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test1

2 x AMD EPYC 7501 32-Core testing with a Supermicro H11DSi-NT v1.01 (1.1c BIOS) and AMD Radeon PRO SSG 16GB on Ubuntu 18.10 via the Phoronix Test Suite.

Test Systems:

AMD EPYC 7501 32-Core

Processor: 2 x AMD EPYC 7501 32-Core @ 2.00GHz (64 Cores / 128 Threads), Motherboard: Supermicro H11DSi-NT v1.01 (1.1c BIOS), Chipset: AMD Family 17h, Memory: 64512MB, Disk: 1000GB Western Digital WD10EZEX-22M + FORESEE 64GB SSD + 4 x 512GB SAMSUNG MZVKW512HMJP-00007, Graphics: AMD Radeon PRO SSG 16GB (1500/945MHz), Audio: AMD Device aaf8, Monitor: C49HG9x, Network: Intel 10G X550T

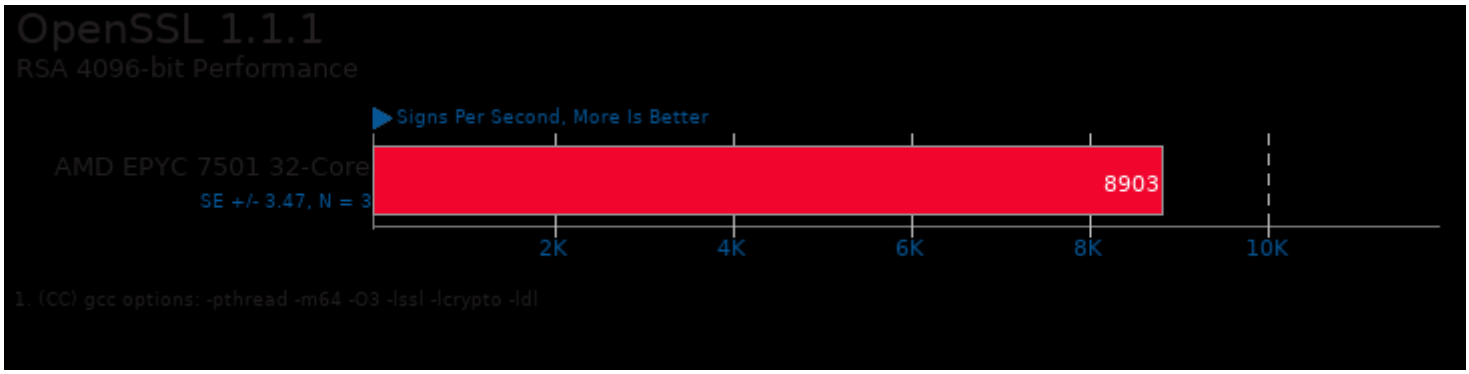
OS: Ubuntu 18.10, Kernel: 4.18.0-13-generic (x86_64), Desktop: GNOME Shell 3.30.1, Display Server: X Server 1.20.1, Display Driver: amdgpu 18.1.0, OpenGL: 4.5 Mesa 18.2.2 (LLVM 7.0.0), Compiler: GCC 8.2.0, File-System: ext4, Screen Resolution: 3840x1080

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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes

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--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: acpi-cpufreq ondemand
Security Notes: __user pointer sanitization + Full AMD retpoline IBPB + SSB disabled via prctl and seccomp

	AMD EPYC 7501 32-Core
OpenSSL - R.4.b.P (Signs/sec)	8903
Standard Deviation	0.1%



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