 x 1504 - Effects Quality: High



GEGL

Operation: Rotate 90 Degrees



Xonotic 0.8.2

Resolution: 2256 x 1504 - Effects Quality: Low



Unvanquished 0.52.1

Resolution: 2256 x 1504 - Effects Quality: Medium



Selenium

Benchmark: WASM imageConvolute - Browser: Firefox



1. firefox 93.0

Zstd Compression

Compression Level: 3, Long Mode - Decompression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

Zstd Compression

Compression Level: 3, Long Mode - Compression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

Zstd Compression

Compression Level: 8, Long Mode - Decompression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

Zstd Compression

Compression Level: 8, Long Mode - Compression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

Zstd Compression

Compression Level: 8 - Decompression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

Zstd Compression

Compression Level: 8 - Compression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

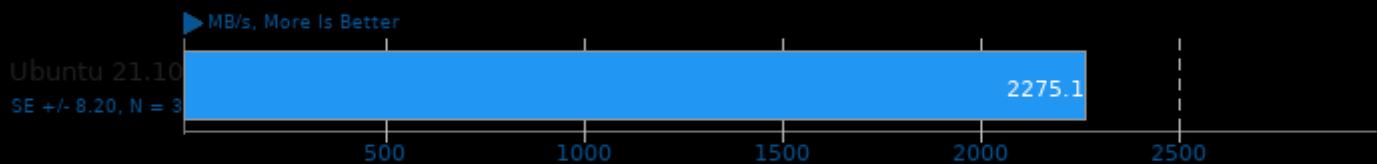
PyPerformance 1.0.0

Benchmark: json.loads



Zstd Compression

Compression Level: 3 - Compression Speed



1. *** zstd command line interface 64-bits v1.4.8, by Yann Collet ***

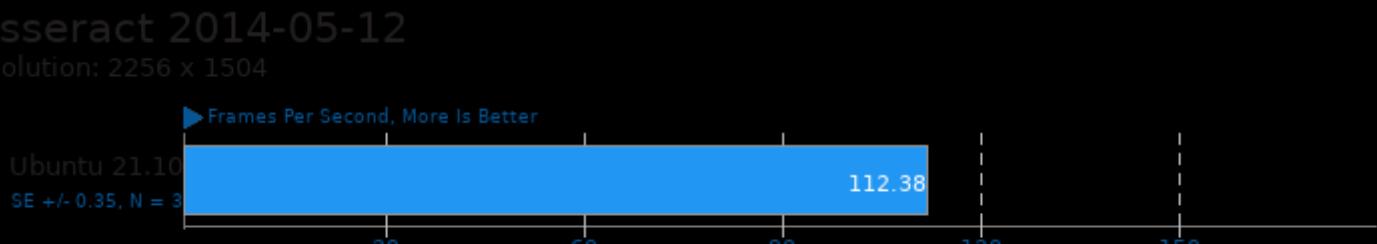
Selenium

Benchmark: PSPDFKit WASM - Browser: Firefox



Tesseract 2014-05-12

Resolution: 2256 x 1504



PyPerformance 1.0.0

Benchmark: crypto_pyaes



PyPerformance 1.0.0

Benchmark: pathlib



PyPerformance 1.0.0

Benchmark: regex_compile



SVT-HEVC 1.5.0

Tuning: 10 - Input: Bosphorus 1080p



1. (CC) gcc options: -fPIE -fPIC -O3 -O2 -pie -rdynamic -lpthread -lrt

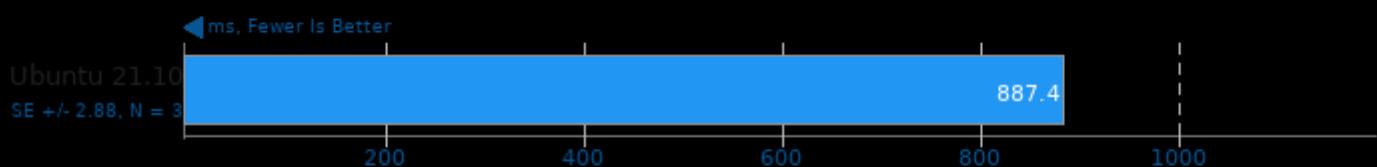
GEGL

Operation: Reflect



Selenium

Benchmark: Kraken - Browser: Firefox



1. firefox 93.0

Selenium

Benchmark: Kraken - Browser: Google Chrome



1. chrome 95.0.4638.54

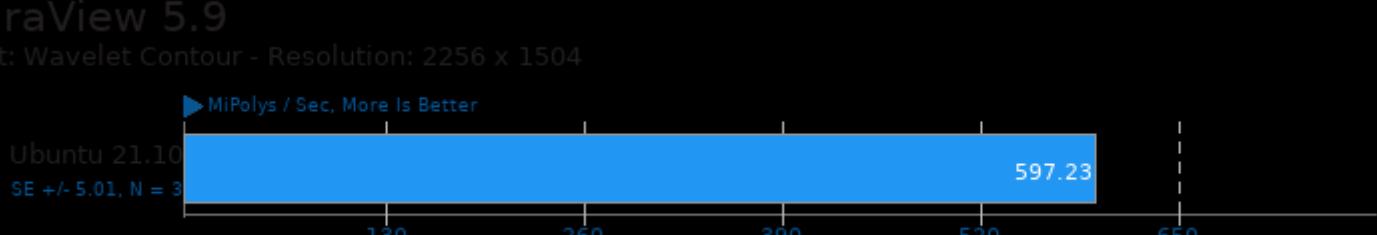
librsvg

Operation: SVG Files To PNG



ParaView 5.9

Test: Wavelet Contour - Resolution: 2256 x 1504



ParaView 5.9

Test: Wavelet Contour - Resolution: 2256 x 1504



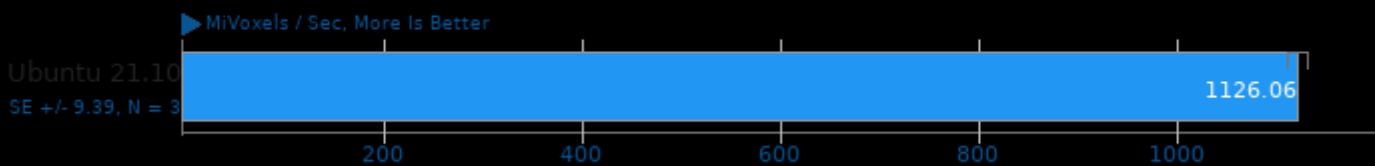
Selenium

Benchmark: WASM collisionDetection - Browser: Firefox



ParaView 5.9

Test: Wavelet Volume - Resolution: 2256 x 1504



ParaView 5.9

Test: Wavelet Volume - Resolution: 2256 x 1504



SVT-HEVC 1.5.0

Tuning: 7 - Input: Bosphorus 1080p



1. (CC) gcc options: -fPIE -fPIC -O3 -O2 -pie -rdynamic -lpthread -lrt

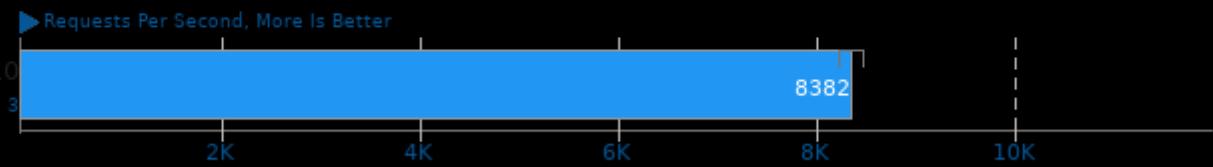
Selenium

Benchmark: WASM collisionDetection - Browser: Google Chrome



1. chrome 95.0.4638.54

Node.js Express HTTP Load Test

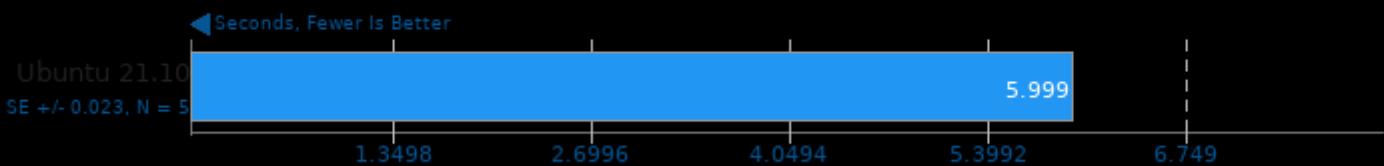


Darktable 3.6.0

Test: Boat - Acceleration: CPU-only

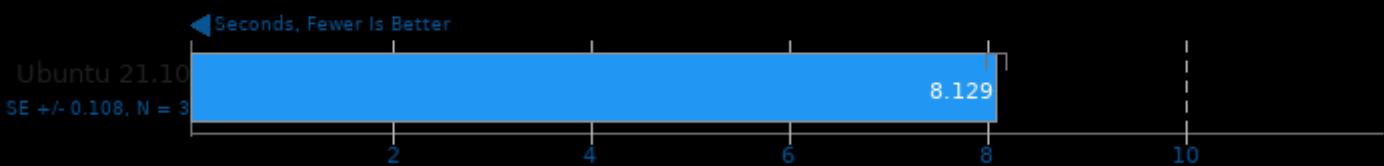


GNU Octave Benchmark 6.2.0



GEGL

Operation: Crop



Selenium

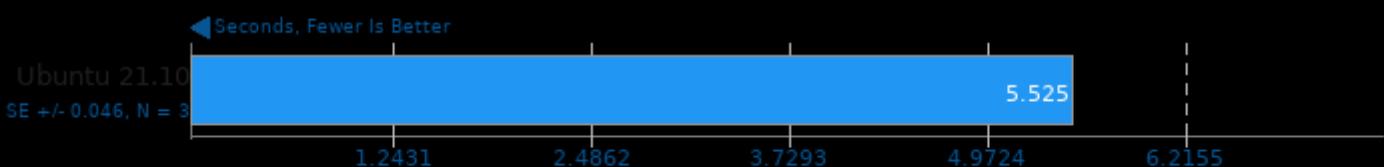
Benchmark: WASM imageConvolute - Browser: Google Chrome



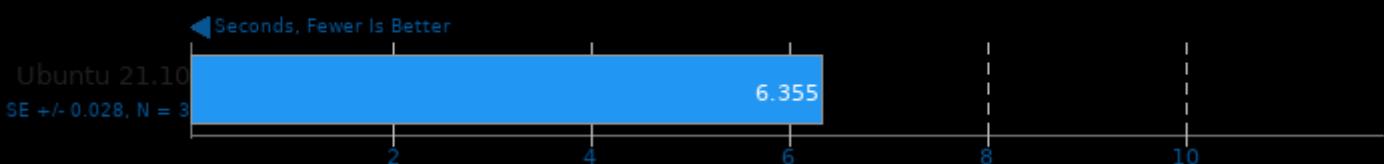
1. chrome 95.0.4638.54

Darktable 3.6.0

Test: Server Room - Acceleration: CPU-only



SVT-VP9 0.3



1. (CC) acc options: -fno-math-errno -fdynamic -shared -fSDI2 -fO2 -fno-omit-frame-pointer -fno-strict-aliasing -fwrapv -fvisibility=hidden -fMUD -fno-finite-math-only

yquake2 8.0

Renderer: OpenGL 3.x - Resolution: 1920 x 1080



1. (CC) gcc options: -lm -ldl -rdynamic -shared -ISDL2 -O2 -pipe -fomit-frame-pointer -std=gnu99 -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfpmath=sse

yquake2 8.0

Renderer: Vulkan - Resolution: 1920 x 1080



1. (CC) gcc options: -lm -ldl -rdynamic -shared -ISDL2 -O2 -pipe -fomit-frame-pointer -std=gnu99 -fno-strict-aliasing -fwrapv -fvisibility=hidden -MMD -mfpmath=sse

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:34.