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sysbenchX230

Intel Core i5-3320M testing with a LENOVO 2325YBN (G2ET94WW 2.54 BIOS) and Intel HD 4000 2GB on Ubuntu 20.10 via the Phoronix Test Suite.

Test Systems:

sysbench benchmark on X230 Archlinux

Processor: Intel Core i5-3320M @ 3.30GHz (2 Cores / 4 Threads), Motherboard: LENOVO 2325SYU (G2ETB4WW 2.74 BIOS), Chipset: Intel 3rd Gen Core DRAM, Memory: 16384MB, Disk: 240GB KINGSTON SA400S3 + 120GB KINGSTON SUV500M + 63GB Seagate STORE N GO, Graphics: Intel HD 4000 (1200MHz), Audio: Realtek ALC269VC, Network: Intel 82579LM + Intel Centrino Advanced-N 6205

OS: Anarchy Linux, Kernel: 5.2.13-arch1-1-ARCH (x86_64), Desktop: GNOME Shell 3.32.2, Display Server: X Server 1.20.5 + Wayland, Display Driver: intel 2.99.917, Compiler: GCC 9.1.0 + Clang 8.0.1, File-System: ext4, Screen Resolution: 1366x768

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty

--enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++ --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: intel_pstate powersave
Security Notes: l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Vulnerable: Clear buffers attempted no microcode; SMT vulnerable + meltdown: Mitigation of PTI + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling

my-test

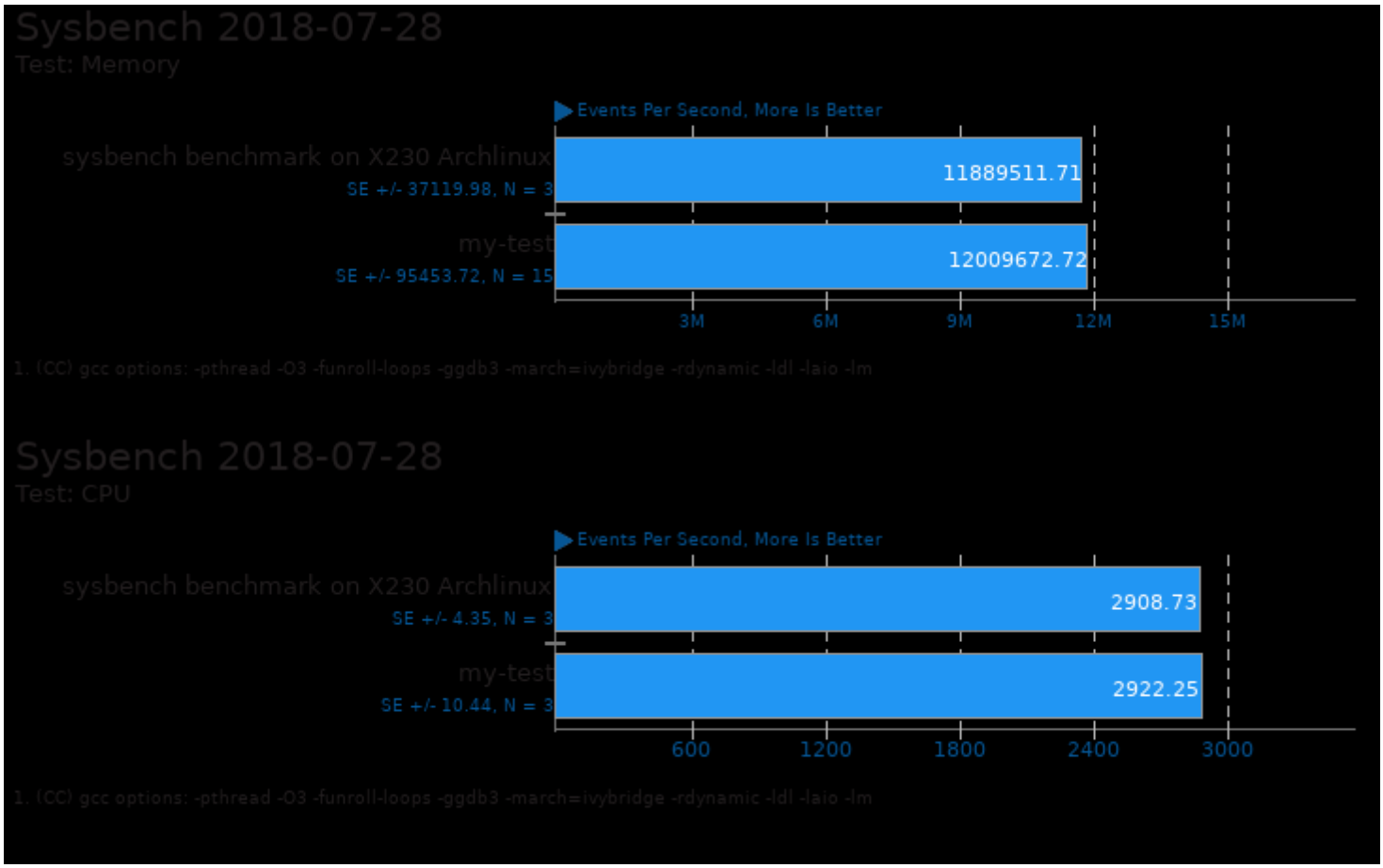
Processor: Intel Core i5-3320M @ 3.30GHz (2 Cores / 4 Threads), Motherboard: LENOVO 2325YBN (G2ET94WW 2.54 BIOS), Chipset: Intel 3rd Gen Core DRAM, Memory: 8GB, Disk: 500GB TOSHIBA MQ01ACF0, Graphics: Intel HD 4000 2GB (1200MHz), Audio: Realtek ALC269VC, Monitor: HS-133MC + VZ229, Network: Intel 82579LM + Intel Centrino Advanced-N 6205

OS: Ubuntu 20.10, Kernel: 5.8.0-45-generic (x86_64), Display Server: X Server 1.20.8, OpenGL: 4.2 Mesa 20.2.6, Vulkan: 1.2.145, Compiler: GCC 10.2.0, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: madvise
Environment Notes: NVM_CD_FLAGS=
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --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++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-JvwpWM/gcc-10-10.2.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-10-JvwpWM/gcc-10-10.2.0/debian/tmp-gcn/usr,hsa --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=auto --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_cpufreq ondemand - CPU Microcode: 0x21 - Thermald 2.3
Security Notes: itlb_multihit: KVM: Mitigation of VMX disabled + 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/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbds: Vulnerable: No microcode + tsx_async_abort: Not affected

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Sysbench - Memory (Events/sec)	**11889512**	**12009673**
Normalized	99%	100%
Standard Deviation	0.5%	3.1%
Sysbench - CPU (Events/sec)	**2909**	**2922**
Normalized	99.54%	100%
Standard Deviation	0.3%	0.6%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 18:33.