



[www.phoronix-test-suite.com](http://www.phoronix-test-suite.com)

## initial\_clearos

Oracle VirtualBox testing on Clear Linux OS 32270 via the Phoronix Test Suite.

### Test Systems:

#### initial

Processor: Intel Core i7-8705G (4 Cores), Motherboard: Oracle VirtualBox v1.2, Chipset: + ICH7-M, Memory: 8192MB, Disk: 43GB VBOX HDD, Graphics: SVGA3D; build: RELEASE; LLVM;, Audio: Intel 82801AA AC 97 Audio, Network: Intel 82540EM

OS: Clear Linux OS 32270, Kernel: 4.19.102-111.lts2018 (x86\_64), Desktop: GNOME Shell 3.34.3, Display Server: X Server 1.20.7, Display Driver: modesetting 1.20.7, OpenGL: 2.1 Mesa 20.0.0-devel, Compiler: GCC 9.2.1 20200204 gcc\_9\_2\_0\_release-587-ge0cd0469a2 + Clang 9.0.1 + LLVM 9.0.1, File-System: ext4, Screen Resolution: 2436x1324, System Layer: Oracle VirtualBox

Environment Notes: CFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D\_FORTIFY\_SOURCE=2 -fexceptions -fstack-protector --param=ssp-buffer-size=32 -m64 -fasynchronous-unwind-tables -Wp,-D\_REENTRANT -ftree-loop-distribute-patterns -WI,-z -WI,now -WI,-z -WI,reloc -malign-data=abi -fno-semantic-interposition -ftree-vectorize -ftree-loop-vectorize -WI,-sort-common -WI,--enable-new-dtags" FFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall

```

-Wp,-D_FORTIFY_SOURCE=2 -fexceptions -fstack-protector --param=ssp-buffer-size=32 -m64 -fasynchronous-unwind-tables -Wp,-D_REENTRANT
-ftree-loop-distribute-patterns -WI,-z -WI,now -WI,-z -WI,relro -malign-data=abi -fno-semantic-interposition -ftree-vectorize -ftree-loop-vectorize -WI,--enable-new-dtags
-Wa,-mbranches-within-32B-boundaries" CXXFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D_FORTIFY_SOURCE=2 -fexceptions -fstack-protector
--param=ssp-buffer-size=32 -Wformat -Wformat-security -m64 -fasynchronous-unwind-tables -Wp,-D_REENTRANT -ftree-loop-distribute-patterns -WI,-z -WI,now -WI,-z
-WI,relro -fno-semantic-interposition -ffat-lto-objects -fno-trapping-math -WI,-sort-common -WI,--enable-new-dtags -mtune=skylake -Wa,-mbranches-within-32B-boundaries
-fvisibility-inlines-hidden -WI,--enable-new-dtags" MESA_GLSL_CACHE_DISABLE=0 CFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall
-Wp,-D_FORTIFY_SOURCE=2 -fexceptions -fstack-protector --param=ssp-buffer-size=32 -Wformat -Wformat-security -m64 -fasynchronous-unwind-tables
-Wp,-D_REENTRANT -ftree-loop-distribute-patterns -WI,-z -WI,now -WI,-z -WI,relro -fno-semantic-interposition -ffat-lto-objects -fno-trapping-math -WI,-sort-common
-WI,--enable-new-dtags -mtune=skylake -Wa,-mbranches-within-32B-boundaries" THEANO_FLAGS="floatX=float32,openmp=true,gcc.cxxflags="-ftree-vectorize -maxv"
Compiler Notes: --build=x86_64-generic-linux --disable-libmpx --disable-libunwind-exceptions --disable-multiarch --disable-vtable-verify --disable-werror
--enable_cxa_atexit --enable-bootstrap --enable-cet --enable-clocale-gnu --enable-default-pie --enable-gnu-indirect-function --enable-languages=c,c++,fortran,go
--enable-ld=default --enable-libstdcxx-pch --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --exec-prefix=/usr --includedir=/usr/include
--target=x86_64-generic-linux --with-arch=westmere --with-gcc-major-version-only --with-glibc-version=2.19 --with-gnu-ld --with-isl --with-ppl=yes --with-tune=haswell
Security Notes: i1lb_multithit KVM: Vulnerable + l1tf: Mitigation of PTE Inversion + mds: Mitigation of Clear buffers; SMT Host state unknown + meltdown: Mitigation of PTI +
spec_store_bypass: Vulnerable + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline
STIBP: disabled RSB filling + tsx_async_abort: Not affected

```

## initial

**Stockfish - Total Time (Nodes/s)** 2575446

Standard Deviation 3.9%

**asmFish - 1.H.M.2.D (Nodes/s)** 4239857

Standard Deviation 29.3%

**Crafty - Elapsed Time (Nodes/s)** 4083312

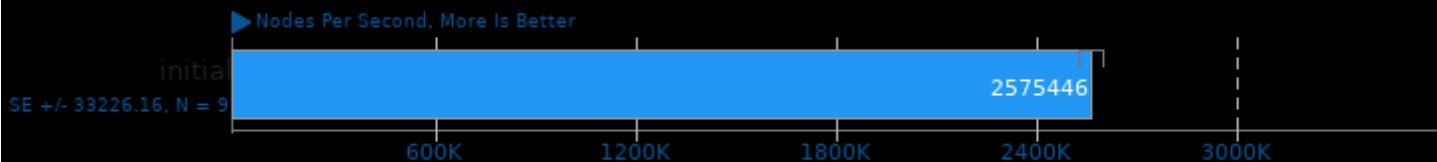
Standard Deviation 2.4%

**TSCP - A.C.P (Nodes/s)** 917118

Standard Deviation 1%

## Stockfish 9

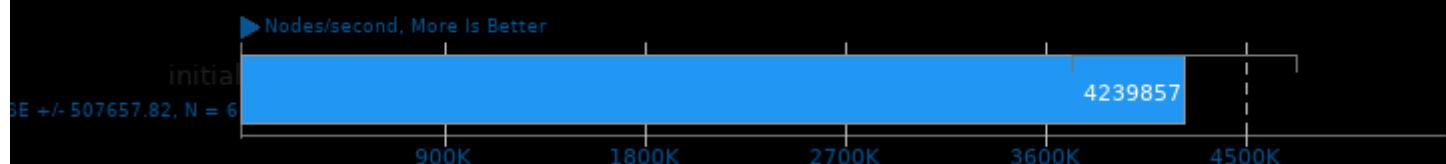
Total Time



1. (CXX) g++ options: -m64 -lpthread -O3 -fexceptions -fstack-protector -ffat-lto-objects -fno-trapping-math -mtune=skylake -fno-exceptions -std=

## asmFish 2018-07-23

1024 Hash Memory, 26 Depth



## Crafty 25.2

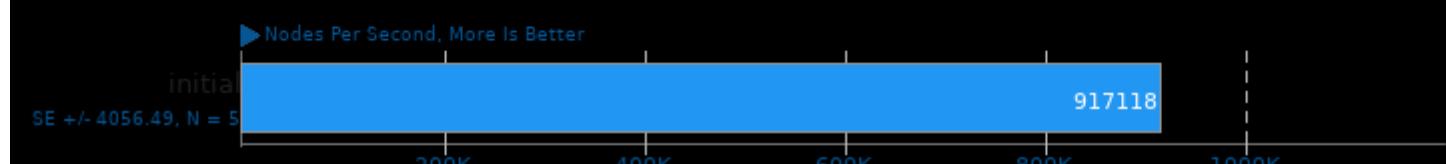
Elapsed Time



1. (CC) gcc options: -pthread -lstdc++ -fprofile-use -lm

## TSCP 1.81

AI Chess Performance



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 18:45.