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Intel Core i9-10885H testing with a HP 8736 (S91 Ver. 01.02.01 BIOS) and NVIDIA Quadro RTX 5000 with Max-Q Design 16GB on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

1

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Processor: Intel Core i9-10885H @ 5.30GHz (8 Cores / 16 Threads), Motherboard: HP 8736 (S91 Ver. 01.02.01 BIOS), Chipset: Intel Comet Lake PCH, Memory: 32GB, Disk: 2048GB KXG50PNV2T04 KIOXIA, Graphics: NVIDIA Quadro

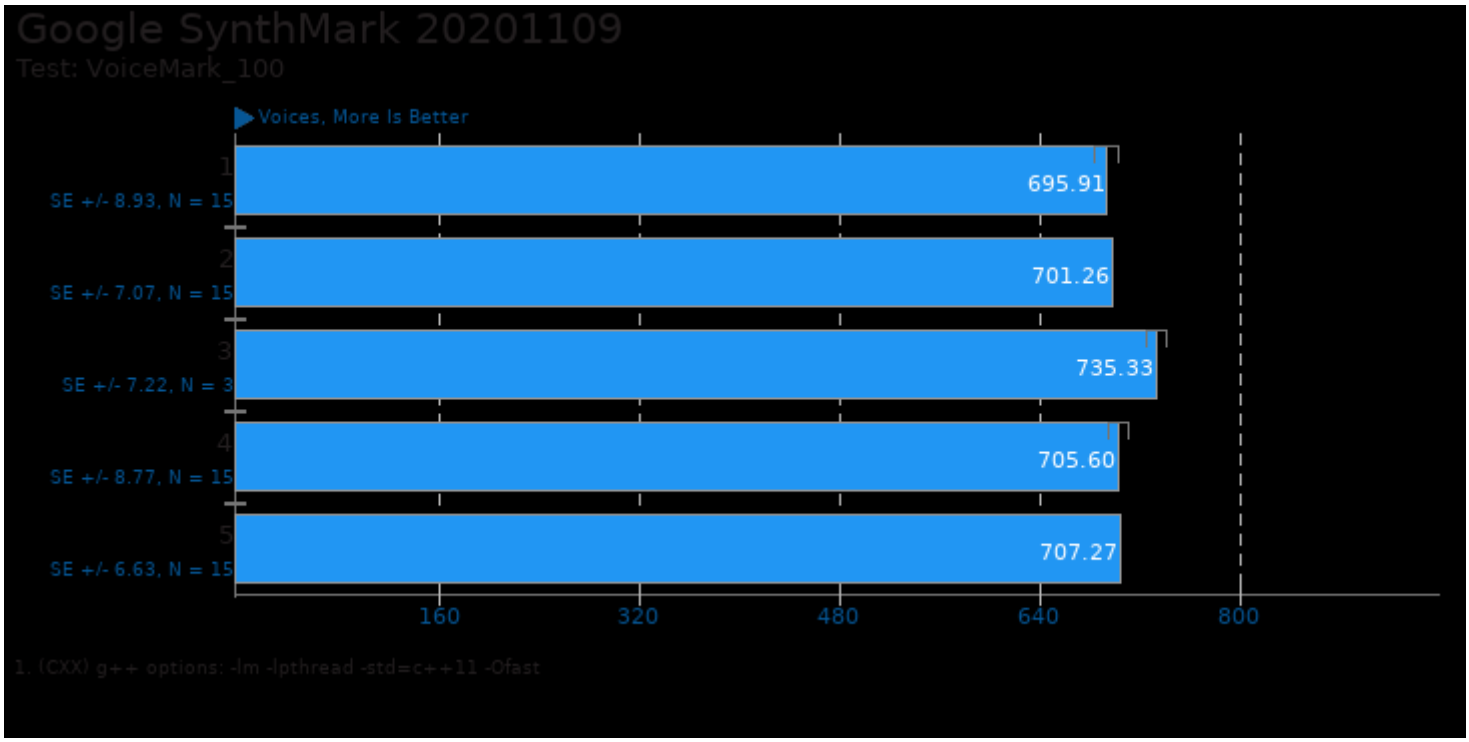
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RTX 5000 with Max-Q Design 16GB (600/6000MHz), Audio: Intel Comet Lake PCH cAVS, Network: Intel Wi-Fi 6 AX201

OS: Ubuntu 20.04, Kernel: 5.6.0-1042-oem (x86_64), Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.8, Display Driver: NVIDIA 450.102.04, OpenGL: 4.6.0, OpenCL: OpenCL 1.2 CUDA 11.0.228, Vulkan: 1.2.133, Compiler: GCC 9.3.0 + CUDA 10.1, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --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++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-HskZEa/gcc-9-9.3.0/debian/tmp-nvptx/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-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 - CPU Microcode: 0xe0 - Thermald 1.9.1
Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + 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

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Google SynthMark - VoiceMark_100 (Voices)	**695.910**	701.264	**735.332**	705.601	707.269
Normalized	94.64%	95.37%	100%	95.96%	96.18%
Standard Deviation	5%	3.9%	1.7%	4.8%	3.6%



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 17:44.