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AMD A10-7800 Radeon R7 12 Compute Cores 4C+8G testing with a ASUS A88XM-A (3001 BIOS) and ASUS AMD Radeon R7 1GB on Ubuntu 18.04 via the Phoronix Test Suite.

Test Systems:

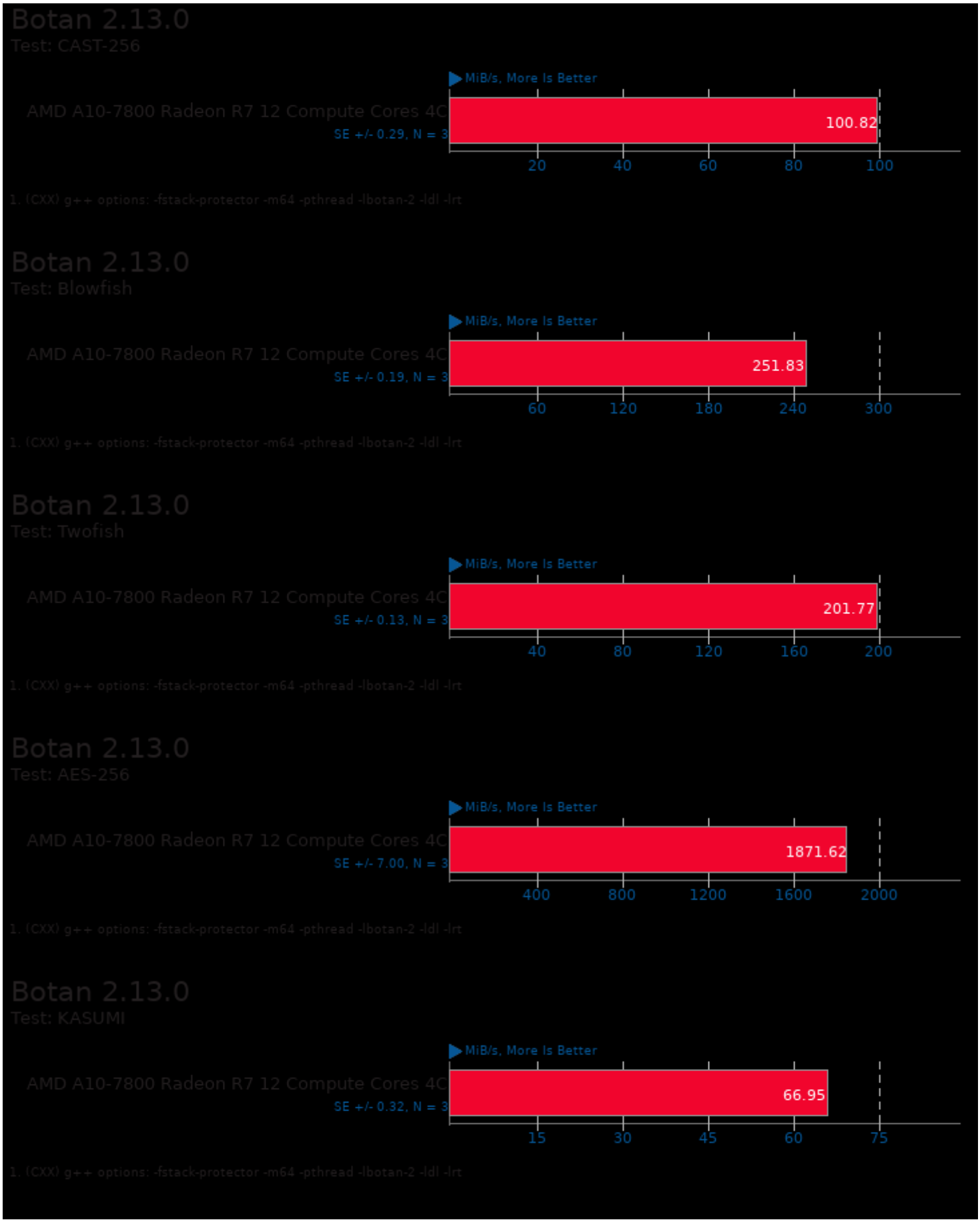
AMD A10-7800 Radeon R7 12 Compute Cores 4C

Processor: AMD A10-7800 Radeon R7 12 Compute Cores 4C+8G @ 3.50GHz (2 / 4 Threads), Motherboard: ASUS A88XM-A (3001 BIOS), Chipset: AMD 15h, Memory: 4 x 8192 MB DDR3-1866MT/s Kingston KHX1866C10D3, Disk: 2 x 4001GB Seagate ST4000DM005-2DP1 + 2 x 4001GB Western Digital WD40EFRX-68W + 240GB KINGSTON SA400S3 + 240GB Kingston SHPM228 + 16GB USB Flash Drive + 8002GB Seagate ST8000DM004-2CX1, Graphics: ASUS AMD Radeon R7 1GB (351MHz), Audio: AMD Kaveri HDMI/DP, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 18.04, Kernel: 5.4.0-54-generic (x86_64), Desktop: GNOME Shell 3.28.4, Display Server: X Server, OpenGL: 4.5 Mesa 20.3.0-devel (git-2b977ad 2020-10-06 bionic-oibaf-ppa) (LLVM 10.0.1), Compiler: GCC 7.5.0, File-System: btrfs, 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 --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 - CPU Microcode: 0x6003106
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + 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 AMD retpoline STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	AMD A10-7800 Radeon R7 12 Compute Cores 4C
Botan - CAST-256 (MiB/s)	100.824
Standard Deviation	0.5%
Botan - Blowfish (MiB/s)	251.833
Standard Deviation	0.1%
Botan - Twofish (MiB/s)	201.767
Standard Deviation	0.1%
Botan - AES-256 (MiB/s)	1872
Standard Deviation	0.6%
Botan - KASUMI (MiB/s)	66.947
Standard Deviation	0.8%



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