



www.phoronix-test-suite.com

-drmdrmfb + QEMU Standard PC (i440FX + PIIX 1996) (rel-1.15.0-0-g2dd4b9b3f840-p)

Various open-source benchmarks by the Phoronix Test Suite v10.8.3.

Test Systems:

Common KVM

Processor: Common KVM (4 Cores), Motherboard: QEMU Standard PC (i440FX + PIIX 1996) (rel-1.15.0-0-g2dd4b9b3f840-prebuilt.qemu.org BIOS), Memory: 16GB, Disk: 107GB QEMU HDD, Graphics: bochs-drmdrmfb, Monitor: QEMU Monitor

OS: Ubuntu 20.04.4 LTS, Kernel: 5.15.0-52-generic (x86_64), File-System: overlayfs, Screen Resolution: 1024x768, System Layer: Docker

Kernel Notes: Transparent Huge Pages: madvise

Processor Notes: CPU Microcode: 0x1

Security Notes: `itlb_multihit`: KVM: Mitigation of VMX unsupported + `l1tf`: Mitigation of PTE Inversion + `mds`: Vulnerable: Clear buffers attempted no microcode; SMT Host state unknown + `meltdown`: Mitigation of PTI + `mmio_stale_data`: Not affected + `retbleed`: Not affected + `spec_store_bypass`: Vulnerable + `spectre_v1`: Mitigation of `usercopy`/`swapgs` barriers and `__user` pointer sanitization + `spectre_v2`: Mitigation of Retpolines STIBP: disabled RSB filling PBRSB-eIBRS: Not affected + `srbds`: Not affected + `tsx_async_abort`: Not affected

Common KVM

NAMD - ATPase Simulation - 327,506 Atoms (days/ns) 5.67842

Standard Deviation 0.2%

Y-Cruncher - 500M (sec) 143.052

Standard Deviation 2%

NeatBench - CPU (FPS) 6.93

Standard Deviation 0.8%

PHPBench - P.B.S (Score) 655092

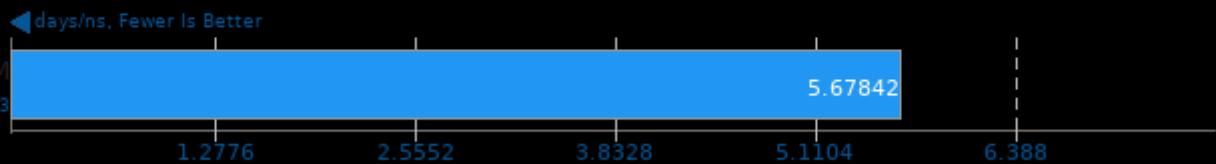
Standard Deviation 0.4%

Git - T.T.C.C.G.C (sec) 62.002

Standard Deviation 0.8%

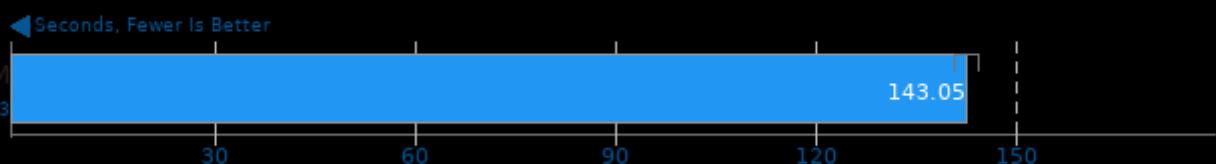
NAMD 2.14

ATPase Simulation - 327,506 Atoms



Y-Cruncher 0.7.10.9513

Pi Digits To Calculate: 500M



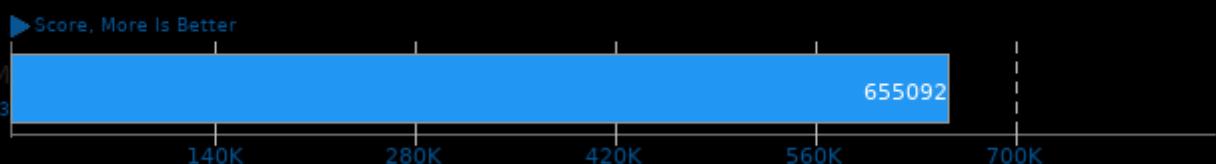
NeatBench 5

Acceleration: CPU



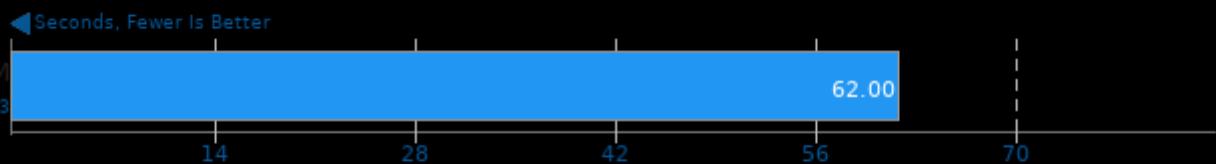
PHPBench 0.8.1

PHP Benchmark Suite



Git

Time To Complete Common Git Commands



1. git version 2.25.1

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:58.