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compress-7zip-2020-11-23

AMD Ryzen Threadripper PRO 3975WX testing with a Lenovo P620 on Fedora 33

Test Systems:

Initial 3975WX testing

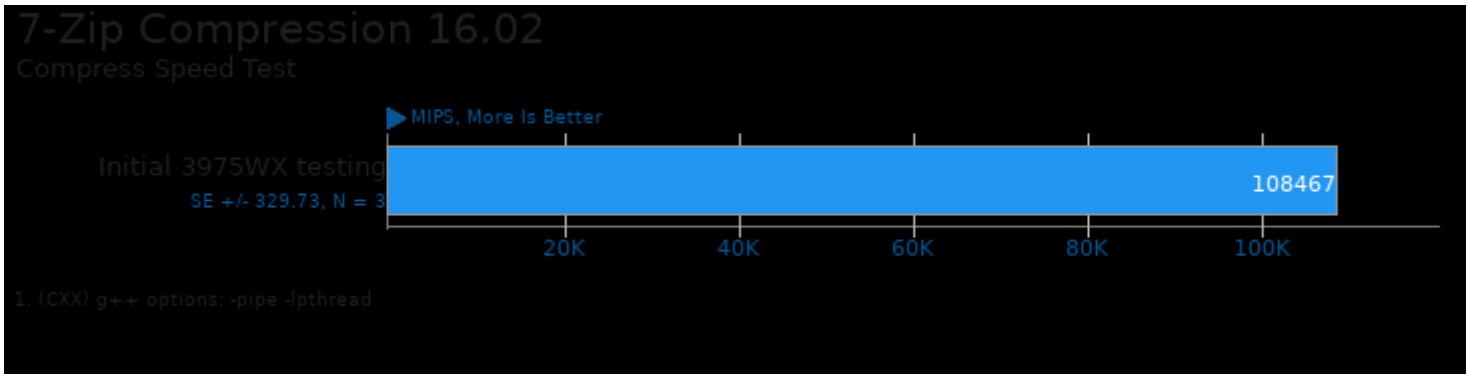
Processor: AMD Ryzen Threadripper PRO 3975WX 32-Cores @ 3.50GHz (32 Cores / 64 Threads), Motherboard: LENOVO 1046 (S07KT0CA BIOS), Chipset: AMD Starship/Matisse, Memory: 64GB, Disk: 1024GB SAMSUNG MZVLB1T0HBLR-000L7 + 2 x 1000GB Samsung SSD 860, Graphics: NVIDIA Quadro P620 2GB (1265/2504MHz), Audio: NVIDIA GP107GL HD Audio, Monitor: LG HDR 4K, Network: Aquantia AQC107 NBase-T/IEEE + Intel Wi-Fi 6 AX200

OS: Fedora 33, Kernel: 5.9.8-200.fc33.x86_64 (x86_64), Desktop: GNOME Shell 3.38.1, Display Server: X Server 1.20.9, Display Driver: NVIDIA 450.80.02, OpenGL: 4.6.0, Compiler: GCC 10.2.1 20201016 + Clang 11.0.0, File-System: btrfs, Screen Resolution: 3840x2160

Compiler Notes: --build=x86_64-redhat-linux --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,objc,obj-c++,ada,go,d,lto --enable-multilib

--enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-gcc-major-version-only --with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver
Processor Notes: Scaling Governor: acpi-cpufreq schedutil - CPU Microcode: 0x8301039
Security Notes: SELinux + 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

	Initial 3975WX testing
7-Zip Compression - C.S.T (MIPS)	108467
Standard Deviation	0.5%



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