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benchmarks

Intel Core i7-1165G7 testing with a Framework FRANBMCP0B (03.06 BIOS) and Intel TigerLake-LP GT2 [Iris Xe] on Pop 21.10 via the Phoronix Test Suite.

Test Systems:

bm1

Processor: Intel Core i7-1165G7 @ 4.70GHz (4 Cores / 8 Threads), Motherboard: Framework FRANBMCP0B (03.06 BIOS), Chipset: Intel Tiger Lake-LP, Memory: 16GB, Disk: 500GB Western Digital WDS500G1X0E-00AFY0, Graphics: Intel TigerLake-LP GT2 [Iris Xe] (1300MHz), Audio: IDT 92HD95, Network: Intel Wi-Fi 6 AX210/AX211/AX411

OS: Pop 21.10, Kernel: 5.15.11-76051511-generic (x86_64), Desktop: GNOME Shell 40.5, Display Server: X Server 1.20.13, Vulkan: 1.2.182, Compiler: GCC 11.2.0, File-System: ext4, Screen Resolution: 2256x1504

Kernel Notes: Transparent Huge Pages: madvise
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-ZPT0kp/gcc-11-11.2.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-11-ZPT0kp/gcc-11-11.2.0/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: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0x88 - Thermald 2.4.6
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 Enhanced IBRS IBPB: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

bm2

gpu1

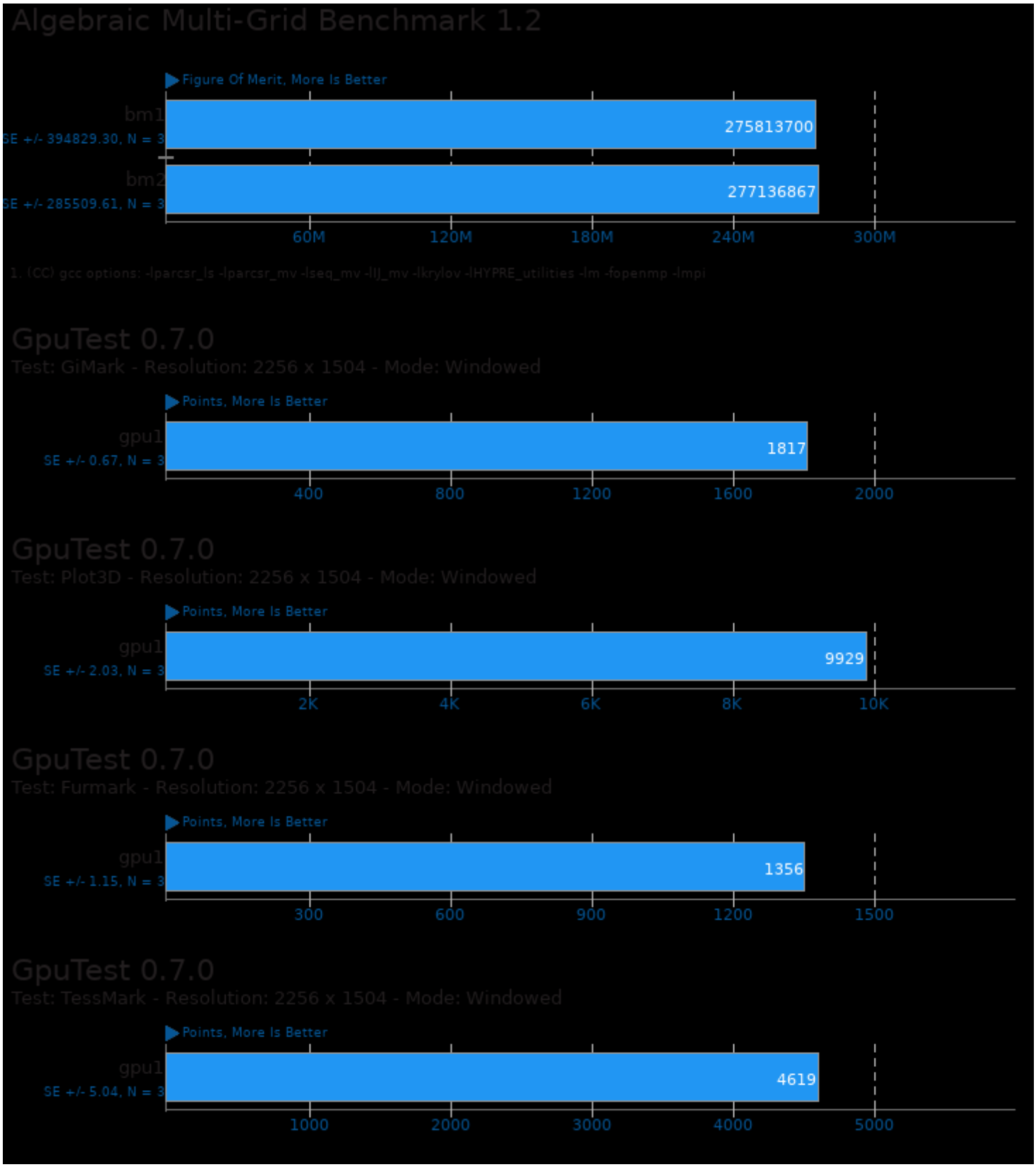
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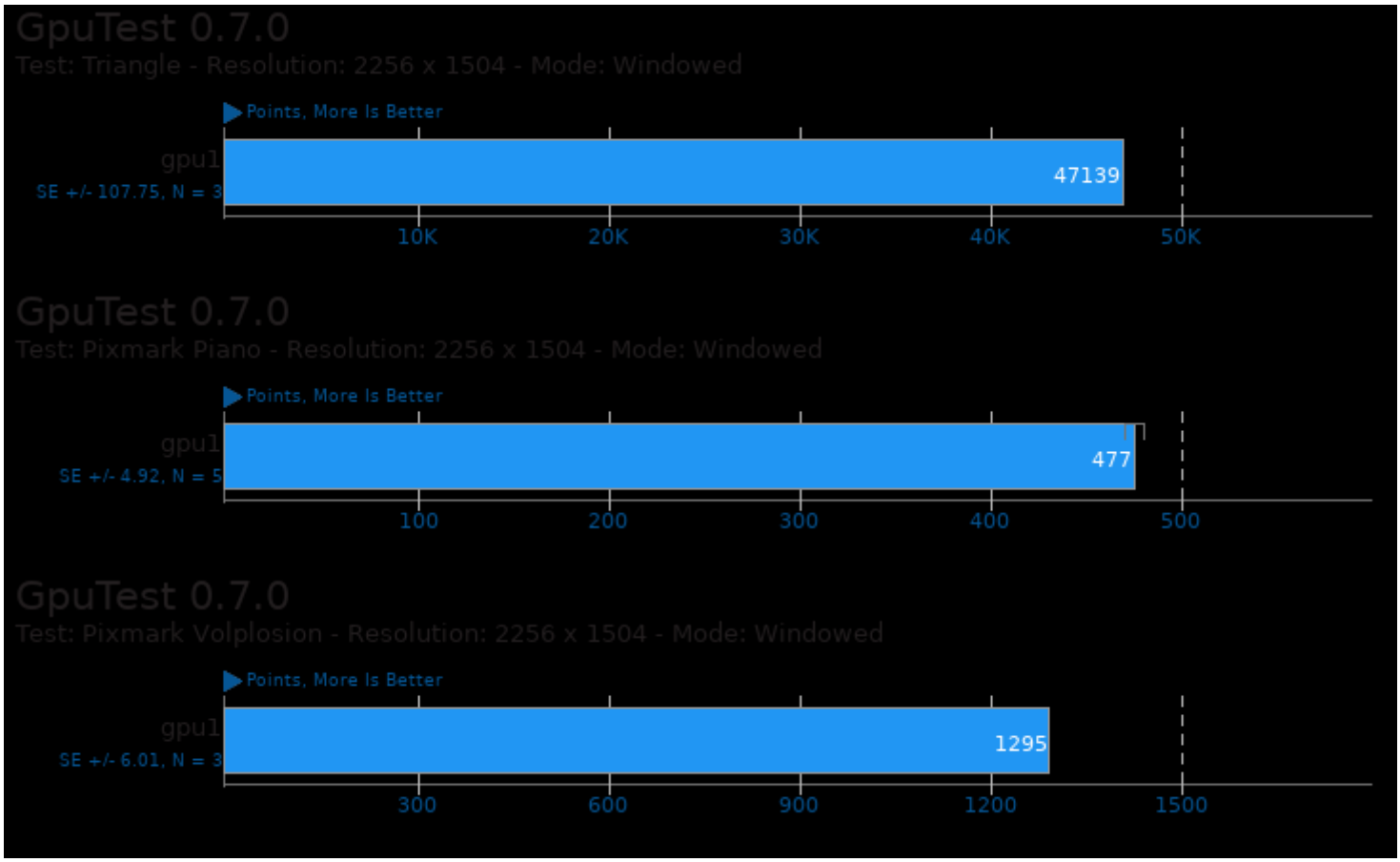
OS: Pop 21.10, Kernel: 5.15.11-76051511-generic (x86_64), Desktop: GNOME Shell 40.5, Display Server: X Server 1.20.13, OpenGL: 4.6 Mesa 21.2.2, Vulkan: 1.2.182, Compiler: GCC 11.2.0, File-System: ext4, Screen Resolution: 2256x1504

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	bm1	bm2	gpu1
Algebraic Multi-Grid Benchmark (Figure Of Merit)	**275813700**	**277136867**	
Normalized	99.52%	100%	
Standard Deviation	0.2%	0.2%	
GpuTest - GiMark - 2256 x 1504 - Windowed (Points)			1817
Standard Deviation			0.1%
GpuTest - Plot3D - 2256 x 1504 - Windowed (Points)			9929
Standard Deviation			0%
GpuTest - Furmark - 2256 x 1504 - Windowed (Points)			1356
Standard Deviation			0.1%
GpuTest - TessMark - 2256 x 1504 - Windowed (Points)			4619
Standard Deviation			0.2%
GpuTest - Triangle - 2256 x 1504 - Windowed (Points)			47139
Standard Deviation			0.4%
GpuTest - Pixmark Piano - 2256 x 1504 - Windowed (Points)			477
Standard Deviation			2.3%

GpuTest - Pixmark Volplosion - 2256 x 1504 - Windowed (Points)	1295
Standard Deviation	0.8%


Algebraic Multi-Grid Benchmark 1.2
Figure Of Merit, More Is Better
bm1
SE +/- 394829.30, N = 3
275813700
bm2
SE +/- 285509.61, N = 3
277136867
60M
120M
180M
240M
300M
1. (CC) gcc options: -lparcsr_ls -lparcsr_mv -lseq_mv -lIJ_mv -lkrylov -lHYPRE_utilities -lm -fopenmp -lmpi
GpuTest 0.7.0
Test: GiMark - Resolution: 2256 x 1504 - Mode: Windowed
Points, More Is Better
gpu1
SE +/- 0.67, N = 3
1817
400
800
1200
1600
2000
GpuTest 0.7.0
Test: Plot3D - Resolution: 2256 x 1504 - Mode: Windowed
Points, More Is Better
gpu1
SE +/- 2.03, N = 3
9929
2K
4K
6K
8K
10K
GpuTest 0.7.0
Test: Furmark - Resolution: 2256 x 1504 - Mode: Windowed
Points, More Is Better
gpu1
SE +/- 1.15, N = 3
1356
300
600
900
1200
1500
GpuTest 0.7.0
Test: TessMark - Resolution: 2256 x 1504 - Mode: Windowed
Points, More Is Better
gpu1
SE +/- 5.04, N = 3
4619
1000
2000
3000
4000
5000



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 13:08.