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thin

AMD Ryzen 3 2200G testing with a American Megatrends 5.14 and AMD Radeon Vega / Mobile on Ubuntu 21.04 via the Phoronix Test Suite.

Test Systems:

2200G Quadro A4-320 Akasa

Processor: AMD Ryzen 3 2200G @ 3.50GHz (4 Cores), Motherboard: American Megatrends 5.14, Chipset: AMD Raven/Raven2, Memory: 6GB, Disk: 512GB SAMSUNG MZVKW512HMJP-000L7, Graphics: AMD Radeon Vega / Mobile (1100/1200MHz), Audio: AMD Raven/Raven2/Fenghuang, Monitor: Optix MAG24C, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 21.04, Kernel: 5.11.0-16-generic (x86_64), Desktop: Xfce 4.16, Display Server: X Server 1.20.11, OpenGL: 4.6 Mesa 21.0.1 (LLVM 11.0.1), Compiler: GCC 10.3.0, File-System: ext4, Screen Resolution: 1920x1080

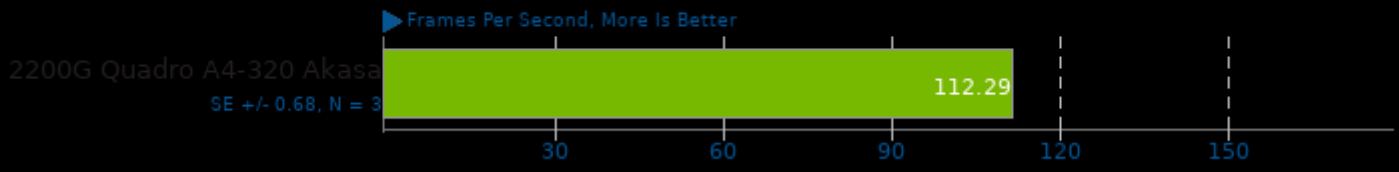
Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,m2 --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-gDeRY6/gcc-10-10.3.0/debian/tmp-nvptx/usr,amdgcn-amdhsa=/build/gcc-10-gDeRY6/gcc-10-10.3.0/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: 0x8101016
Graphics Notes: GLAMOR
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 IBPB: conditional STIBP: disabled RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	2200G Quadro A4-320 Akasa
Tesseract - 1920 x 1080 (FPS)	112.2891
Standard Deviation	1%
Unigine Valley - 1920 x 1080 - Windowed - OpenGL (FPS)	17.0919
Standard Deviation	0.1%
Unigine Superposition - 1920 x 1080 - Windowed - Low - OpenGL	21.6
Standard Deviation	0.3%
Timed Linux Kernel Compilation - Time To Compile (sec)	298.338
Standard Deviation	0.6%
Blender - Classroom - CPU-Only (sec)	1625
Standard Deviation	0.2%
System BZIP2 Decompression (sec)	12.265
Standard Deviation	2.2%
Parallel BZIP2 Compression - 2.F.C (sec)	12.569
Standard Deviation	1.9%

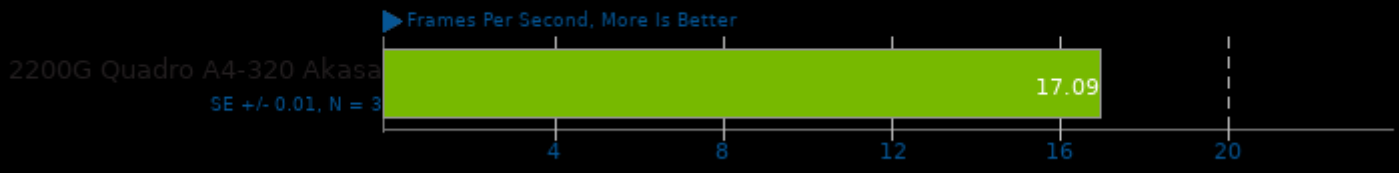
Tesseract 2014-05-12

Resolution: 1920 x 1080



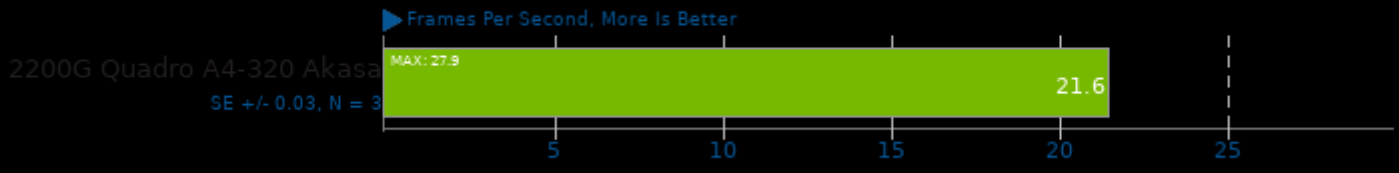
Unigine Valley 1.0

Resolution: 1920 x 1080 - Mode: Windowed - Renderer: OpenGL



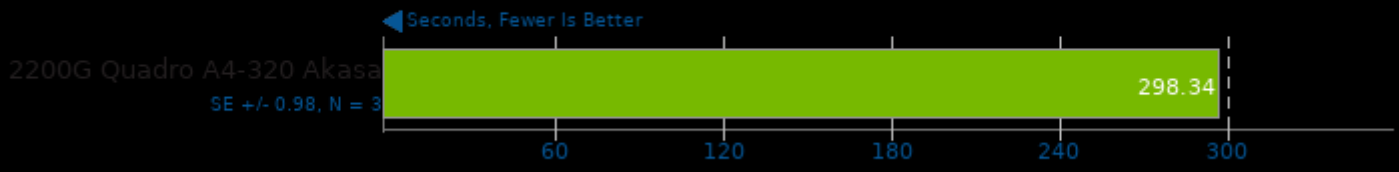
Unigine Superposition 1.0

Resolution: 1920 x 1080 - Mode: Windowed - Quality: Low - Renderer: OpenGL



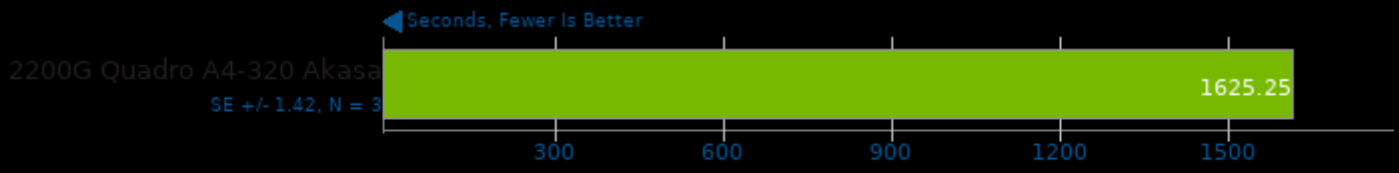
Timed Linux Kernel Compilation 5.10.20

Time To Compile

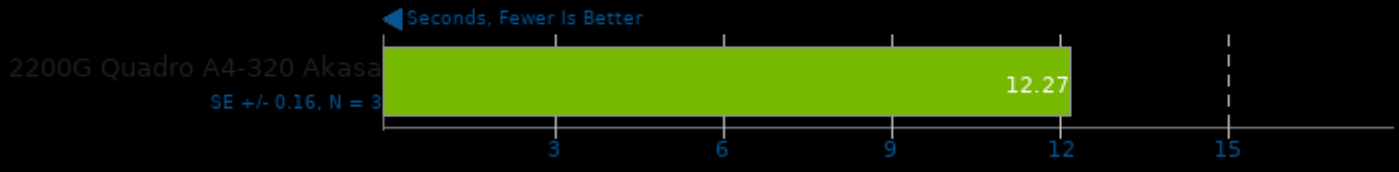


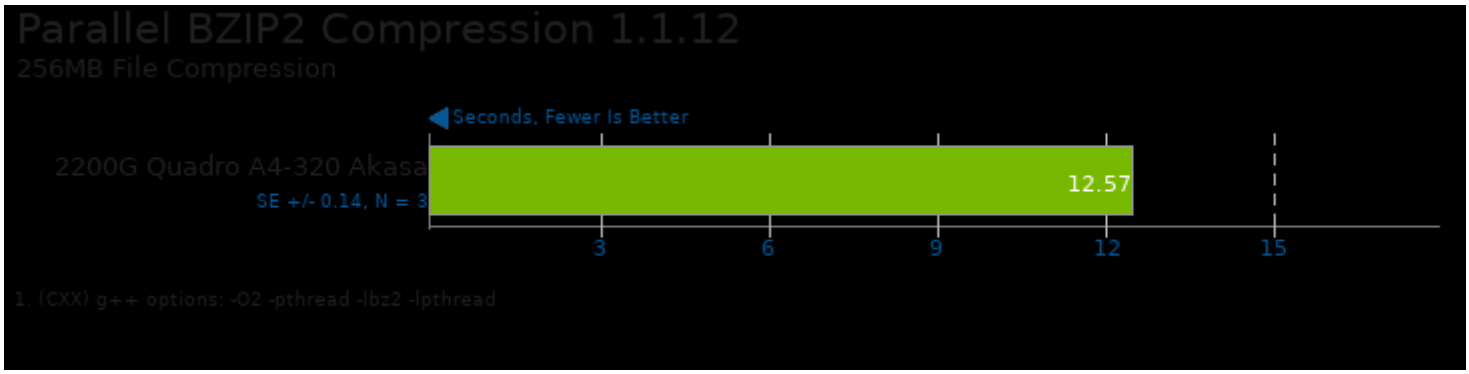
Blender 2.83.5

Blend File: Classroom - Compute: CPU-Only



System BZIP2 Decompression





This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 04:29.