



www.phoronix-test-suite.com

terminaltest

AMD GX-420GI Dual Channel

Automated Executive Summary

AMD GX-420CA SOC had the most wins, coming in first place for 64% of the tests.

Test Systems:

AMD G-T56N - AMD Radeon HD 6320 - HP 17E2 (K30 v01.20)

AMD G-T56N

Processor: AMD G-T56N @ 1.65GHz (2 Cores), Motherboard: HP 17E2 (K30 v01.20 BIOS), Chipset: AMD 14h Root Complex, Memory: 2 x GB DDR3-800MT/s, Disk: 120GB SSDPR-CL100-120-, Graphics: AMD Radeon HD 6320, Audio: AMD Wrestler HDMI Audio, Network: Broadcom NetLink BCM57781 PCIe

OS: Debian 11, Kernel: 5.10.0-18-amd64 (x86_64), Vulkan: 1.0.2, Compiler: GCC 10.2.1 20210110, File-System: ext4,

Screen Resolution: 640x480

Kernel Notes: Transparent Huge Pages: always
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++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-Km9U7s/gcc-10-10.2.1/debian/tmp-nvptx/usr,amdgn-amdhsa=/build/gcc-10-Km9U7s/gcc-10-10.2.1/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-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 schedutil - CPU Microcode: 0x5000010d
Security Notes: itlb_multithit: Not affected + I1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + rebleed: Not affected + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines STIBP: disabled RSB filling PBRSB-eIERS: Not affected + srbds: Not affected + tsx_async_abort: Not affected

AMD G-T52R - AMD Radeon HD 6310 - Inventec Z CLASS

AMD G-T52R

Processor: AMD G-T52R (1 Core), Motherboard: Inventec Z CLASS (1.0F BIOS), Chipset: AMD 14h Root Complex, Memory: 1 x 2 GB DDR3-1333MT/s 37352E4138334331, Disk: 120GB SSDPR-CL100-120-, Graphics: AMD Radeon HD 6310, Audio: AMD Wrestler HDMI Audio, Network: Realtek RTL8111/8168/8411 + Qualcomm Atheros AR93xx

OS: Debian 11, Kernel: 5.10.0-18-amd64 (x86_64), Vulkan: 1.0.2, Compiler: GCC 10.2.1 20210110, File-System: ext4, Screen Resolution: 1024x768

Kernel Notes: Transparent Huge Pages: always
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++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-Km9U7s/gcc-10-10.2.1/debian/tmp-nvptx/usr,amdgn-amdhsa=/build/gcc-10-Km9U7s/gcc-10-10.2.1/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-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: CPU Microcode: 0x5000028
Security Notes: itlb_multithit: Not affected + I1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + rebleed: Not affected + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines STIBP: disabled RSB filling PBRSB-eIERS: Not affected + srbds: Not affected + tsx_async_abort: Not affected

AMD G-T48E - AMD Radeon HD 6250 - Inventec D CLASS

AMD G-T48E

Processor: AMD G-T48E (2 Cores), Motherboard: Inventec D CLASS (3.0E BIOS), Chipset: AMD 14h Root Complex, Memory: 1 x 4 GB DDR3-1600MT/s 4B4E574D58312D45, Disk: 120GB SSDPR-CL100-120-, Graphics: AMD Radeon HD 6250, Audio: AMD Wrestler HDMI Audio, Network: Realtek RTL8111/8168/8411

OS: Debian 11, Kernel: 5.10.0-18-amd64 (x86_64), Vulkan: 1.0.2, Compiler: GCC 10.2.1 20210110, File-System: ext4, Screen Resolution: 1024x768

Kernel Notes: Transparent Huge Pages: always
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++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-Km9U7s/gcc-10-10.2.1/debian/tmp-nvptx/usr,amdgn-amdhsa=/build/gcc-10-Km9U7s/gcc-10-10.2.1/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-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: CPU Microcode: 0x5000010d
Security Notes: itlb_multithit: Not affected + I1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + rebleed: Not affected + spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines STIBP: disabled RSB filling PBRSB-eIERS: Not affected + srbds: Not affected + tsx_async_abort: Not affected

AMD GX-217GA SOC - AMD Radeon HD 8280E - HP 2187 (L40)

AMD GX-217GA SOC

Processor: AMD GX-217GA SOC @ 1.65GHz (2 Cores), Motherboard: HP 2187 (L40 v02.10 BIOS), Chipset: AMD 16h Root Complex, Memory: 2 x GB DDR3-1600MT/s, Disk: 128GB SSSTC CV8-8E128-, Graphics: AMD Radeon HD 8280E, Audio: AMD Kabini HDMI/DP, Network: Realtek RTL8111/8168/8411

OS: Debian 11, Kernel: 5.10.0-18-amd64 (x86_64), Vulkan: 1.0.2, Compiler: GCC 10.2.1 20210110, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: always
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++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-Km9U7s/gcc-10-10.2.1/debian/tmp-nvptx/usr,amdgn-amdhsa=/build/gcc-10-Km9U7s/gcc-10-10.2.1/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-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 schedutil - CPU Microcode: 0x700010b
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + rebleed: Mitigation of untrained return thunk; SMT disabled + 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 Retpolines STIBP: disabled RSB filling PBRSB-eIERS: Not affected + srbds: Not affected + tsx_async_abort: Not affected

AMD GX-420CA SOC - AMD Radeon HD 8400E - HP 213D (L40)

AMD GX-420CA SOC

Processor: AMD GX-420CA SOC @ 2.00GHz (4 Cores), Motherboard: HP 213D (L40 v2.05 BIOS), Chipset: AMD 16h Root Complex, Memory: 2 x GB DDR3-1600MT/s HMT425S6CFR6A-PB, Disk: 128GB SSSTC CV8-8E128-, Graphics: AMD Radeon HD 8400E, Audio: AMD Kabini HDMI/DP, Network: Realtek RTL8111/8168/8411

OS: Debian 11, Kernel: 5.10.0-18-amd64 (x86_64), Vulkan: 1.0.2, Compiler: GCC 10.2.1 20210110, File-System: ext4, Screen Resolution: 1920x1080

Kernel Notes: Transparent Huge Pages: always
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++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-10-Km9U7s/gcc-10-10.2.1/debian/tmp-nvptx/usr,amdgn-amdhsa=/build/gcc-10-Km9U7s/gcc-10-10.2.1/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-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 schedutil - CPU Microcode: 0x700010b
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + rebleed: Mitigation of untrained return thunk; SMT disabled + 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 Retpolines STIBP: disabled RSB filling PBRSB-eIERS: Not affected + srbds: Not affected + tsx_async_abort: Not affected

AMD Embedded G GX-420GI Radeon R7E - AMD Radeon

AMD Embedded G GX-420GI Radeon R7E

Processor: AMD Embedded G GX-420GI Radeon R7E @ 2.00GHz (2 Cores / 4 Threads), Motherboard: HP 8158 (M40 v01.09 BIOS), Chipset: AMD 15h, Memory: 1 x 8 GB DDR4-1866MT/s HMA81GS6AFR8N-UH, Disk: 128GB SSSTC CV8-8E128-, Graphics: AMD Radeon R5/R6/R7, Audio: AMD Kabini HDMI/DP, Network: Realtek RTL8111/8168/8411 + Intel 8260

OS: Debian 11, Kernel: 5.10.0-18-amd64 (x86_64), Vulkan: 1.0.2, Compiler: GCC 10.2.1 20210110, File-System: ext4, Screen Resolution: 800x600

Kernel Notes: Transparent Huge Pages: always
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++,m2      --enable-libphobos-checking=release      --enable-libstdcxx-debug
--enable-libstdcxx-time=yes      --enable-link-mutex      --enable-multiarch      --enable-multilib      --enable-nls      --enable-objc-gc=auto
--enable-offload-targets=nvptx-none=/build/gcc-10-Km9U7s/gcc-10-10.2.1/debian/tmp-nvptx/usr,amdgn-amdhsa=/build/gcc-10-Km9U7s/gcc-10-10.2.1/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-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 schedutil (Boost: Enabled) - CPU Microcode: 0x600611a
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + rebleed: Mitigation of untrained return thunk; SMT vulnerable + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines IPBP: conditional STIBP: disabled RSB filling PBRSB-eIBRS: Not affected + srbd: Not affected + tsx_async_abort: Not affected
```

AMD GX-420GI Dual Channel

Processor: AMD Embedded G GX-420GI Radeon R7E @ 2.00GHz (2 Cores / 4 Threads), Motherboard: HP 8158 (M40 v01.09 BIOS), Chipset: AMD 15h, Memory: 2 x 4 GB DDR4-1866MT/s Samsung M471A5244CB0-CRC, Disk: 128GB SSSTC CV8-8E128-, Graphics: AMD Radeon R5/R6/R7, Audio: AMD Kabini HDMI/DP, Network: Realtek RTL8111/8168/8411 + Intel 8260

OS: Debian 11, Kernel: 5.10.0-18-amd64 (x86_64), Vulkan: 1.0.2, Compiler: GCC 10.2.1 20210110, File-System: ext4, Screen Resolution: 1920x1080

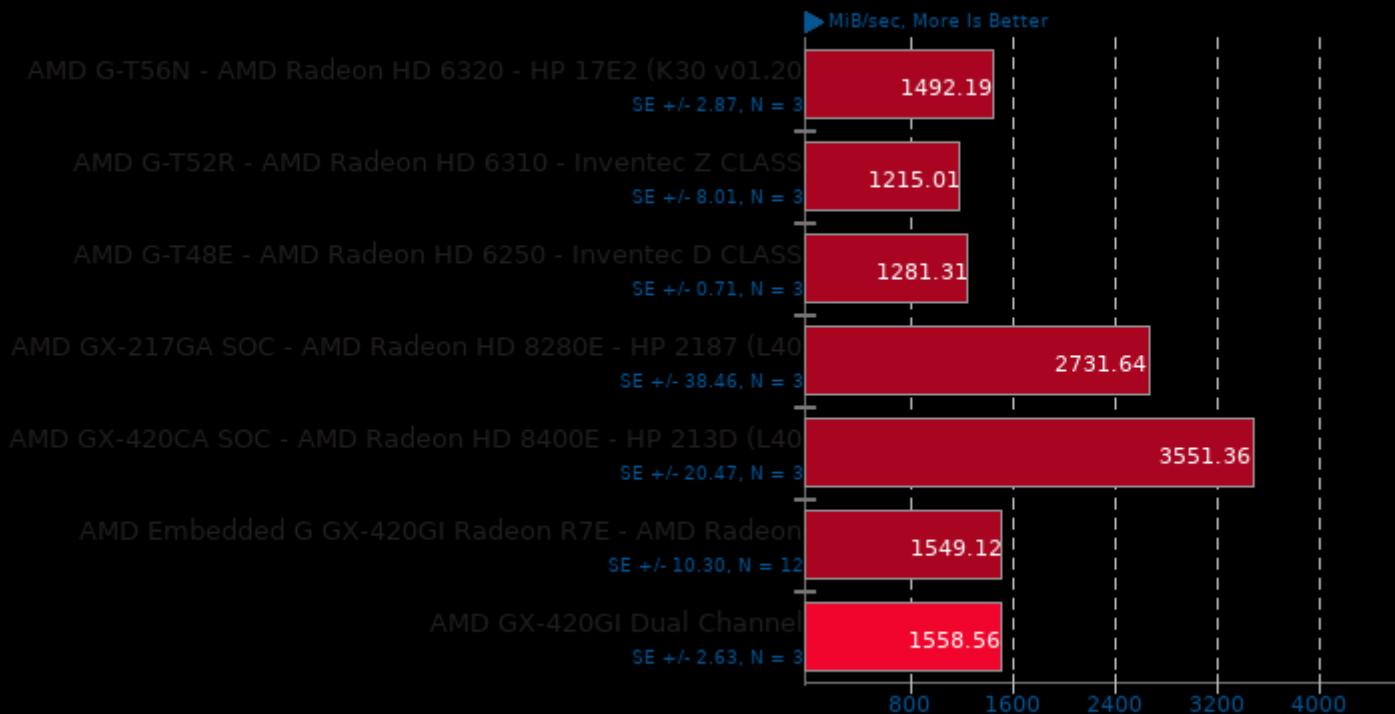
```
Kernel Notes: Transparent Huge Pages: always
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie
--enable-gnu-unique-object      --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2      --enable-libphobos-checking=release      --enable-libstdcxx-debug
--enable-libstdcxx-time=yes      --enable-link-mutex      --enable-multiarch      --enable-multilib      --enable-nls      --enable-objc-gc=auto
--enable-offload-targets=nvptx-none=/build/gcc-10-Km9U7s/gcc-10-10.2.1/debian/tmp-nvptx/usr,amdgn-amdhsa=/build/gcc-10-Km9U7s/gcc-10-10.2.1/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-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 schedutil (Boost: Enabled) - CPU Microcode: 0x600611a
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + rebleed: Mitigation of untrained return thunk; SMT vulnerable + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines IPBP: conditional STIBP: disabled RSB filling PBRSB-eIBRS: Not affected + srbd: Not affected + tsx_async_abort: Not affected
```

	AMD G-T56	AMD G-T56	AMD G-T52	AMD G-T52	AMD G-T48	AMD G-T48	AMD GX-217	AMD GX-217	AMD GX-420	AMD GX-420	AMD Embed	AMD Embed	AMD GX-420
N -	N	R -	R	E -	E	GA	GA	CA	CA	ded G	ded G	GI	
AMD		AMD		AMD		SOC -	SOC	SOC -	SOC	GI	GI	Chann	Dual
Radeon		Radeon		Radeon		AMD		AMD		GI	GI		
HD		HD		HD		Radeon		Radeon		Radeon	Radeon		el
6320	-	6310	-	6250	-	n HD		n HD		n R7E	-	n R7E	
HP		Invent		Invent		8280E		8400E		AMD			
17E2		ec Z		ec D		- HP		- HP		Radeon			
(K30		CLASS		CLASS		2187		213D		n			
v01.20						(L40		(L40					
Sysbench -	1492	1215			1281		2732		3551		1549		1559
RAM / Memory													
(MiB/sec)													
Normalized	42.02%		34.21%		36.08%		76.92%		100%		43.62%		43.89%
Standard Deviation	0.3%		1.1%		0.1%		2.4%		1%		2.3%		0.3%
Sysbench -	328.72	149.73			279.83		1563		3790		2813		2803
CPU													
Normalized	8.67%		3.95%		7.38%		41.24%		100%		74.23%		73.97%
Standard Deviation	0%		0%		0%		0%		0%		0.3%		0.8%
SQLite	471.44	663.01			563.24		436.23		348.85		267.30		258.05
Speedtest -	9	4			4		9		8		4		2
Timed Time -													
Size 1,000 (sec)													
Normalized	54.74%		38.92%		45.82%		59.15%		73.97%		96.54%		100%
Standard Deviation	0.5%		0.6%		0.8%		0.3%		0.3%		0.6%		1.5%
7-Zip	2855	1522			2449		2684		5923		5799		5897
Compression -													
Compression													
Rating (MIPS)													
Normalized	48.2%		25.7%		41.35%		45.31%		100%		97.91%		99.56%
Standard Deviation	0.1%		0.5%		0.3%		0.1%		0.1%		0.8%		0.2%
7-Zip	3097	1402			2646		3007		7170		4984		4880
Compression -													
D.R (MIPS)													
Normalized	43.19%		19.55%		36.9%		41.94%		100%		69.51%		68.06%
Standard Deviation	0.1%		0.1%		0.1%		0.1%		0%		0.8%		1.1%
FLAC Audio	255.46		282.97		299.74		127.58		105.47		83.113		84.111
Encoding -	0		4		4		8		7				
WAV To FLAC													
Normalized	32.53%		29.37%		27.73%		65.14%		78.8%		100%		98.81%
Standard Deviation	0.2%		0.5%		0.3%		0.4%		0.6%		0.5%		0.3%
LAME MP3	46.394		52.257		54.360		36.248		29.897		26.054		26.397
Encoding -													
WAV To MP3													
Normalized	56.16%		49.86%		47.93%		71.88%		87.15%		100%		98.7%
Standard Deviation	0.3%		1.4%		0.8%		1.7%		2.3%		1.9%		2.3%

FFmpeg - H.2.H.T.N.D	62.373	136.37 7	73.083	47.103	21.414	24.844
Normalized Standard Deviation	34.33% 0.6%	15.7% 1%	29.3% 1.7%	45.46% 1.6%	100% 2.3%	86.19% 2.5%
OpenSSL - SHA256	839196	370328 37	716784	127693	311975 373	283117 223
Normalized Standard Deviation	26.9% 0.2%	11.87% 0.6%	22.98% 0.3%	40.93% 1.6%	100% 1.1%	90.75% 1%
OpenSSL - RSA4096 (sign/s)	64.7	29.5	55.1	63.8	154.6	135.2
Normalized Standard Deviation	41.85% 0.1%	19.08% 0.2%	35.64% 0%	41.27% 0.1%	100% 0.1%	87.45% 0.3%
OpenSSL - RSA4096 (verify/s)	4428	2012	3770	4311	10451	8856
Normalized Standard Deviation	42.37% 0%	19.25% 0.1%	36.07% 0%	41.25% 0.1%	100% 0.1%	84.74% 0.1%
POV-Ray - Trace Time	1698	4280	1990	1497	617.84 4	861.73 9
Normalized Standard Deviation	36.38% 0.3%	14.44% 0.2%	31.04% 0.4%	41.29% 0.2%	100% 0.5%	71.7% 2.8%
x264 - Bosphorus 4K (FPS)	0.56	0.24	0.5	0.88	2.09	1.77
Normalized Standard Deviation	26.79% 1%	11.48% 2.4%	23.92% 0%	42.11% 0%	100% 0.6%	84.69% 1.5%
x264 - Bosphorus 1080p (FPS)	2.43	0.98	2.07	3.84	8.88	7.52
Normalized Standard Deviation	27.36% 0.6%	11.04% 0%	23.31% 0.6%	43.24% 0.7%	100% 0.8%	84.68% 2.2%

Sysbench 1.0.20

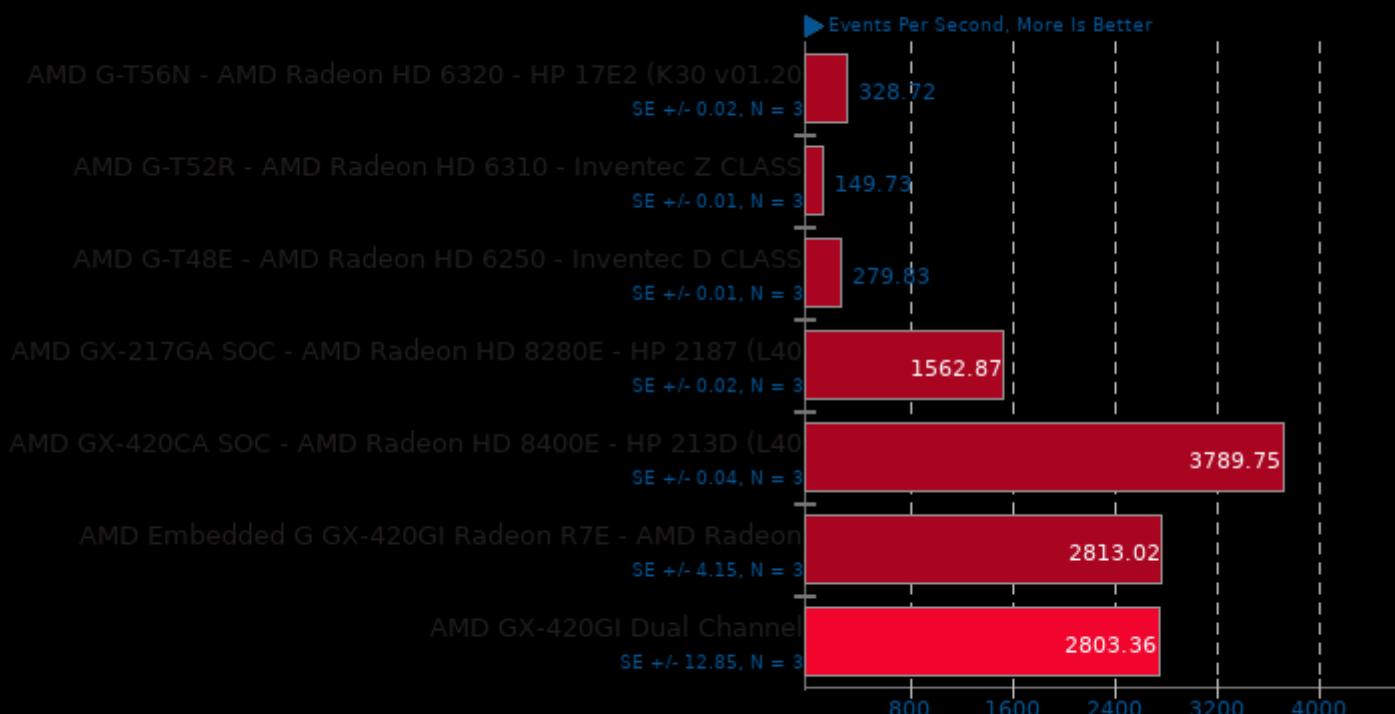
Test: RAM / Memory



1. (CC) gcc options: -pthread -O2 -funroll-loops -rdynamic -ldl -lao -lm

Sysbench 1.0.20

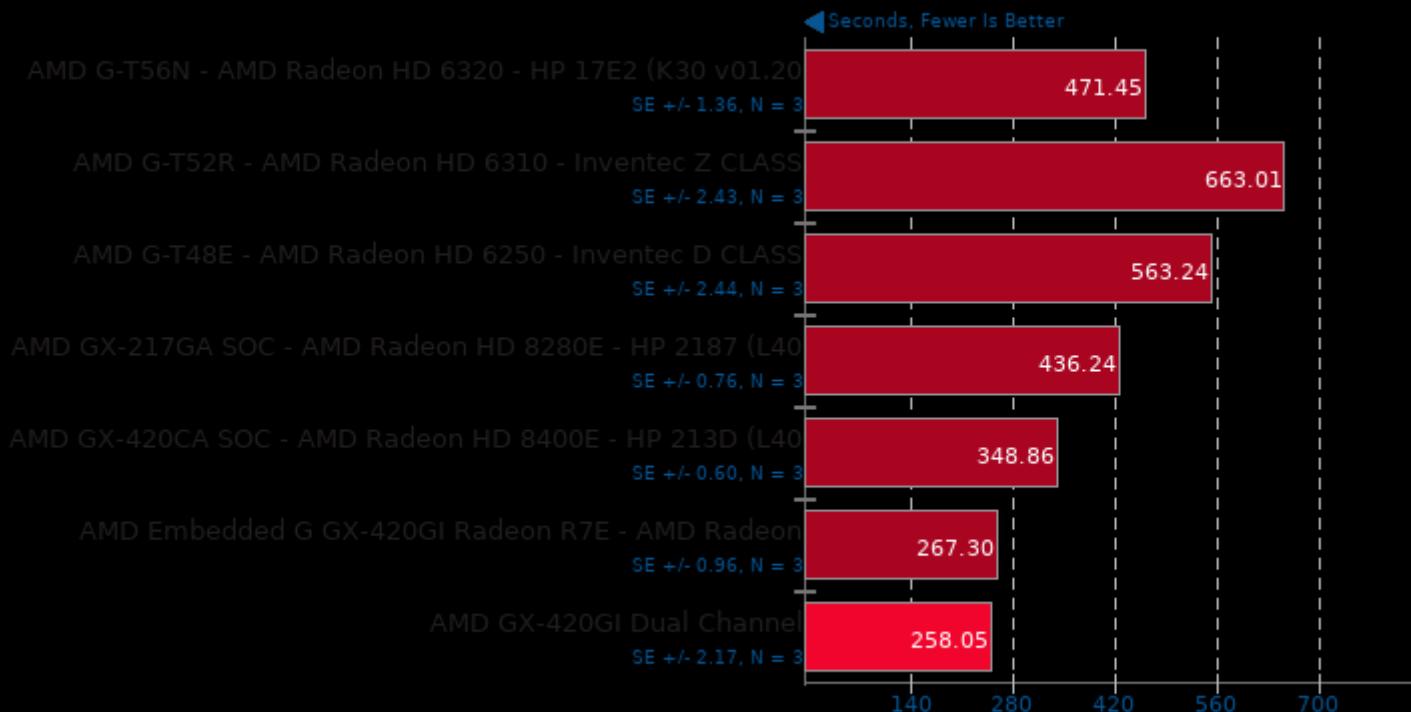
Test: CPU



1. (CC) gcc options: -pthread -O2 -funroll-loops -rdynamic -ldl -lao -lm

SQLite Speedtest 3.30

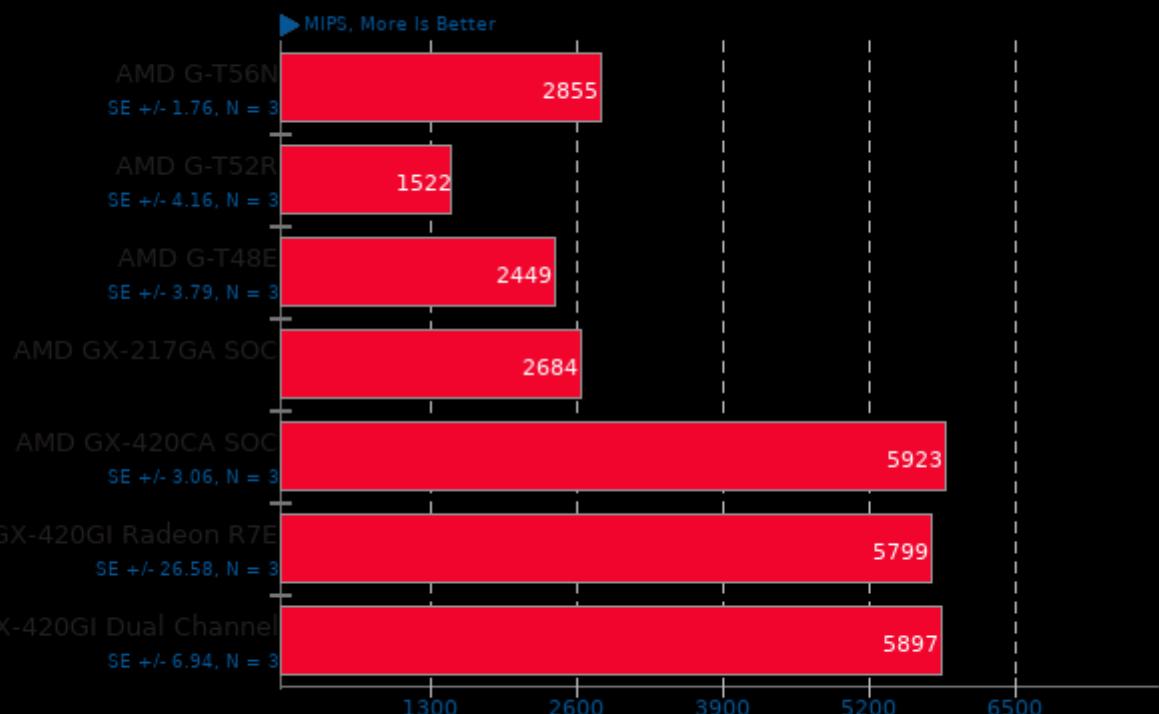
Timed Time - Size 1,000



1. (CC) gcc options: -O2 -ldl -lpthread

7-Zip Compression 22.01

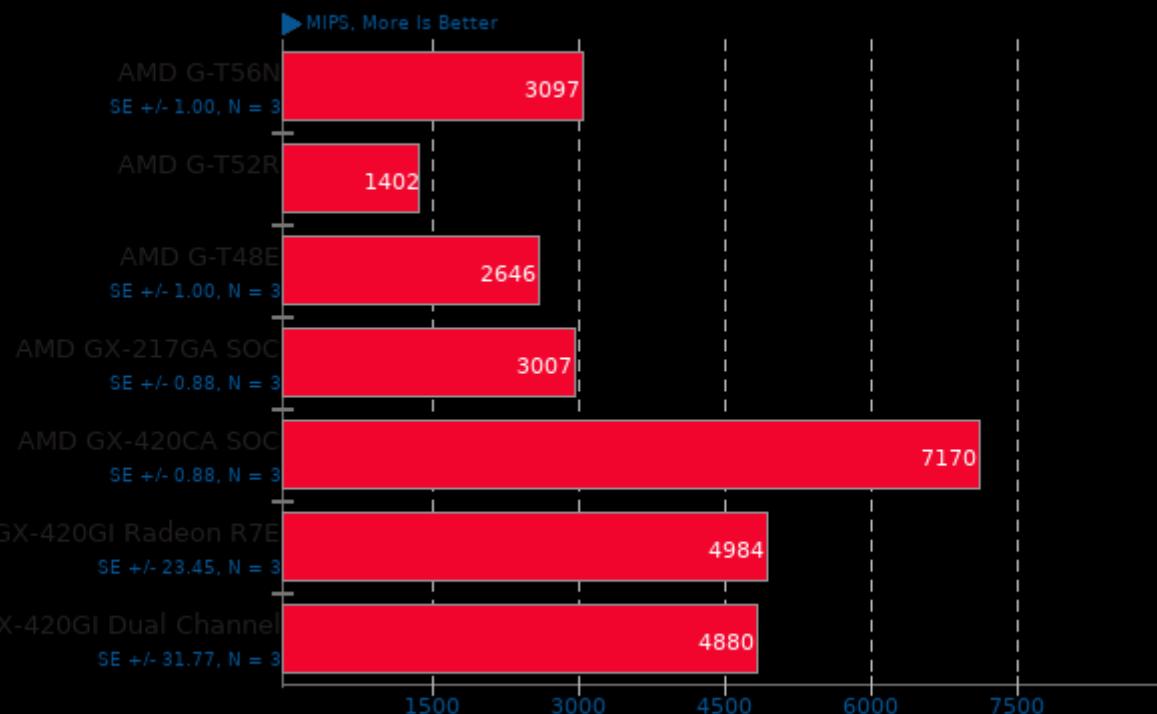
Test: Compression Rating



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

7-Zip Compression 22.01

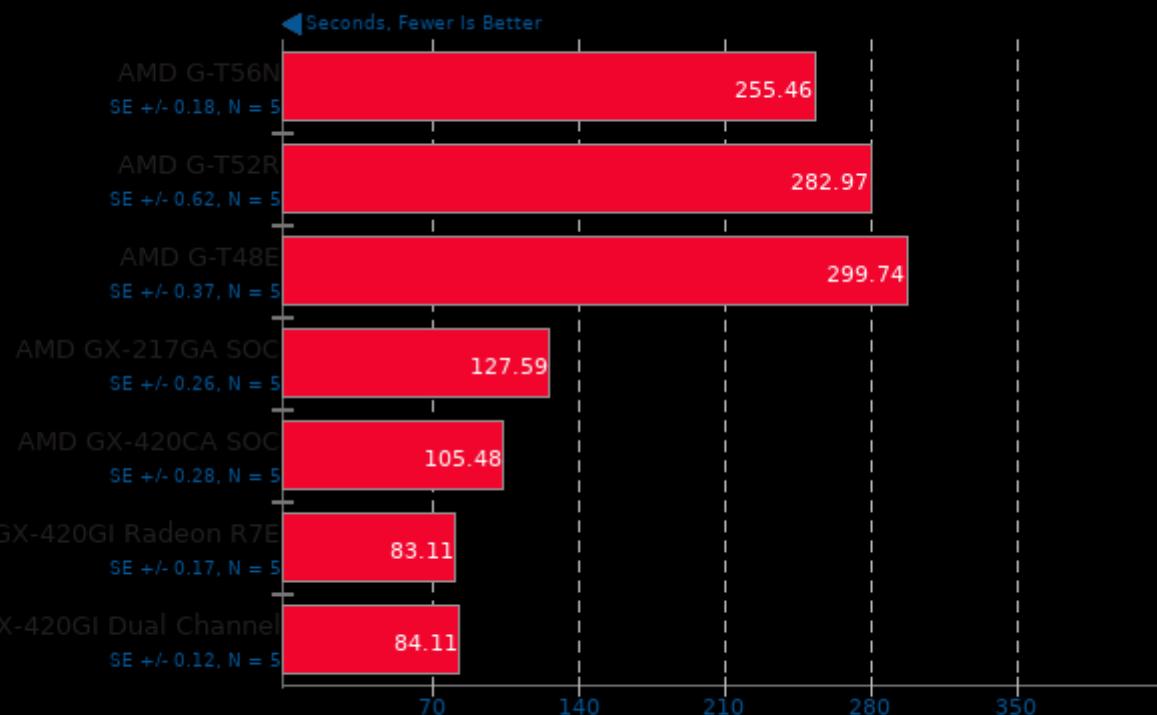
Test: Decompression Rating



1. (CXX) g++ options: -fthread -fO2 -fPIC

FLAC Audio Encoding 1.4

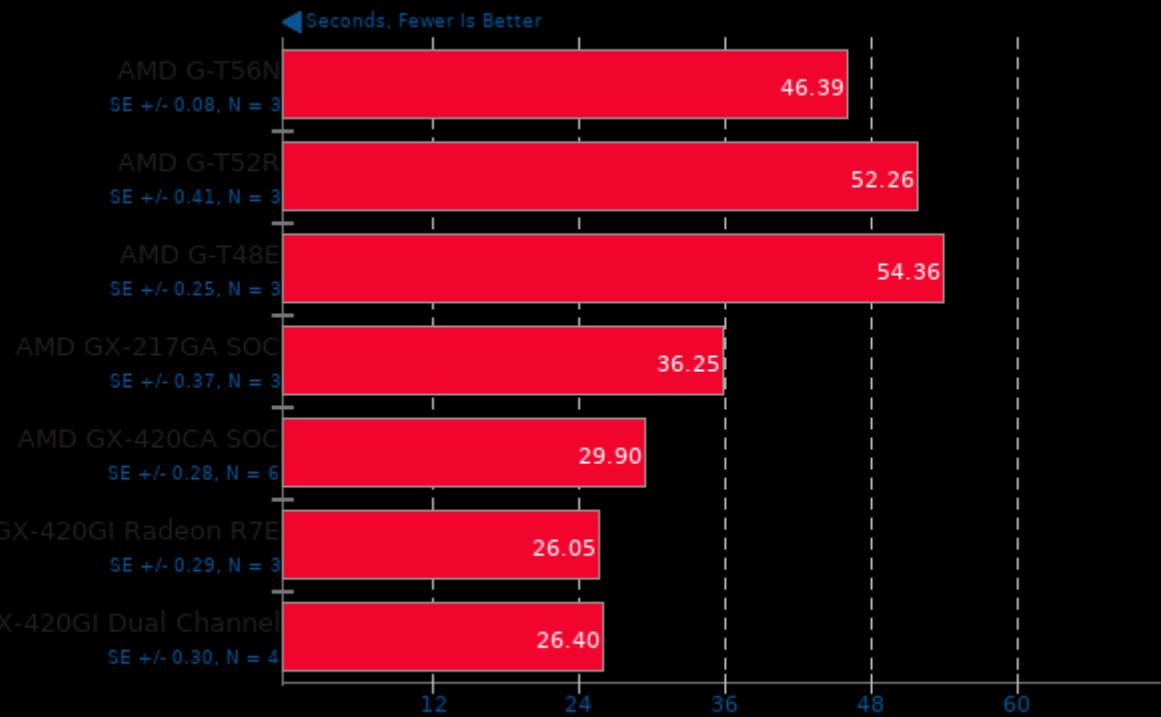
WAV To FLAC



1. (CXX) g++ options: -O3 -fvisibility=hidden -flog -fim

LAME MP3 Encoding 3.100

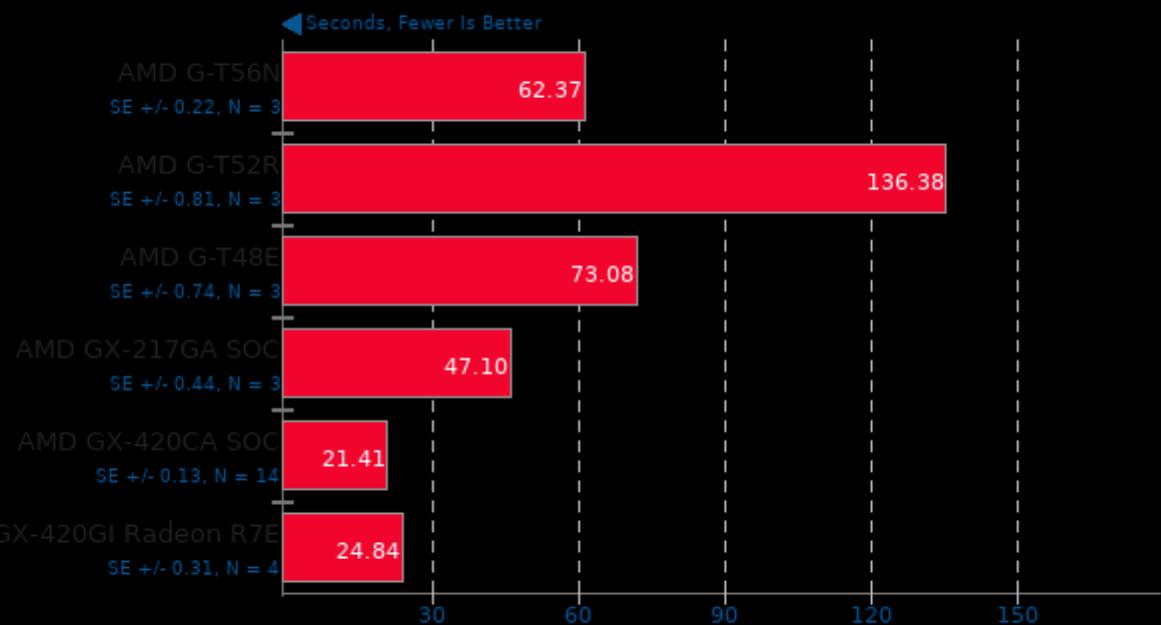
WAV To MP3



1. (CC) gcc options: -O3 -ffast-math -funroll-loops -fschedule-insns2 -fbranch-count-reg -fforce-addr -pipe -lm

FFmpeg 4.0.2

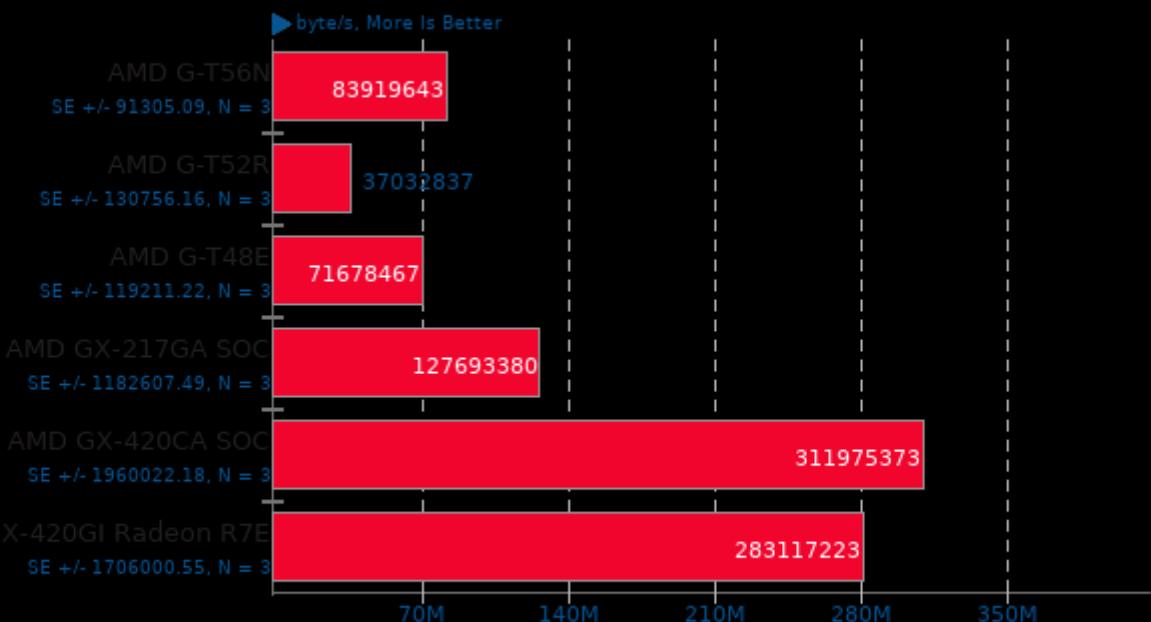
H.264 HD To NTSC DV



1. (CC) gcc options: -lavdevice -lavfilter -lavformat -lavcodec -lswresample -lswscale -lavutil -lm -pthread -std=c11 -fomit-frame-pointer -fPIC -O3 -fno-math-errno

OpenSSL 3.0

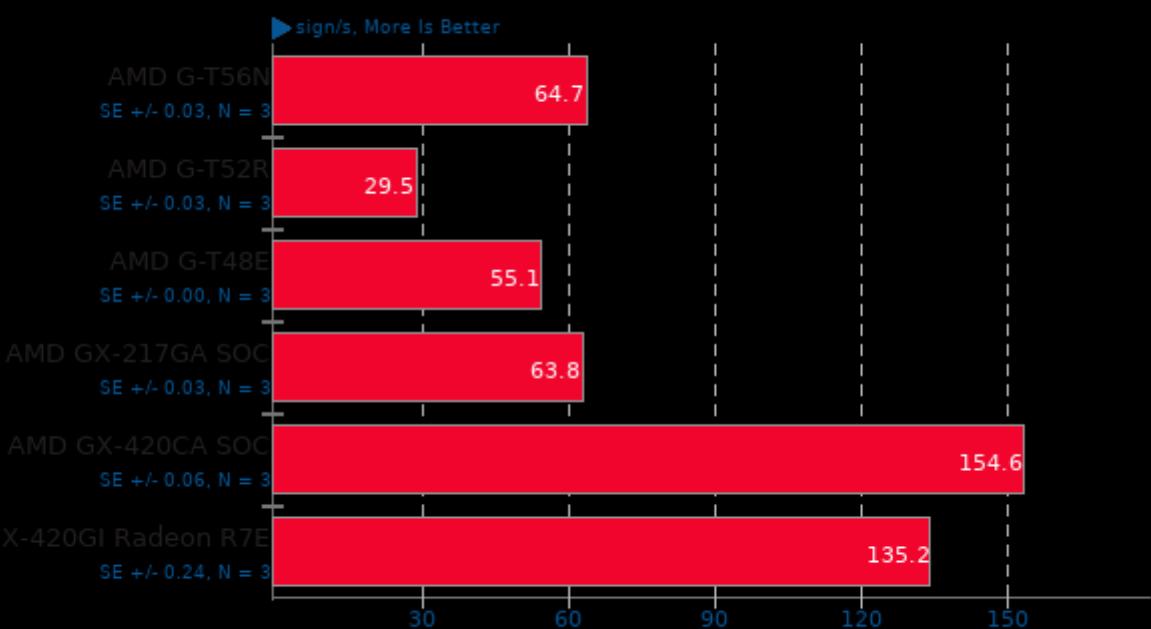
Algorithm: SHA256



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

OpenSSL 3.0

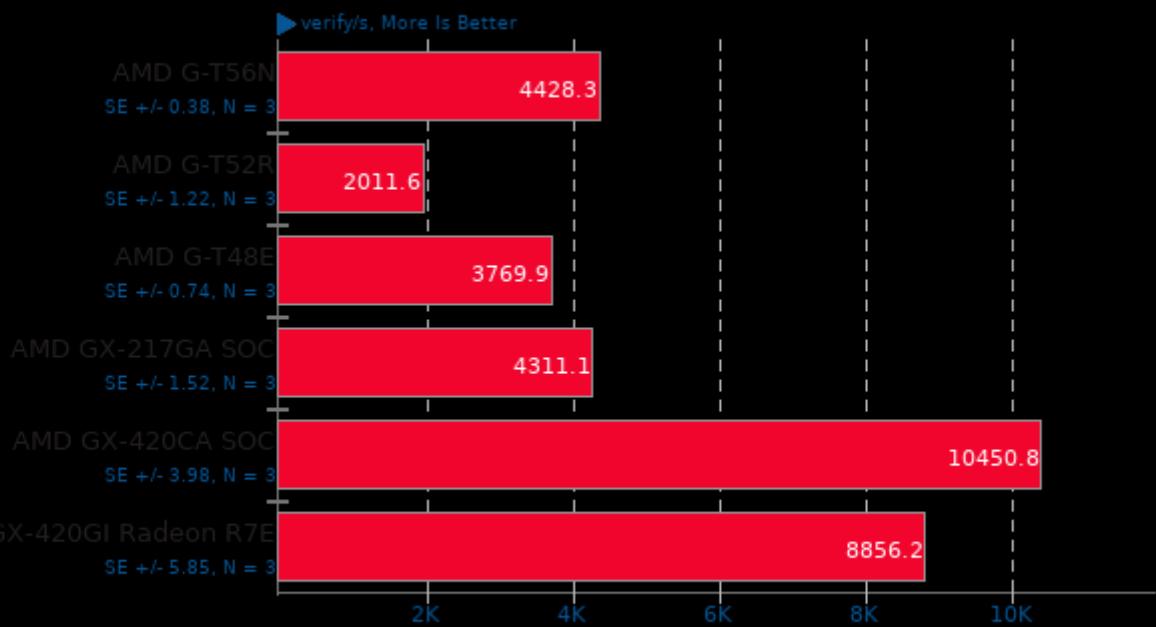
Algorithm: RSA4096



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

OpenSSL 3.0

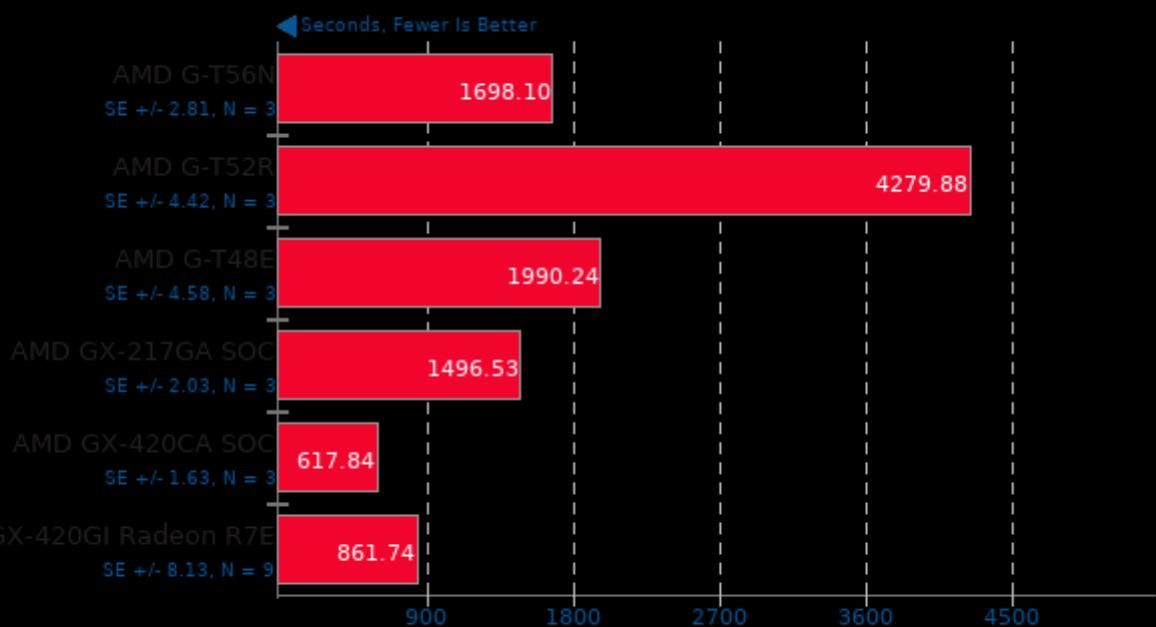
Algorithm: RSA4096



1. (CC) gcc options: -pthread -m64 -O3 -lssl -lcrypto -ldl

POV-Ray 3.7.0.7

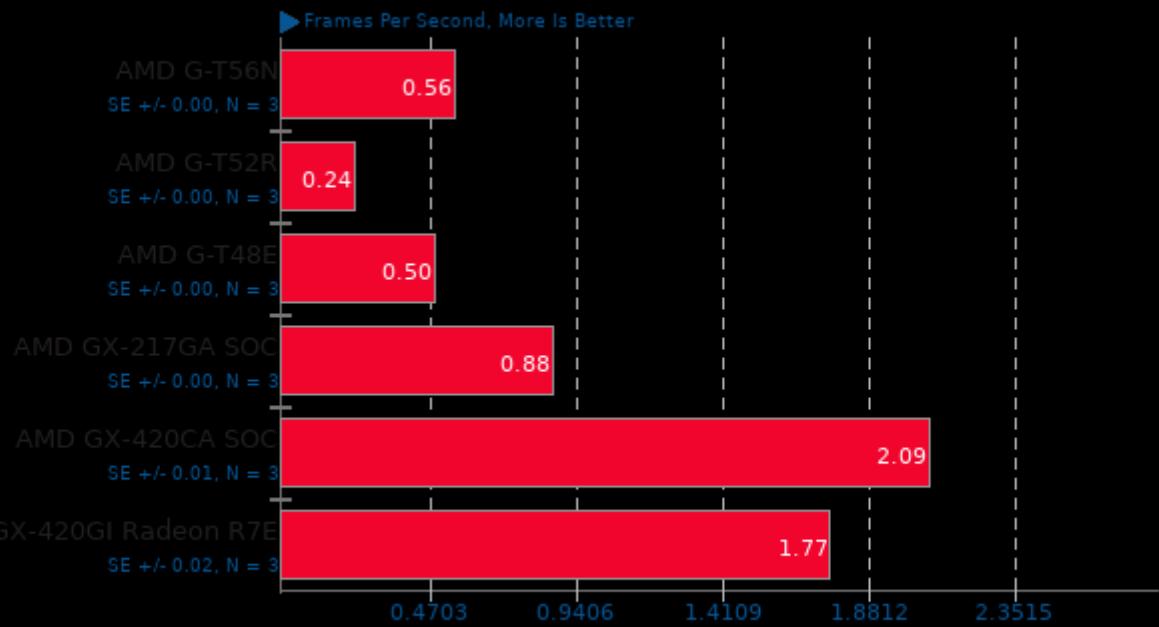
Trace Time



1. (CXX) g++ options: -pipe -O3 -ffast-math -march=native -pthread -ltiff -jpeg -lpng -lz -lrt -lm -lboost_thread -lboost_system

x264 2022-02-22

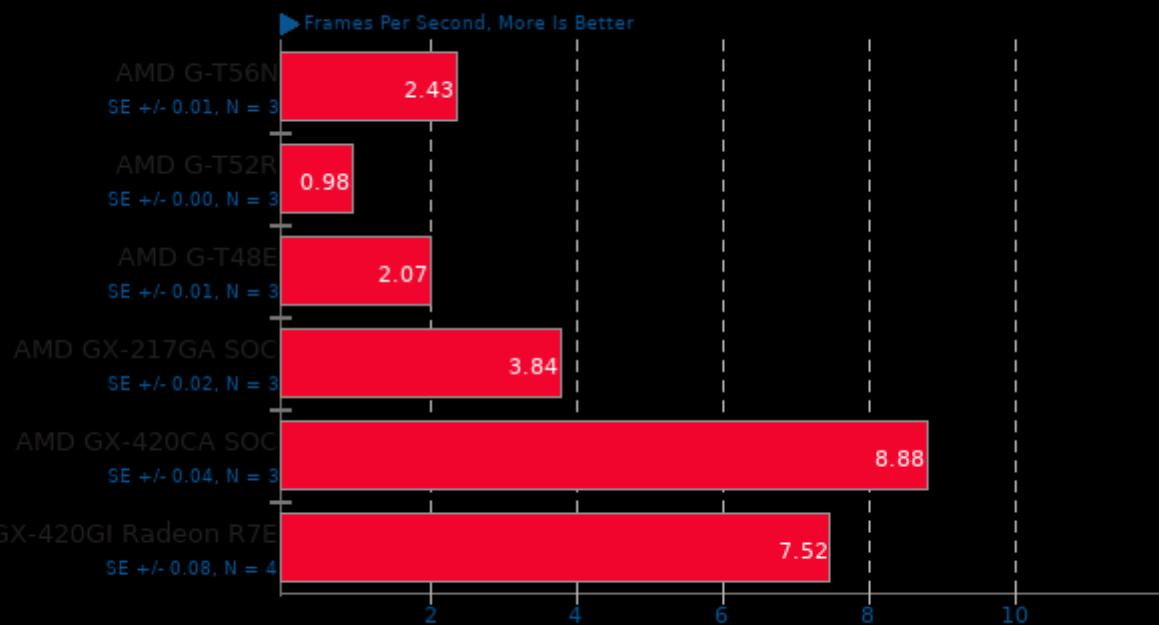
Video Input: Bosphorus 4K



1. (CC) gcc options: -ldl -m64 -lm -lpthread -O3 -fno

x264 2022-02-22

Video Input: Bosphorus 1080p



1. (CC) gcc options: -ldl -m64 -lm -lpthread -O3 -fno

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 15:49.