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xps9575

Intel Core i7-8705G testing with a Dell 0C32VW and llvmpipe (LLVM 9.0 256 bits) on LinuxMint 19.3 via the Phoronix Test Suite.

Test Systems:

Intel Core i7-8705G

Processor: Intel Core i7-8705G @ 4.10GHz (8 Cores), Motherboard: Dell 0C32VW, Chipset: Intel Xeon E3-1200 v6/7th, Memory: 16384MB, Disk: 79GB, Graphics: llvmpipe (LLVM 9.0 256 bits), Audio: Realtek ALC3271, Network: Qualcomm Atheros QCA6174 802.11ac Wireless

OS: LinuxMint 19.3, Kernel: 5.3.0-46-generic (x86_64), Desktop: Cinnamon 4.4.8, Display Driver: modesetting 1.20.5, OpenGL: 3.3 Mesa 19.2.8, Compiler: Clang 6.0.0-1ubuntu2, File-System: ext4, Screen Resolution: 3840x2160

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

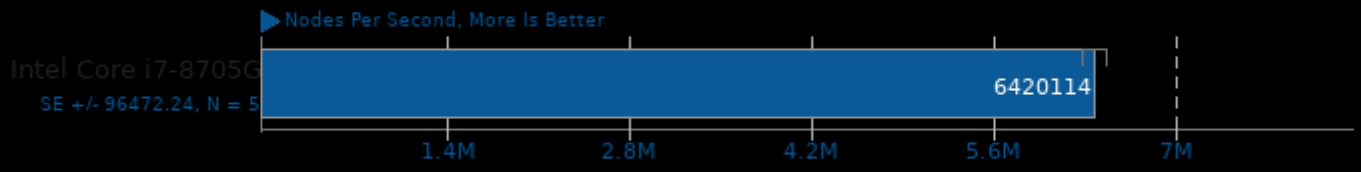
xps9575

Processor Notes: Scaling Governor: intel_pstate powersave

	Intel Core i7-8705G
Crafty - Elapsed Time (Nodes/s)	6420114
Standard Deviation	3.4%
TSCP - A.C.P (Nodes/s)	1195361
Standard Deviation	5.3%
Stockfish - Total Time (Nodes/s)	5492913
Standard Deviation	0.2%
asmFish - 1.H.M.2.D (Nodes/s)	6242474
Standard Deviation	0.9%
m-queens - Time To Solve (sec)	394.14
Standard Deviation	3.6%
N-Queens - Elapsed Time (sec)	59.62
Standard Deviation	1.2%

Crafty 25.2

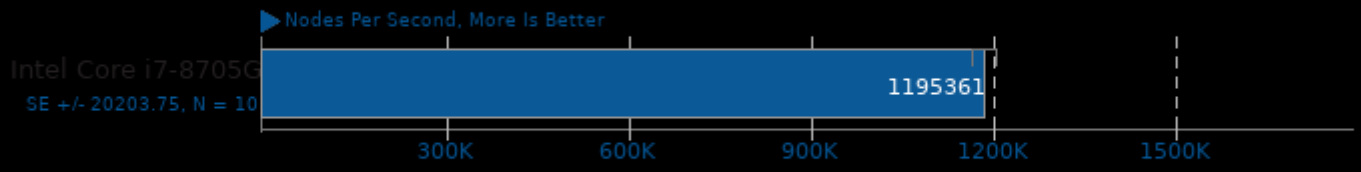
Elapsed Time



1. (CC) gcc options: -pthread -lstdc++ -fprofile-use -lm

TSCP 1.81

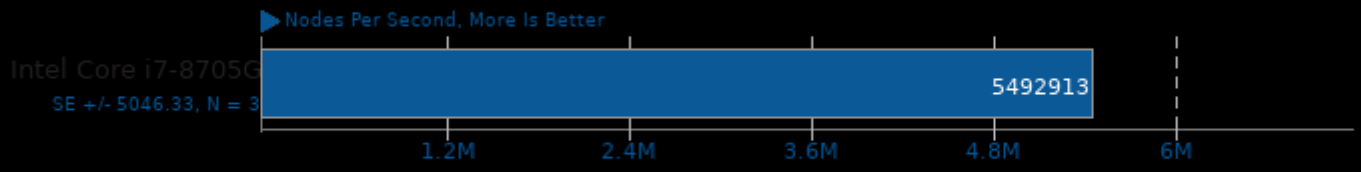
AI Chess Performance



1. (CC) gcc options: -O3 -march=native

Stockfish 9

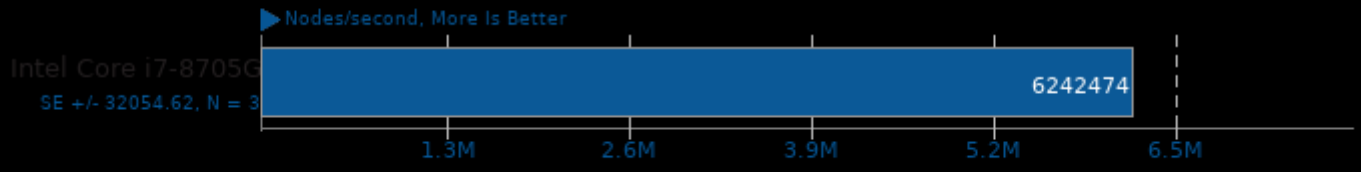
Total Time



1. (CXX) g++ options: -m64 -lpthread -fno-exceptions -std=c++11 -pedantic -O3 -msse -msse3 -mpopcnt -flto

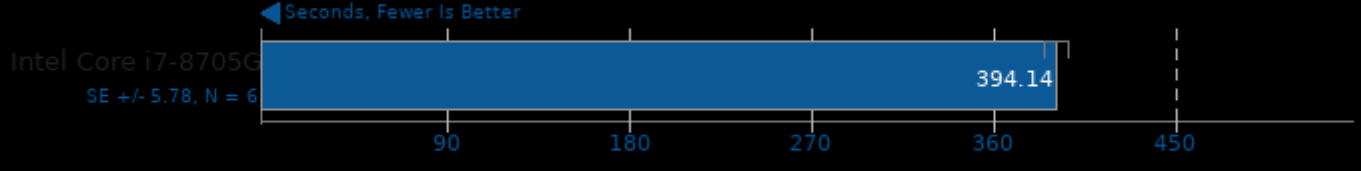
asmFish 2018-07-23

1024 Hash Memory, 26 Depth

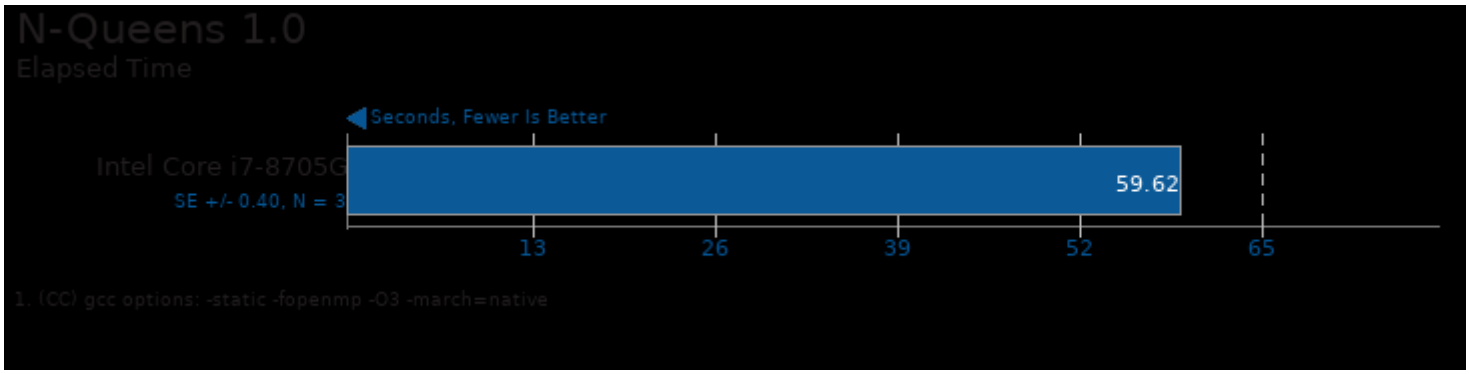


m-queens 1.2

Time To Solve



1. (CXX) g++ options: -fopenmp -O2 -march=native



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 04:00.