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# spaz-desktop-hmmer-135vcore

AMD Ryzen 7 3700X 8-Core testing with a MSI MPG X570 GAMING PLUS (MS-7C37) v2.0 (A.D0 BIOS) and MSI NVIDIA GeForce GTX 1080 8GB on Ubuntu 20.04 via the Phoronix Test Suite.

## Test Systems:

### AMD Ryzen 7 3700X 8-Core

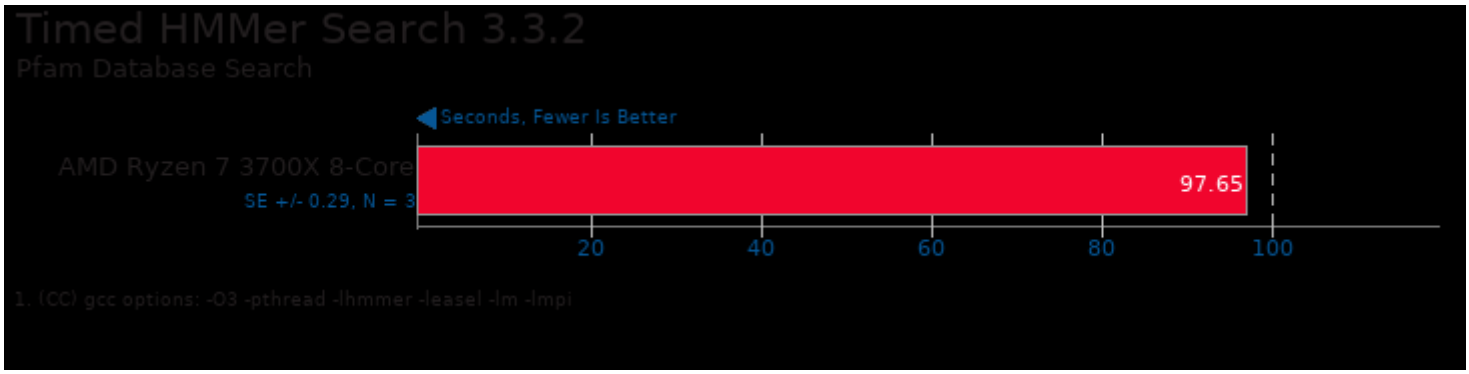
Processor: AMD Ryzen 7 3700X 8-Core @ 3.60GHz (8 Cores / 16 Threads), Motherboard: MSI MPG X570 GAMING PLUS (MS-7C37) v2.0 (A.D0 BIOS), Chipset: AMD Starship/Matisse, Memory: 64GB, Disk: 1000GB Samsung SSD 970 EVO 1TB + 500GB Samsung SSD 860 + 4001GB Seagate ST4000DM000-1F21, Graphics: MSI NVIDIA GeForce GTX 1080 8GB (1683/5005MHz), Audio: NVIDIA GP104 HD Audio, Monitor: LG ULTRAGEAR, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 20.04, Kernel: 5.4.0-74-generic (x86_64), Desktop: GNOME Shell 3.36.7, Display Server: X Server 1.20.9, Display Driver: NVIDIA 460.80, OpenGL: 4.6.0, OpenCL: OpenCL 1.2 CUDA 11.2.162, Vulkan: 1.2.155, Compiler: GCC 9.3.0 + Clang 10.0.0-4ubuntu1 + CUDA 10.1, File-System: ext4, Screen Resolution: 7680x1440

# spaz-desktop-hmmer-135vcore

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: 0x8701021
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

| | AMD Ryzen 7 3700X 8-Core |
|---|---|
| **Timed HMMer Search - P.D.S (sec)** | 97.654 |
| **Standard Deviation** | 0.5% |




*This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 21:33.*