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Stress_0200 - 2021-03-03

A Phoromatic run.

Test Systems:

2021-03-03

Processor: Intel Xeon E5-2680 v2 (1 Core), Motherboard: Red Hat KVM (1.11.0-2.el7 BIOS), Chipset: Intel 440FX 82441FX PMC, Memory: 1 x 4096 MB RAM, Disk: 34GB, Graphics: Cirrus Logic GD 5446, Network: Red Hat Virtio device

OS: Ubuntu 18.04, Kernel: 4.15.0-20-generic (x86_64), Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 800x600, System Layer: KVM

Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --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-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Disk Notes: NONE / data=ordered,errors=remount-ro,relatime,rw / Block Size: 4096

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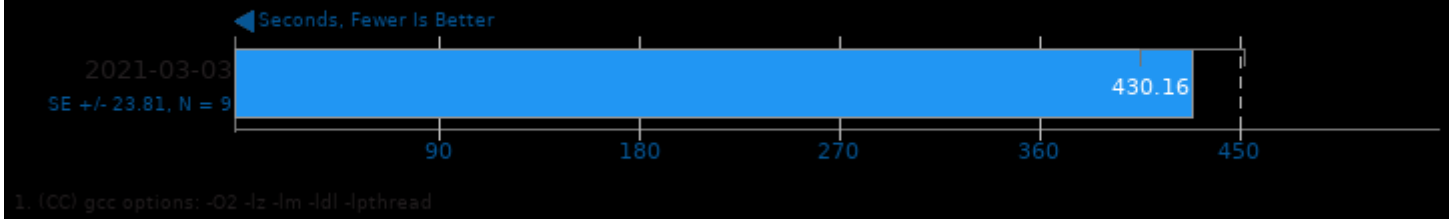
Processor Notes: CPU Microcode: 0x1
Security Notes: meltdown: Mitigation of PTI + spectre_v1: Mitigation of __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline IBPB IBRS_FW

	2021-03-03
SQLite - 8 (sec)	430.161
Standard Deviation	16.6%
Go Benchmarks - json (ns/op)	83067692
Standard Deviation	1.1%
John The Ripper - MD5 (Real C/S)	40169
Standard Deviation	0.2%
Gcrypt Library (sec)	358.375
Standard Deviation	0.9%
Perl Benchmarks - Interpreter (sec)	0.00148227
Standard Deviation	0.5%
OpenSSL - R.4.b.P (Signs/sec)	115.5
Standard Deviation	1.1%
glibc bench - ffsll (nanoseconds)	3.62475
Standard Deviation	0.2%
PostgreSQL pgbench - 100 - 50 - Read Write (TPS)	1126
Standard Deviation	1.6%
PostgreSQL pgbench - 100 - 50 - Read Write - Average Latency	44.422
Standard Deviation	1.6%
Redis - SET (Reqs/sec)	494774
Standard Deviation	2.3%
NGINX Benchmark - S.W.P.S (Reqs/sec)	5538
Standard Deviation	0.9%
Apache Benchmark - S.W.P.S (Reqs/sec)	2953
Standard Deviation	1.1%
PHPBench - P.B.S (Score)	327772
Standard Deviation	0.9%

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SQLite 3.30.1

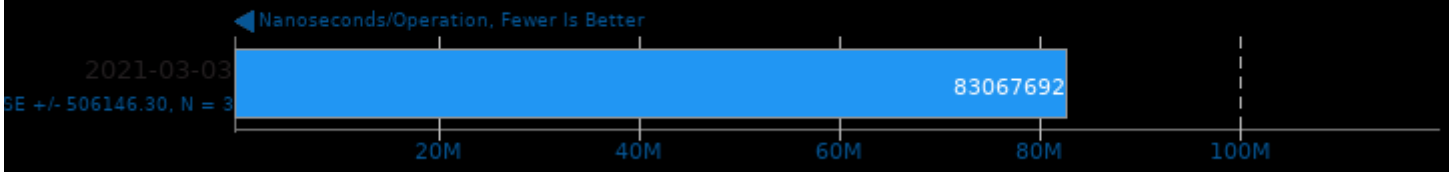
Threads / Copies: 8



1. (CC) gcc options: -O2 -lz -lm -ldl -lpthread

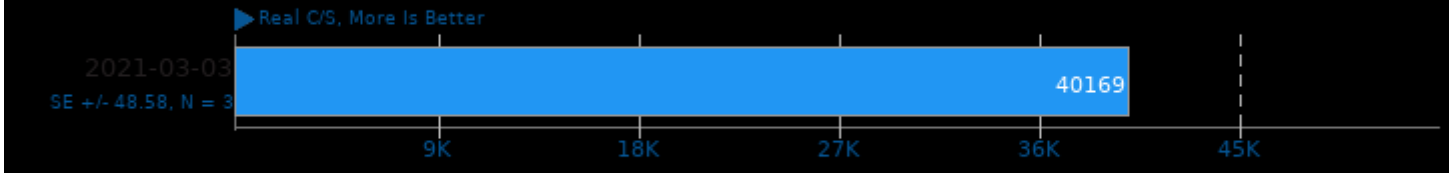
Go Benchmarks

Test: json



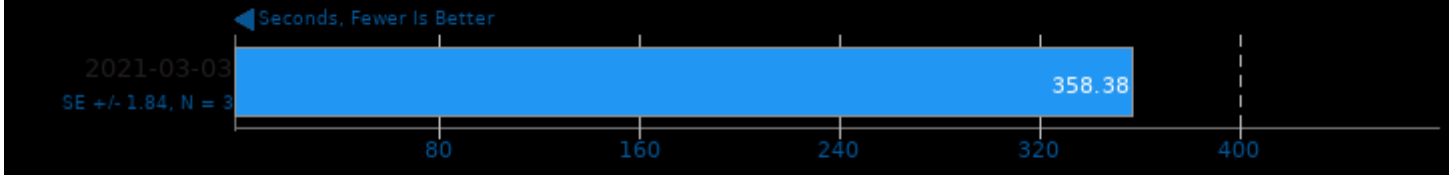
John The Ripper 1.9.0-jumbo-1

Test: MD5



1. (CC) gcc options: -O3 --param -std=gnu89

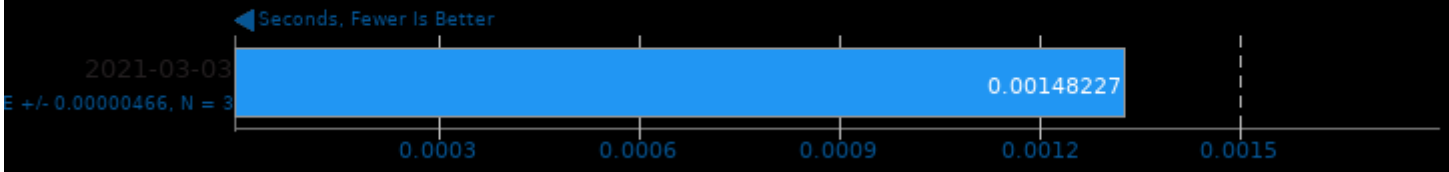
Gcrypt Library 1.9



1. (CC) gcc options: -O2 -fvisibility=hidden

Perl Benchmarks

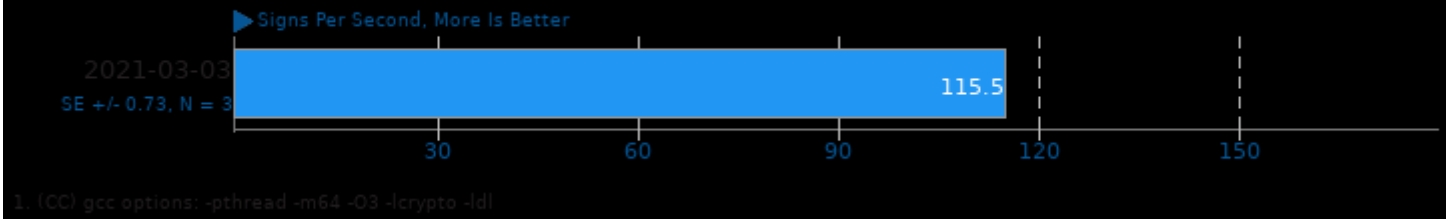
Test: Interpreter



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OpenSSL 1.1.1

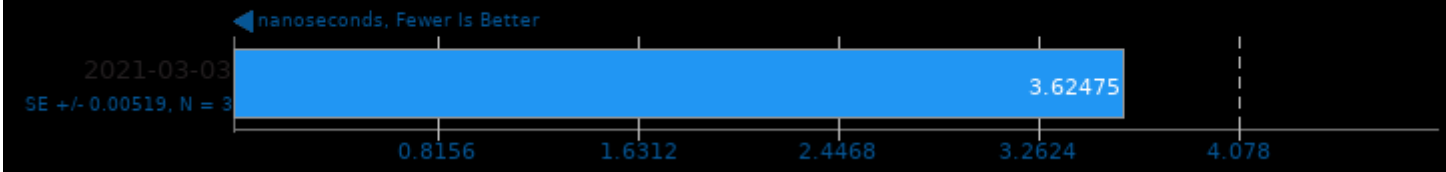
RSA 4096-bit Performance



1. (CC) gcc options: -pthread -m64 -O3 -lcrypto -ldl

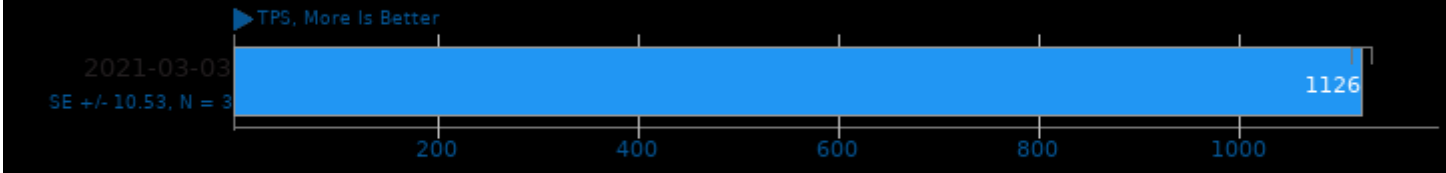
glibc bench 1.0

Benchmark: ffsll



PostgreSQL pgbench 13.0

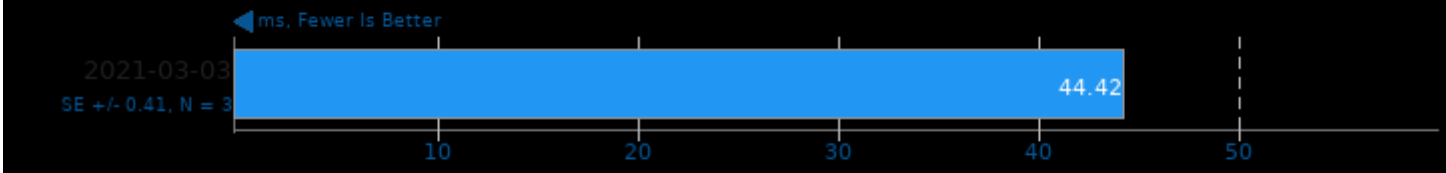
Scaling Factor: 100 - Clients: 50 - Mode: Read Write



1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpthread -lrt -ldl -lm

PostgreSQL pgbench 13.0

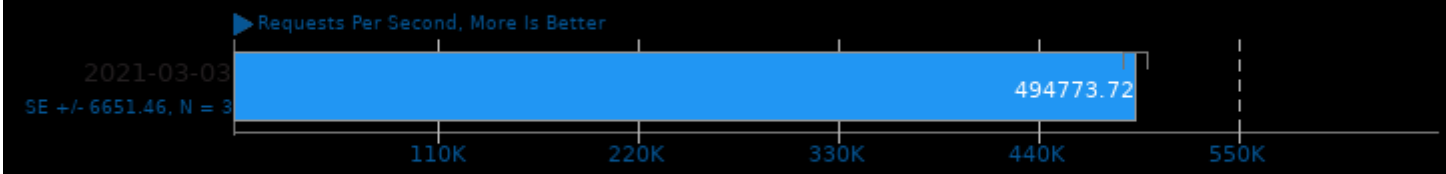
Scaling Factor: 100 - Clients: 50 - Mode: Read Write - Average Latency



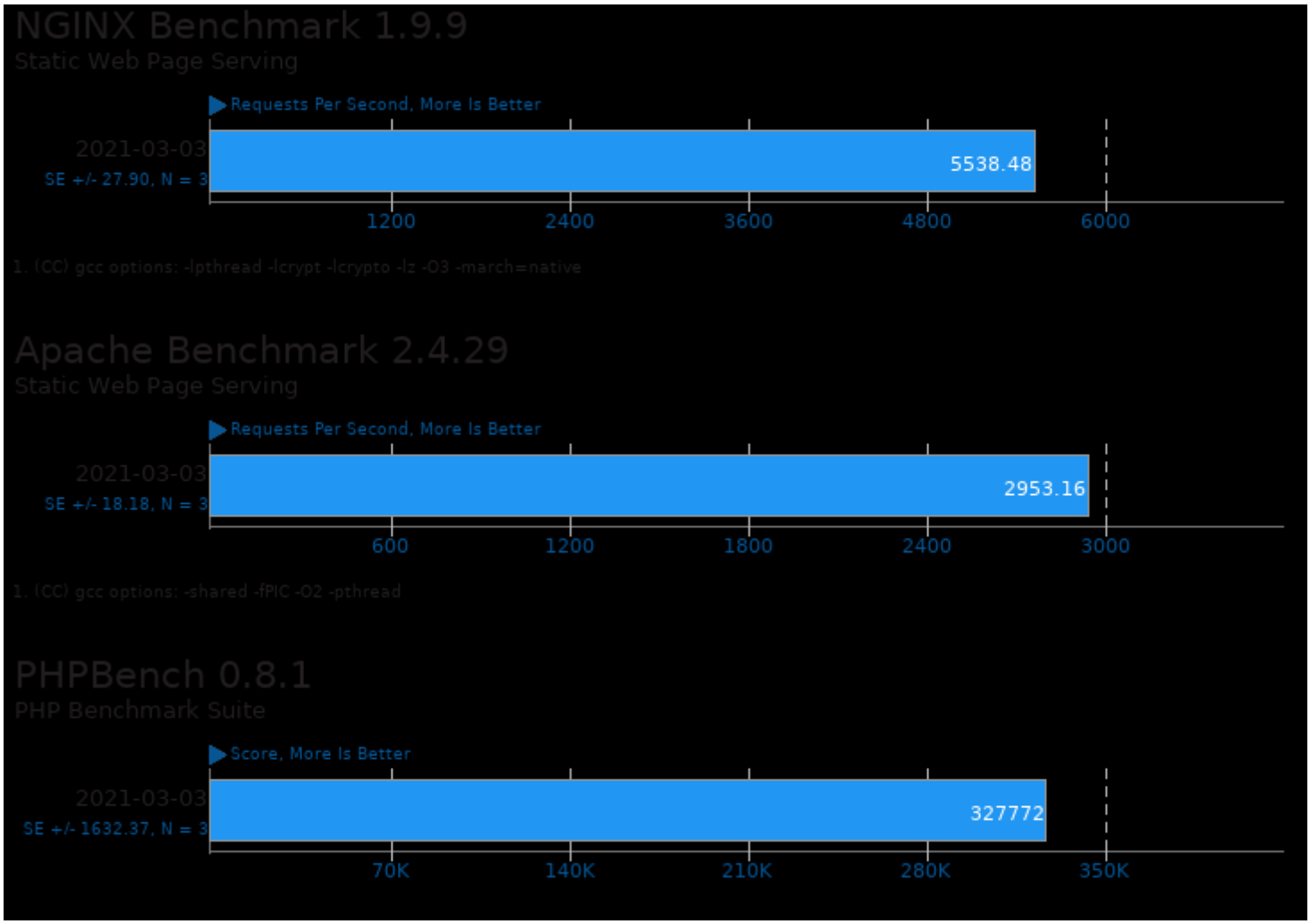
1. (CC) gcc options: -fno-strict-aliasing -fwrapv -O2 -lpgcommon -lpgport -lpthread -lrt -ldl -lm

Redis 6.0.9

Test: SET



1. (CXX) g++ options: -MM -MT -g3 -fvisibility=hidden -O3



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