

www.phoronix-test-suite.com

starfish

1st run

Test Systems:

Intel Xeon E5-2680 v3

Processor: 2 x Intel Xeon E5-2680 v3 @ 3.30GHz (48 Cores), Motherboard: Dell 0975F3, Chipset: Intel Xeon E7 v3/Xeon, Memory: 64512MB, Disk: 75GB PERC H330 Adp + 59GB PERC H330 Adp + 105GB PERC H330 Adp + 6000GB PERC H730 Adp + 7999GB PERC H730 Adp + 120GB SATA SSD, Graphics: MSI NVIDIA GeForce GTX 1070 Ti 8192MB (1607/4006MHz), Audio: NVIDIA GP104 HD Audio, Network: Broadcom Limited NetXtreme BCM5720 Gigabit PCIe

OS: Ubuntu 18.04, Kernel: 4.15.0-43-generic (x86_64), Desktop: MATE 1.20.1, Display Driver: NVIDIA 390.77, OpenGL: 4.6.0, 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++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix

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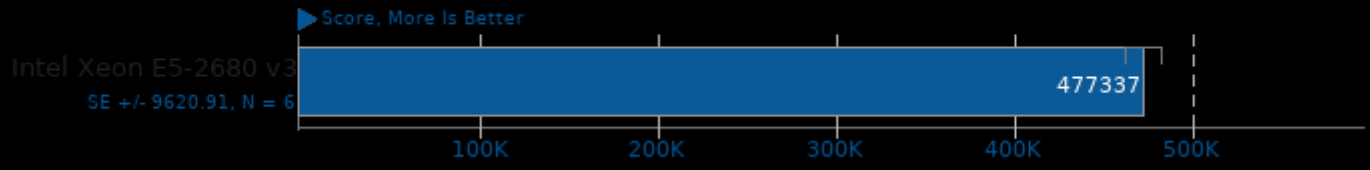
--host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave

	Intel Xeon E5-2680 v3
PHPBench - P.B.S (Score)	477337
Standard Deviation	4.9%
FFmpeg - H.2.H.T.N.D (sec)	12.17
Standard Deviation	1%
x264 - H.2.V.E (FPS)	114.98
Standard Deviation	1.4%
LAME MP3 Encoding - WAV To MP3 (sec)	38.82
Standard Deviation	0.6%
C-Ray - Total Time - 4.1.R.P.P (sec)	47.66
Standard Deviation	0.1%
Timed Linux Kernel Compilation - Time To Compile (sec)	49.85
Standard Deviation	3.3%
7-Zip Compression - C.S.T (MIPS)	90992
Standard Deviation	0.9%
CacheBench - R.M.W (MB/s)	24110
Standard Deviation	3.3%
CacheBench - Write (MB/s)	12066
Standard Deviation	0.1%
CacheBench - Read (MB/s)	2742
Standard Deviation	0.8%

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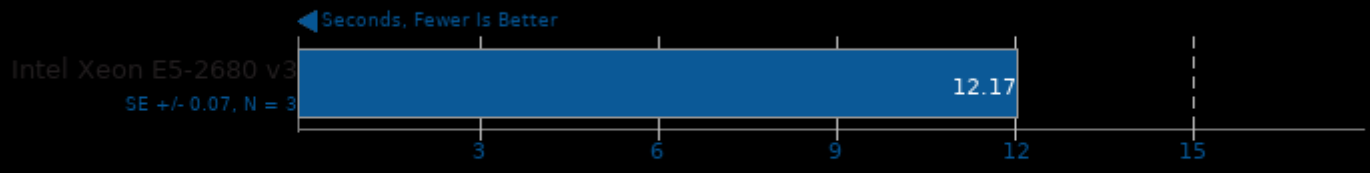
PHPBench 0.8.1

PHP Benchmark Suite



FFmpeg 4.0.2

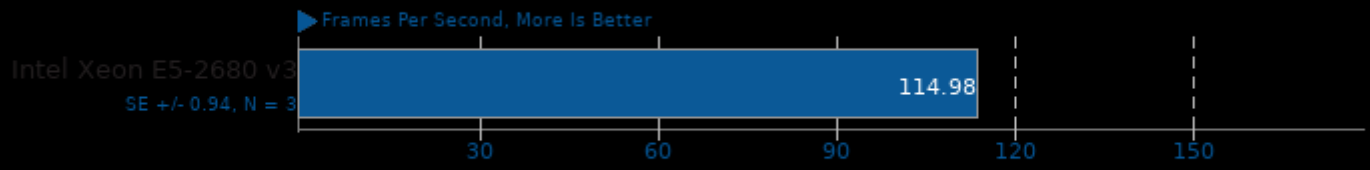
H.264 HD To NTSC DV



1. (CC) gcc options: -lavdevice -lavfilter -lavformat -lavcodec -lswresample -lswscale -lavutil -lXv -lX11 -lXext -lm -lxcb -lxcb-shape -lxcb-xfixes -pthread -l

x264 2018-09-25

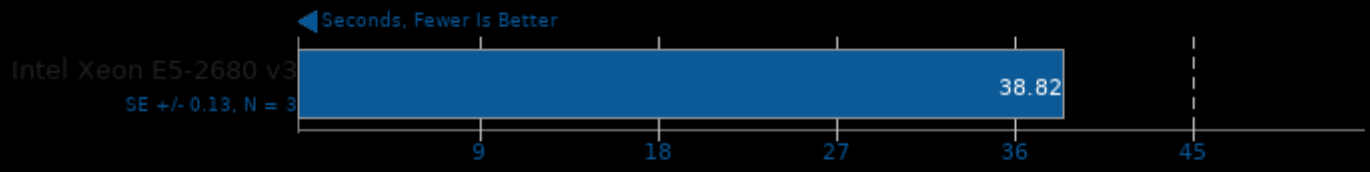
H.264 Video Encoding



1. (CC) gcc options: -ldl -m64 -lm -lpthread -O3 -ffast-math -std=gnu99 -fPIC -fomit-frame-pointer -fno-tree-vectorize

LAME MP3 Encoding 3.100

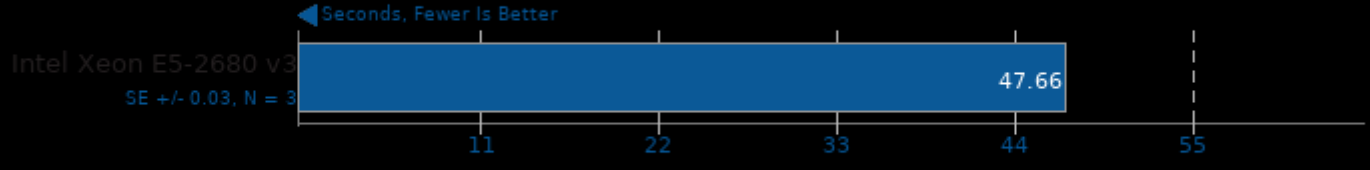
WAV To MP3



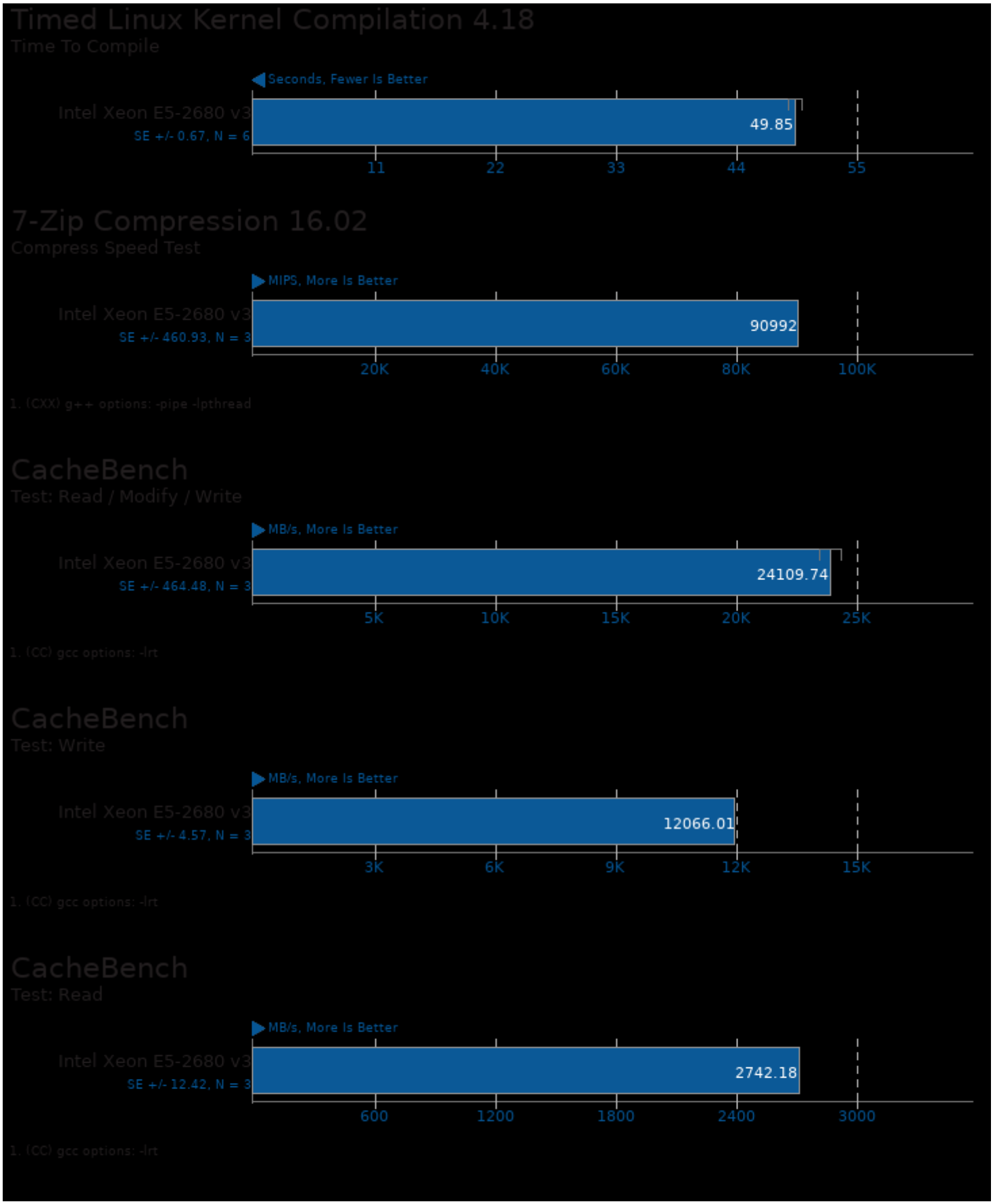
1. (CC) gcc options: -lm

C-Ray 1.1

Total Time - 4K, 16 Rays Per Pixel



1. (CC) gcc options: -lm -lpthread -O3



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 16:24.