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5800x3dtest1

AMD Ryzen 7 5800X3D 8-Core testing with a MSI MAG X570S TOMAHAWK MAX WIFI (MS-7D54) v1.0 (1.00 BIOS) and AMD Radeon RX 56/64 8GB on Debian testing via the Phoronix Test Suite.

Test Systems:

fettuniktmannen

5800x3D_test1

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Processor: AMD Ryzen 7 5800X3D 8-Core @ 3.40GHz (8 Cores / 16 Threads), Motherboard: MSI MAG X570S TOMAHAWK MAX WIFI (MS-7D54) v1.0 (1.00 BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 2 x Samsung SSD 960 EVO 250GB + 3001GB Western Digital WD30EFRX-68E + 250GB Samsung SSD 850 + 250GB CT250MX500SSD1 + 2000GB Seagate ST2000VX000-1ES1, Graphics: AMD Radeon RX 56/64 8GB (1421/945MHz), Audio: AMD Vega 10 HDMI Audio, Monitor: BenQ GW2765 + BenQ GW2270, Network: Realtek RTL8125 2.5GbE + Intel Wi-Fi 6 AX210/AX211/AX411

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OS: Debian testing, Kernel: 5.17.0-1-amd64 (x86_64), Desktop: Cinnamon 5.2.7, Display Server: X Server 1.21.1.3, OpenGL: 4.6 Mesa 21.3.8 (LLVM 13.0.1), OpenCL: OpenCL 1.1 Mesa 21.3.8, Vulkan: 1.2.195, Compiler: GCC 11.3.0 + Clang 13.0.1-4, File-System: ext4, Screen Resolution: 2560x1440

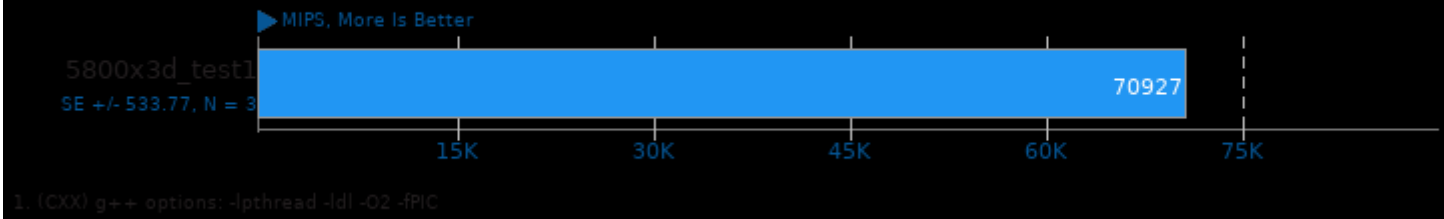
Kernel Notes: amdgpu.ppfeaturemask=0xfff7ffff - Transparent Huge Pages: always
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-cet --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-serialization=2 --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-11-6lTGZp/gcc-11-11.3.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-11-6lTGZp/gcc-11-11.3.0/debian/tmp-gcn/usr --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-build-config=bootstrap-lto-lean --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: acpi-cpufreq performance (Boost: Enabled) - CPU Microcode: 0xa201204
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: 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 Retpolines IBPB: conditional IBRS_FW STIBP: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

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7-Zip Compression - Compression Rating (MIPS)			70927
Standard Deviation			1.3%
7-Zip Compression - D.R (MIPS)			54501
Standard Deviation			0.5%
TensorFlow Lite - SqueezeNet (us)		4392	
Standard Deviation		1.9%	
TensorFlow Lite - Inception V4 (us)		62429	
Standard Deviation		0.6%	
TensorFlow Lite - NASNet Mobile (us)		11569	
Standard Deviation		1.1%	
TensorFlow Lite - Mobilenet Float (us)		3019	
Standard Deviation		0.8%	
TensorFlow Lite - Mobilenet Quant (us)		5578	
Standard Deviation		0.6%	
TensorFlow Lite - I.R.V (us)		56827	
Standard Deviation		0.6%	
Blender - BMW27 - CPU-Only (sec)	175.52		
Standard Deviation	0.4%		

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7-Zip Compression 21.06

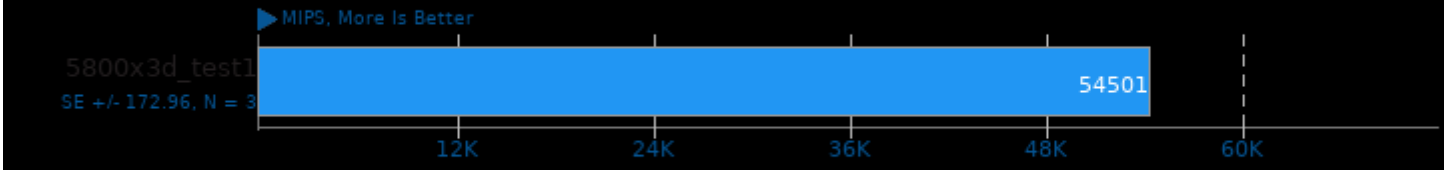
Test: Compression Rating



1. (CXX) g++ options: -lpthread -ldl -O2 -fPIC

7-Zip Compression 21.06

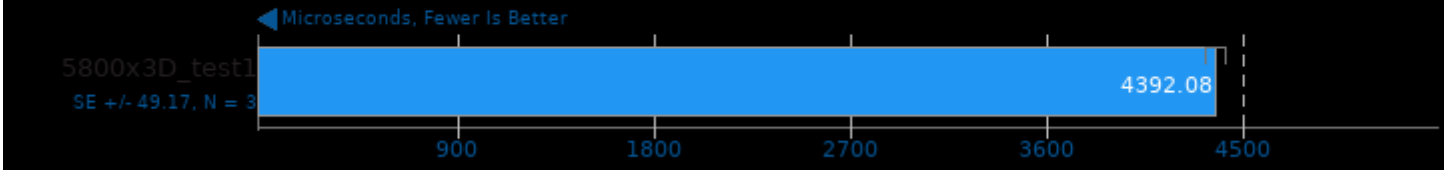
Test: Decompression Rating



1. (CXX) g++ options: -lpthread -ldl -O2 -fPIC

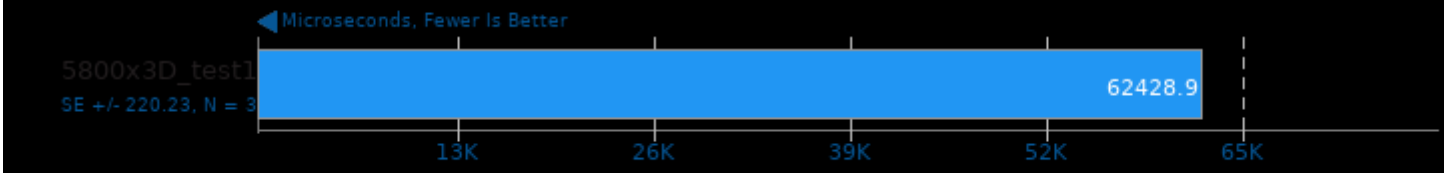
TensorFlow Lite 2022-05-18

Model: SqueezeNet



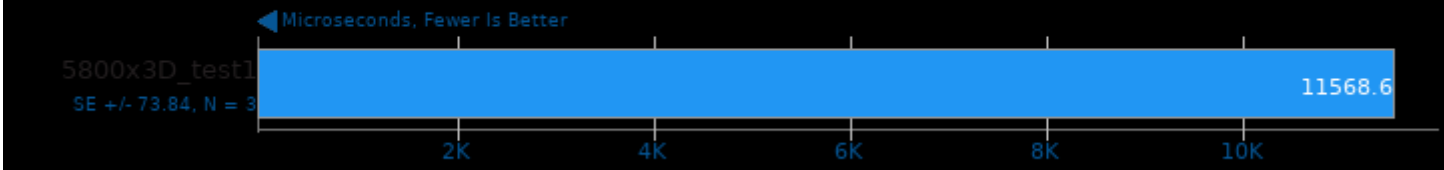
TensorFlow Lite 2022-05-18

Model: Inception V4

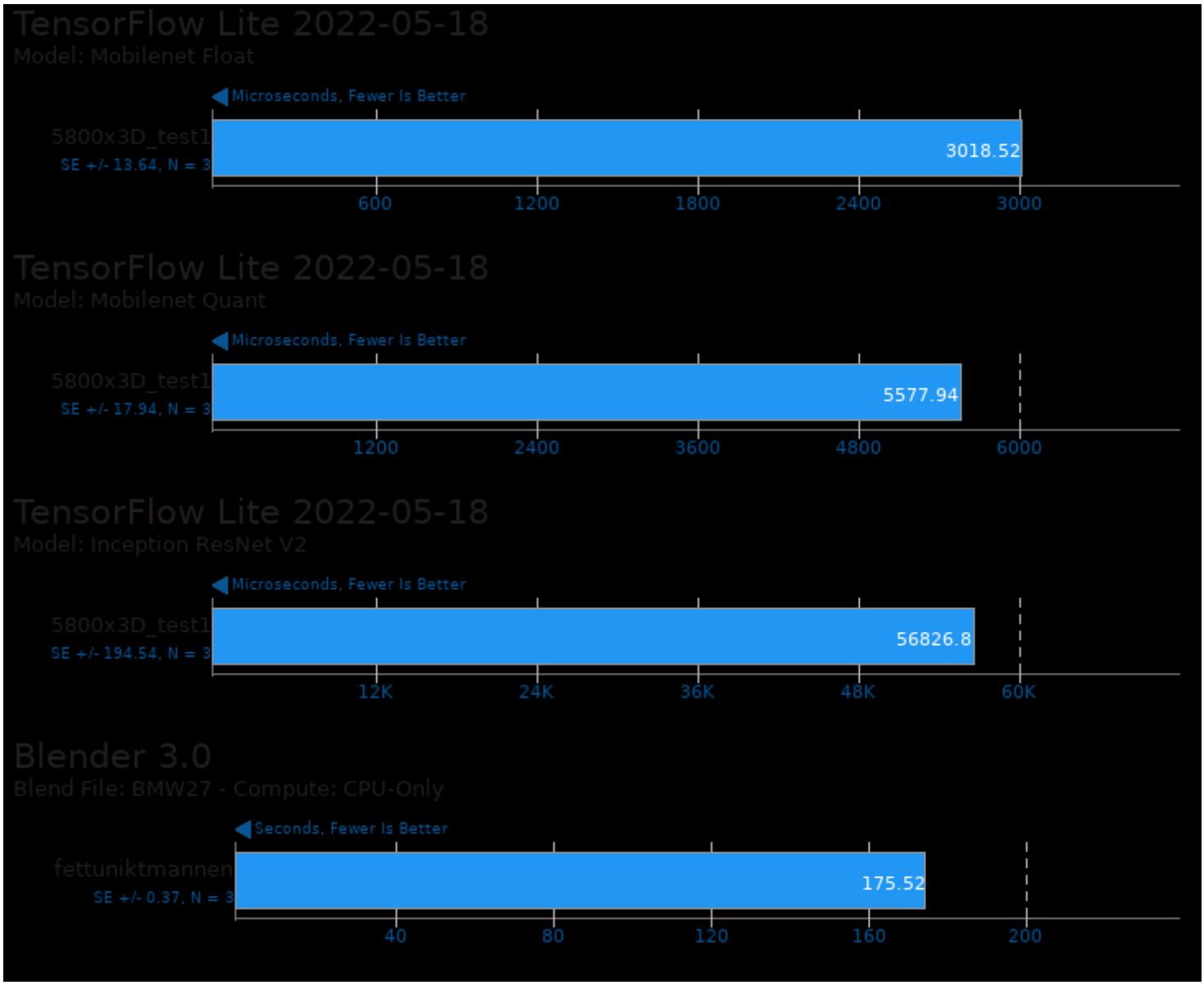


TensorFlow Lite 2022-05-18

Model: NASNet Mobile



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