


www.phoronix-test-suite.com

# Stress_0900 - 2021-05-04

A Phoromatic run.

## Test Systems:

### 2021-05-04

Processor: Intel Xeon Silver 4214 (12 Cores), Memory: 1024MB, Disk: 20GB

OS: Ubuntu 20.04, Kernel: 5.4.0 (x86_64), Compiler: GCC 9.3.0, File-System: ext4, System Layer: openvz

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --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++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/usr,hsa --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=auto --with-tune=generic --without-cuda-driver -v
Processor Notes: CPU Microcode: 0x5002f01
Disk Mount Options Notes: balloon_ino=12,data=ordered,relatime,rw
Disk Details Notes: Block Size: 4096

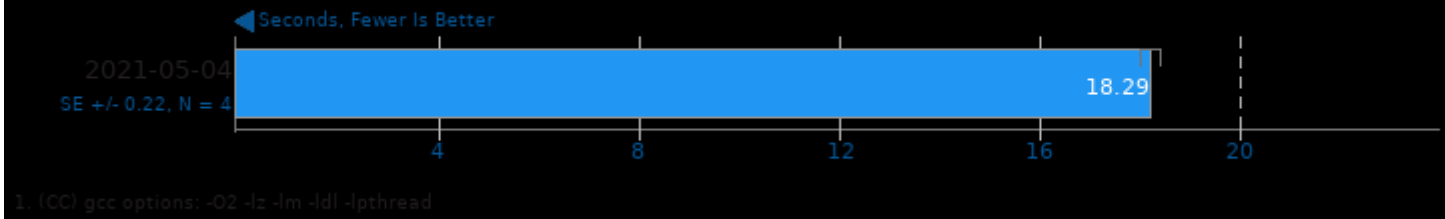
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| | 2021-05-04 |
|---|---|
| **SQLite - 8 (sec)** | 18.285 |
| **Standard Deviation** | 2.4% |
| **Go Benchmarks - json (ns/op)** | 66039830 |
| **Standard Deviation** | 6.4% |
| **John The Ripper - MD5 (Real C/S)** | 100187 |
| **Standard Deviation** | 2.4% |
| **Node.js Express HTTP Load Test (Reqs/sec)** | 1941 |
| **Standard Deviation** | 3.8% |
| **Gcrypt Library (sec)** | 371.365 |
| **Standard Deviation** | 0.5% |
| **Perl Benchmarks - Interpreter (sec)** | 0.00196811 |
| **Standard Deviation** | 2.3% |
| **OpenSSL - R.4.b.P (Signs/sec)** | 166.0 |
| **Standard Deviation** | 5.4% |
| **glibc bench - ffsll (nanoseconds)** | 2.96592 |
| **Standard Deviation** | 3.2% |
| **PostgreSQL pgbench - 100 - 50 - Read Write (TPS)** | 1367 |
| **Standard Deviation** | 2.3% |
| **PostgreSQL pgbench - 100 - 50 - Read Write - Average Latency** | 36.598 |
| **Standard Deviation** | 2.3% |
| **Redis - SET (Reqs/sec)** | 546797 |
| **Standard Deviation** | 2.4% |
| **NGINX Benchmark - S.W.P.S (Reqs/sec)** | 5612 |
| **Standard Deviation** | 0.5% |
| **Apache Benchmark - S.W.P.S (Reqs/sec)** | 3978 |
| **Standard Deviation** | 0.6% |
| **PHPBench - P.B.S (Score)** | 377538 |
| **Standard Deviation** | 2.4% |

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## SQLite 3.30.1

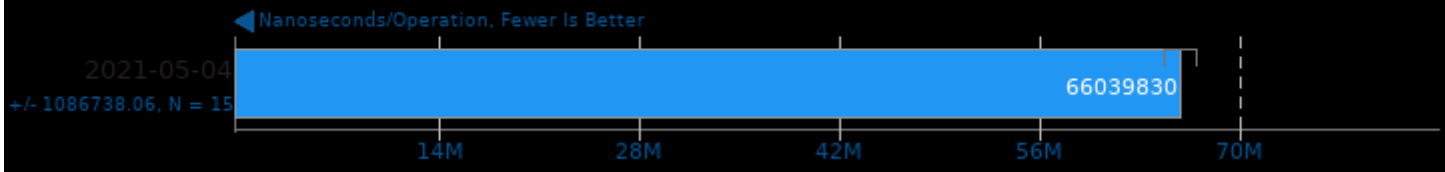
Threads / Copies: 8




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

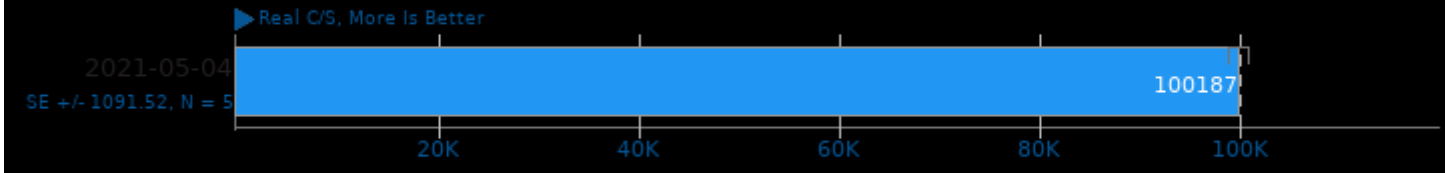
## Go Benchmarks

Test: json



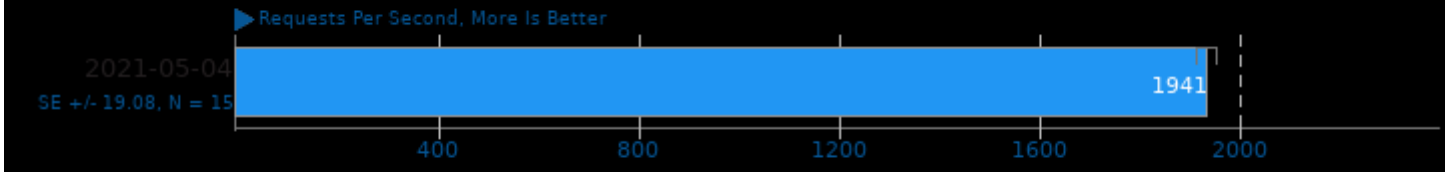

## John The Ripper 1.9.0-jumbo-1

Test: MD5



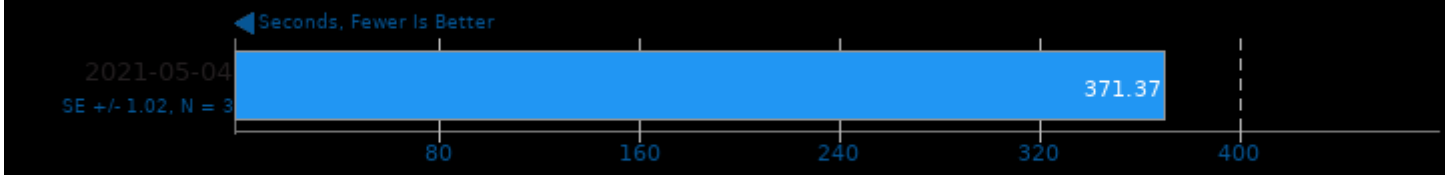

1. (CC) gcc options: -O3 --param -std=gnu89

## Node.js Express HTTP Load Test




1. Nodejs v10.19.0

## Gcrypt Library 1.9

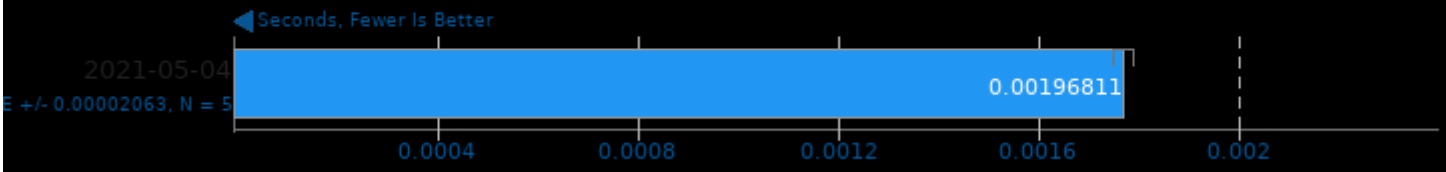



1. (CC) gcc options: -O2 -fvisibility=hidden

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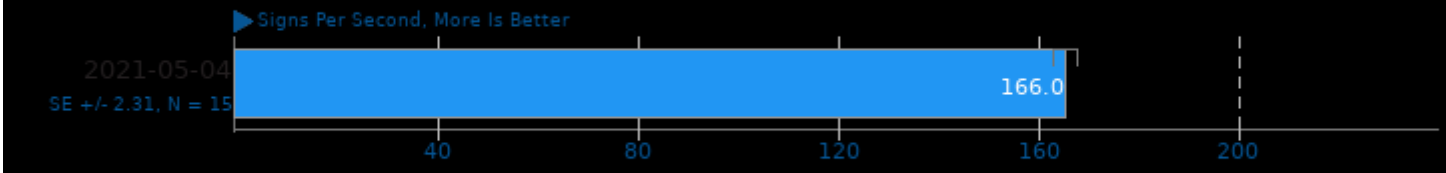
## Perl Benchmarks

Test: Interpreter




## OpenSSL 1.1.1

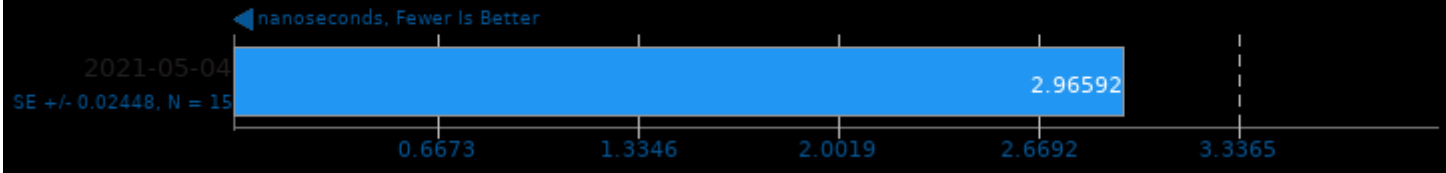
RSA 4096-bit Performance




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

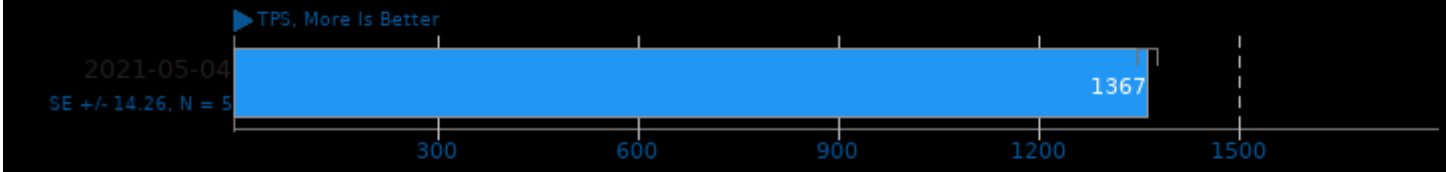
## glibc bench 1.0

Benchmark: ffsll




## PostgreSQL pgbench 13.0

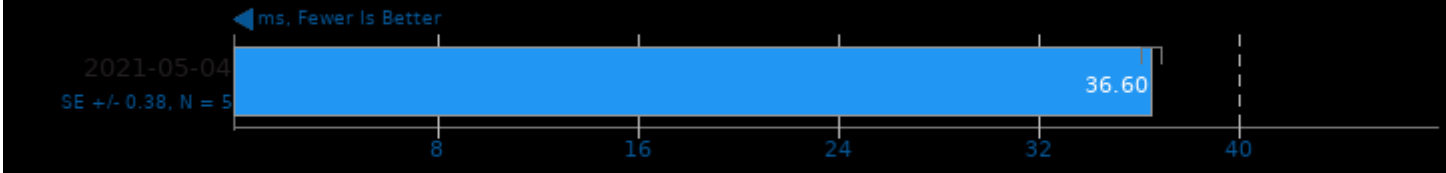
Scaling Factor: 100 - Clients: 50 - Mode: Read Write




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

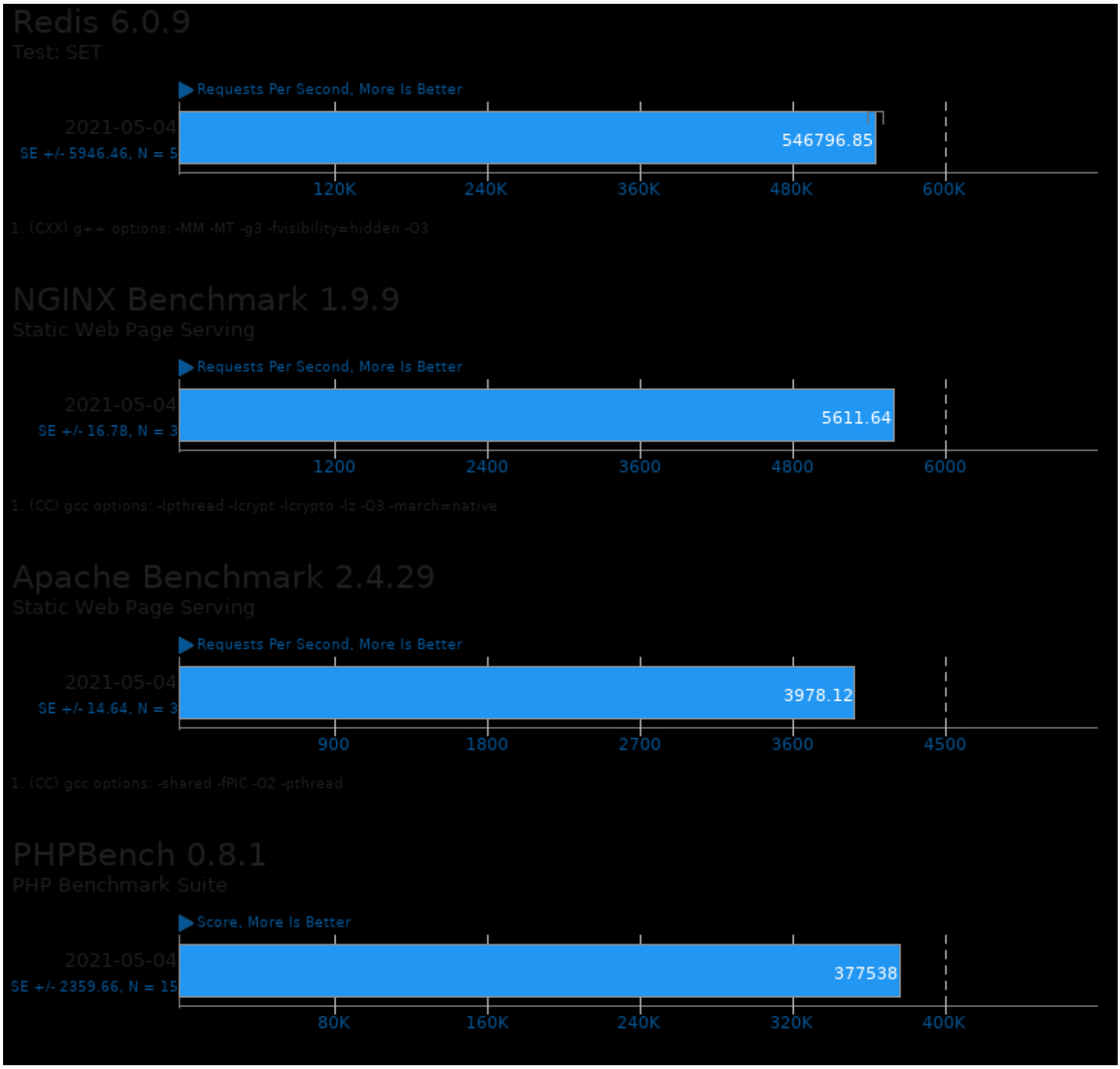
## PostgreSQL pgbench 13.0

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

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