



Linuxmint 4 Performance

Various open-source benchmarks by the Phoronix Test Suite v10.2.2 (Harstad).

Test Systems:

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Processor: Intel Core i7-8700 @ 4.00GHz (6 Cores / 12 Threads), Motherboard: ASUS PRIME Z370-A II (0602 BIOS), Chipset: Intel 8th Gen Core, Memory: 32GB, Disk: 500GB Western Digital WDS500G3X0C-00SJG0 + 2 x 2000GB TOSHIBA DT01ACA2 + 256GB Samsung SSD 850, Graphics: Gigabyte NVIDIA NV137 4GB, Audio: Realtek ALC1220, Monitor: EV2451, Network: Intel I219-V

OS: Linuxmint 4, Kernel: 4.19.0-9-amd64 (x86_64), Desktop: Cinnamon 4.4.8, Display Server: X Server 1.20.4, Display Driver: nouveau, OpenGL: 4.3 Mesa 18.3.6, Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: always

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

Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xd6 - Thermald 1.8

Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Mitigation of Clear buffers; SMT vulnerable + meltdown: Mitigation of PTI + 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 Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbds: Mitigation of Microcode + tsx_async_abort: Mitigation of Clear buffers; SMT vulnerable

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Google Draco - Lion (ms) 5950

Standard Deviation 1.9%

Google Draco - Church Facade (ms) 7506

Standard Deviation 0.9%

Xsbench (Lookups/s) 1885460

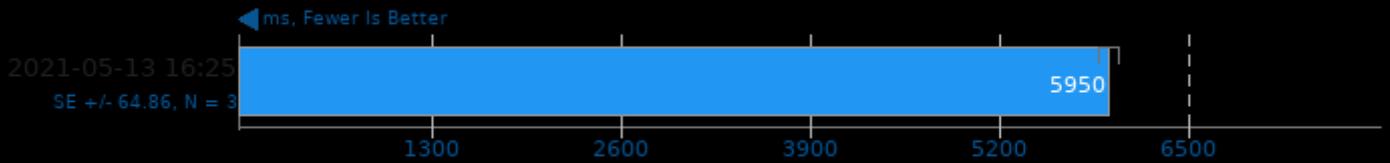
Standard Deviation 1.4%

NeatBench - CPU (FPS) 11.2

Standard Deviation 0.9%

Google Draco 1.4.1

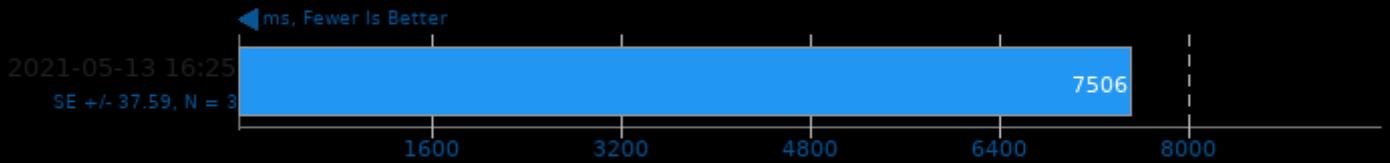
Model: Lion



1. (CXX) g++ options: -O3

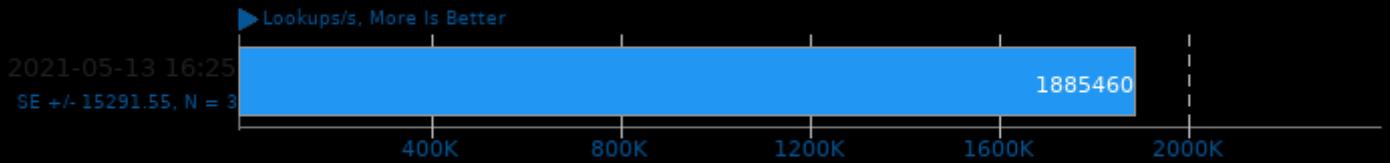
Google Draco 1.4.1

Model: Church Facade



1. (CXX) g++ options: -O3

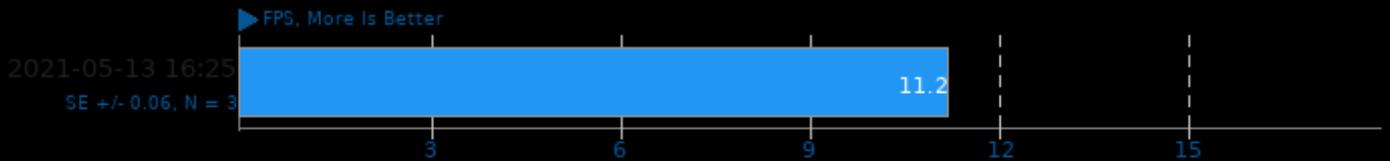
Xsbench 2017-07-06



1. (CC) gcc options: -std=gnu99 -fopenmp -O3 -lm

NeatBench 5

Acceleration: CPU



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 14:32.