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cpp-run-all

Intel Core i9-11900H testing with a ASUS FX506HM v1.0 (FX506HM.312 BIOS) and ASUS Intel UHD TGL GT1 23GB on Clear Linux OS 36750 via the Phoronix Test Suite.

Test Systems:

CCP run with Test All Options

Processor: Intel Core i9-11900H @ 4.80GHz (8 Cores / 16 Threads), Motherboard: ASUS FX506HM v1.0 (FX506HM.312 BIOS), Chipset: Intel Tiger Lake-H, Memory: 24GB, Disk: 1024GB HFM001TD3JX013N, Graphics: ASUS Intel UHD TGL GT1 23GB (1450MHz), Audio: Realtek ALC256, Network: Realtek RTL8111/8168/8411 + Intel Wi-Fi 6 AX210/AX211/AX411

OS: Clear Linux OS 36750, Kernel: 5.18.16-1165.native (x86_64), Desktop: GNOME Shell 42.3.1, Display Server: X Server 1.21.1.3 + Wayland, OpenGL: 4.6 Mesa 22.1.4, Compiler: GCC 12.1.1 20220803 releases/gcc-12.1.0-322-g3df2f03587 + Clang 14.0.6 + LLVM 14.0.6, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: always
Environment Notes: FFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D_FORTIFY_SOURCE=2 -fexceptions -m64 -fasynchronous-unwind-tables

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-Wp,-D_REENTRANT -ftree-loop-distribute-patterns -Wl,-z -Wl,now -Wl,-z -Wl,relro -malign-data=abi -fno-semantic-interposition -ftree-vectorize -ftree-loop-vectorize -Wl,--enable-new-dtags" CXXFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D_FORTIFY_SOURCE=2 -fexceptions -Wformat -Wformat-security -m64 -fasynchronous-unwind-tables -Wp,-D_REENTRANT -ftree-loop-distribute-patterns -Wl,-z -Wl,now -Wl,-z -Wl,relro -fno-semantic-interposition -ffat-lto-objects -fno-trapping-math -Wl,-sort-common -Wl,--enable-new-dtags -mtune=skylake -mrelax-cmpxchg-loop -fvisibility-inlines-hidden -Wl,--enable-new-dtags" MESA_GLSL_CACHE_DISABLE=0 FCFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D_FORTIFY_SOURCE=2 -fexceptions -m64 -fasynchronous-unwind-tables -Wp,-D_REENTRANT -ftree-loop-distribute-patterns -Wl,-z -Wl,now -Wl,-z -Wl,relro -malign-data=abi -fno-semantic-interposition -ftree-vectorize -ftree-loop-vectorize -Wl,-sort-common -Wl,--enable-new-dtags" NVM_CD_FLAGS= CFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D_FORTIFY_SOURCE=2 -fexceptions -Wformat -Wformat-security -m64 -fasynchronous-unwind-tables -Wp,-D_REENTRANT -ftree-loop-distribute-patterns -Wl,-z -Wl,now -Wl,-z -Wl,relro -fno-semantic-interposition -ffat-lto-objects -fno-trapping-math -Wl,-sort-common -Wl,--enable-new-dtags -mtune=skylake -mrelax-cmpxchg-loop" THEANO_FLAGS="floatX=float32,openmp=true,gcc.cxxflags="-ftree-vectorize -mavx""

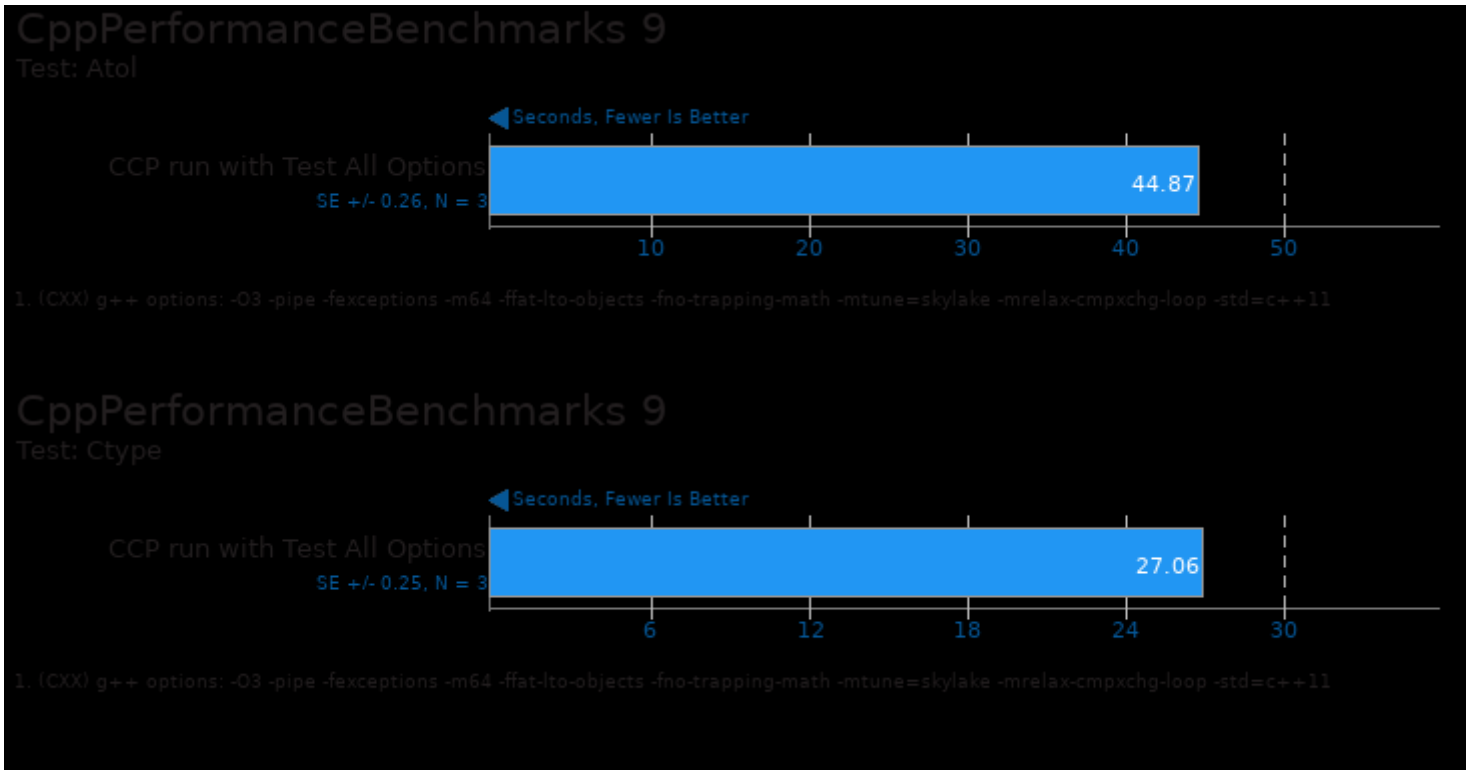
Compiler Notes: --build=x86_64-generic-linux --disable-libmpx --disable-libunwind-exceptions --disable-multiarch --disable-vtable-verify --disable-werror --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-clocale=gnu --enable-default-pie --enable-gnu-indirect-function --enable-gnu-indirect-function --enable-host-shared --enable-languages=c,c++,fortran,go,jit --enable-ld=default --enable-libstdcxx-pch --enable-linux-futex --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --exec-prefix=/usr --includedir=/usr/include --target=x86_64-generic-linux --with-arch=x86-64-v3 --with-gcc-major-version-only --with-glibc-version=2.35 --with-gnu-ld --with-isl --with-pic --with-ppl=yes --with-tune=skylake-avx512 --with-zstd

Processor Notes: Scaling Governor: intel_pstate performance (EPP: performance) - Platform Profile: balanced - CPU Microcode: 0x3e - Thermald 2.5.0 - ACPI Profile: balanced

Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + retbleed: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IBPB: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	CCP run with Test All Options
CppPerformanceBenchmarks - Atol (sec)	44.871
Standard Deviation	1%
CppPerformanceBenchmarks - Ctype (sec)	27.063
Standard Deviation	1.6%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 05:19.