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test-May22

Intel Core i7-6700HQ testing with a Acer Aspire VN7-592G (V1.12 BIOS) and NVIDIA GeForce GTX 960M 4GB on Ubuntu 19.04 via the Phoronix Test Suite.

Test Systems:

first

Processor: Intel Core i7-6700HQ @ 3.50GHz (4 Cores / 8 Threads), Motherboard: Acer Aspire VN7-592G (V1.12 BIOS), Chipset: Intel Xeon E3-1200 v5/E3-1500, Memory: 16384MB, Disk: 128GB SAMSUNG MZNLF128 + 1000GB Western Digital WD10JPVX-22J, Graphics: NVIDIA GeForce GTX 960M 4GB (1097/2505MHz), Audio: Realtek ALC255, Network: Realtek RTL8111/8168/8411 + Qualcomm Atheros QCA6174 802.11ac

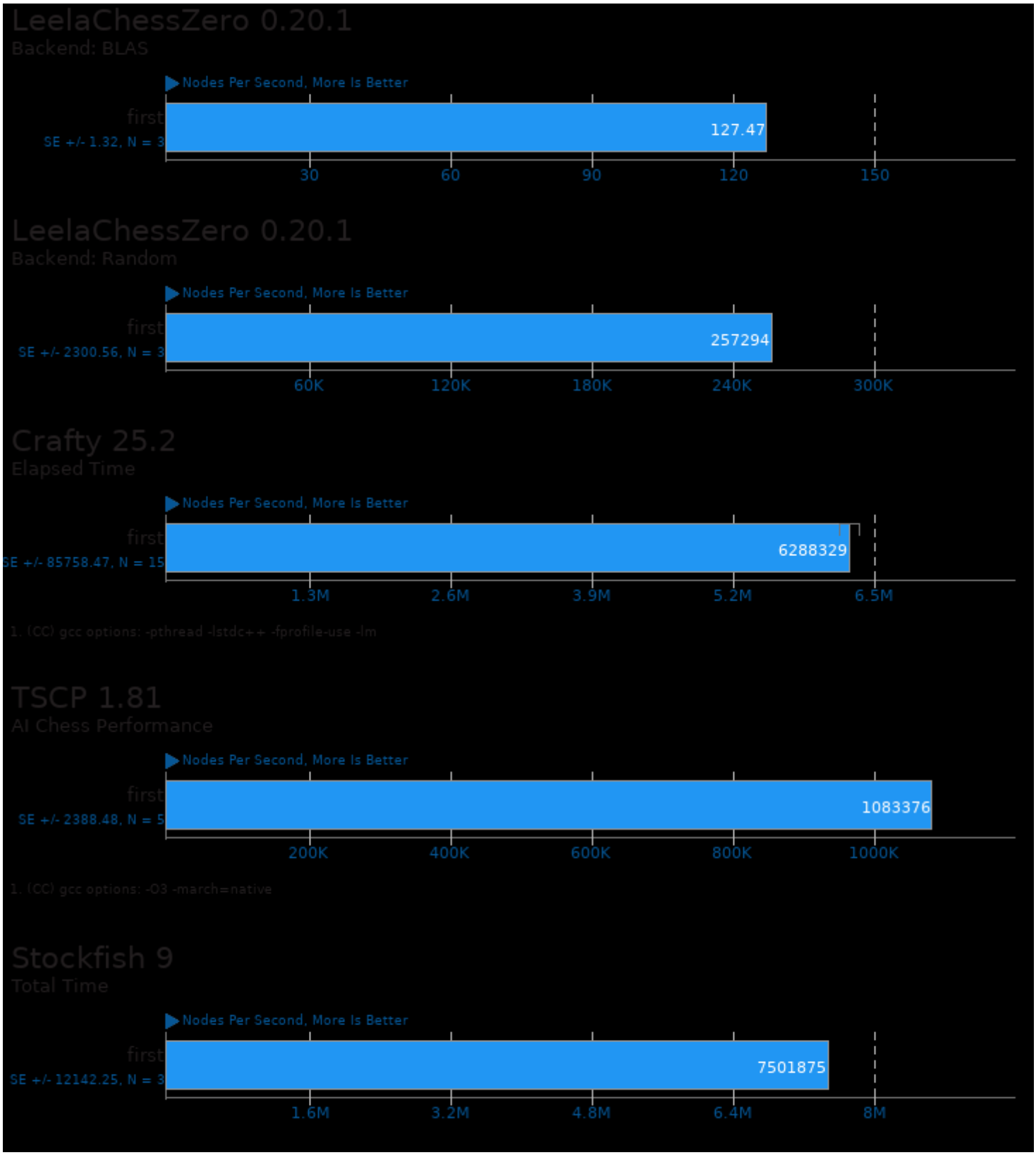
OS: Ubuntu 19.04, Kernel: 5.0.0-15-generic (x86_64), Desktop: GNOME Shell 3.32.1, Display Server: X Server 1.20.4, Display Driver: NVIDIA 418.56, OpenGL: 4.6.0, Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1920x1080

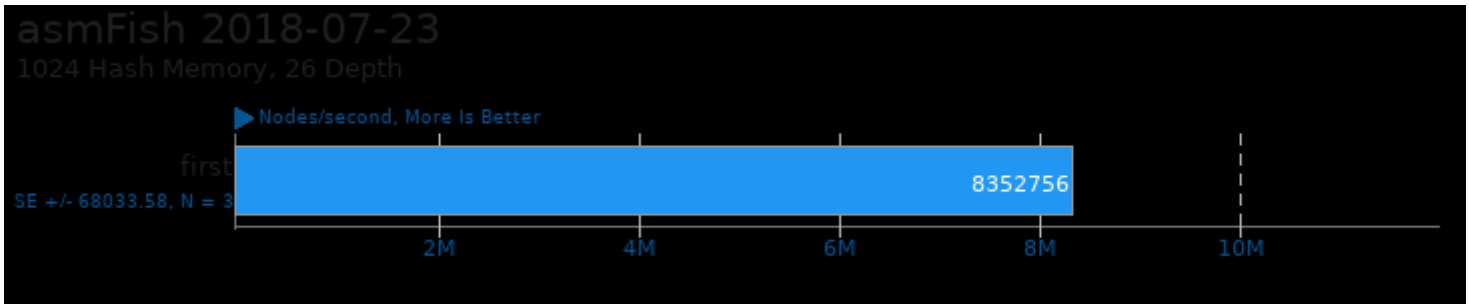
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix

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--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
OpenCL Notes: GPU Compute Cores: 640
Security Notes: KPTI + __user pointer sanitization + Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + SSB disabled via prctl and seccomp + PTE Inversion; VMX: conditional cache flushes SMT vulnerable

	first
LeelaChessZero - BLAS (Nodes/s)	127.47
Standard Deviation	1.8%
LeelaChessZero - Rand (Nodes/s)	257294
Standard Deviation	1.5%
Crafty - Elapsed Time (Nodes/s)	6288329
Standard Deviation	5.3%
TSCP - A.C.P (Nodes/s)	1083376
Standard Deviation	0.5%
Stockfish - Total Time (Nodes/s)	7501875
Standard Deviation	0.3%
asmFish - 1.H.M.2.D (Nodes/s)	8352756
Standard Deviation	1.4%


LeelaChessZero 0.20.1
Backend: BLAS
Nodes Per Second, More Is Better
first
SE +/- 1.32, N = 3
127.47
30
60
90
120
150
LeelaChessZero 0.20.1
Backend: Random
Nodes Per Second, More Is Better
first
SE +/- 2300.56, N = 3
257294
60K
120K
180K
240K
300K
Crafty 25.2
Elapsed Time
Nodes Per Second, More Is Better
first
SE +/- 85758.47, N = 15
6288329
1.3M
2.6M
3.9M
5.2M
6.5M
1. (CC) gcc options: -pthread -lstdc++ -fprofile-use -lm
TSCP 1.81
AI Chess Performance
Nodes Per Second, More Is Better
first
SE +/- 2388.48, N = 5
1083376
200K
400K
600K
800K
1000K
1. (CC) gcc options: -O3 -march=native
Stockfish 9
Total Time
Nodes Per Second, More Is Better
first
SE +/- 12142.25, N = 3
7501875
1.6M
3.2M
4.8M
6.4M
8M



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 03:54.