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3700x

3700x performance before upgrading to 5950x

Test Systems:

R3700x_hs

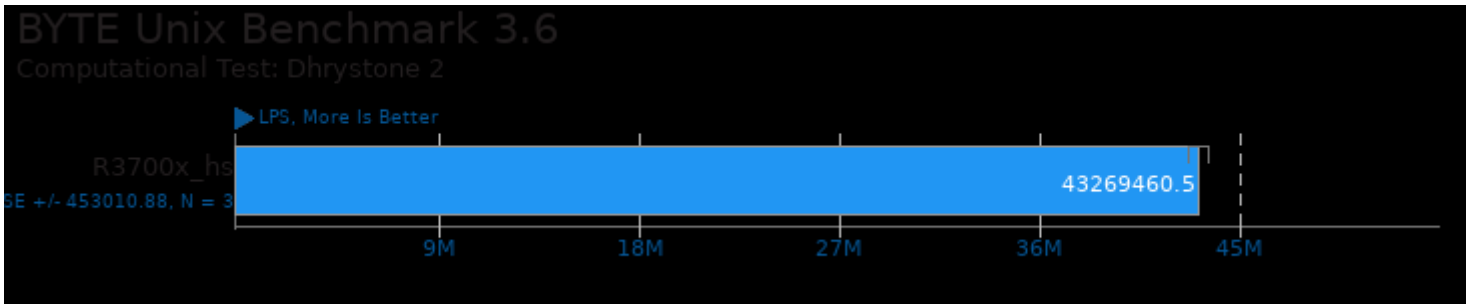
Processor: AMD Ryzen 7 3700X 8-Core @ 3.60GHz (8 Cores / 16 Threads), Motherboard: Gigabyte X570 AORUS ELITE (F11 BIOS), Chipset: AMD Starship/Matisse, Memory: 126GB, Disk: 1000GB Western Digital WDS100T2B0C-00PXH0 + 2 x 4001GB HGST HMS5C4040AL + 4001GB Samsung SSD 860 + 2000GB CT2000MX500SSD1 + 16001GB Expansion Desk, Graphics: NVIDIA GeForce RTX 3070 8GB (210/405MHz), Audio: NVIDIA Device 228b, Monitor: LG HDR WQHD, Network: Intel I211

OS: Ubuntu 20.04, Kernel: 5.8.0-36-generic (x86_64), Desktop: GNOME Shell 3.36.4, Display Server: X Server 1.20.9, Display Driver: NVIDIA 455.38, Compiler: GCC 9.3.0 + CUDA 11.1, File-System: ext4, Screen Resolution: 3440x1440

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: acpi-cpufreq ondemand (Boost: Enabled) - CPU Microcode: 0x8701013
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: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

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BYTE Unix Benchmark - Dhrystone 2 (LPS)	43269461
Standard Deviation	1.8%



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