

www.phoronix-test-suite.com

673aaec71a213c6ee317532a

ARMv7 Cortex-A72 testing with a BCM2711 Raspberry Pi 4 Model B Rev 1.2 and vc4drmfb on Raspbian 10 via the Phoronix Test Suite.

Test Systems:

ARMv7 Cortex-A72

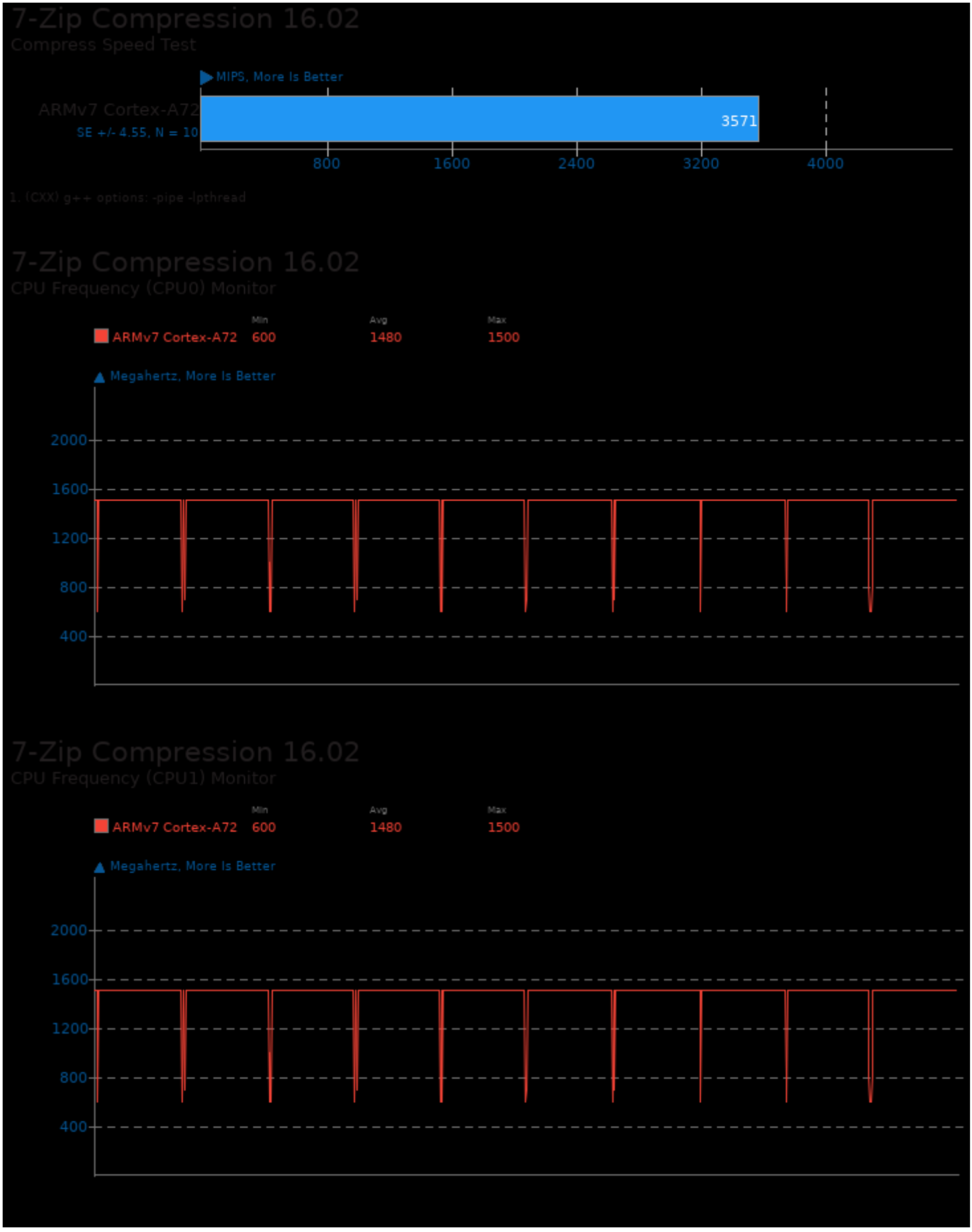
Processor: ARMv7 Cortex-A72 @ 1.50GHz (4 Cores), Motherboard: BCM2711 Raspberry Pi 4 Model B Rev 1.2, Memory: 4096MB, Disk: 15GB SA16G, Graphics: vc4drmfb

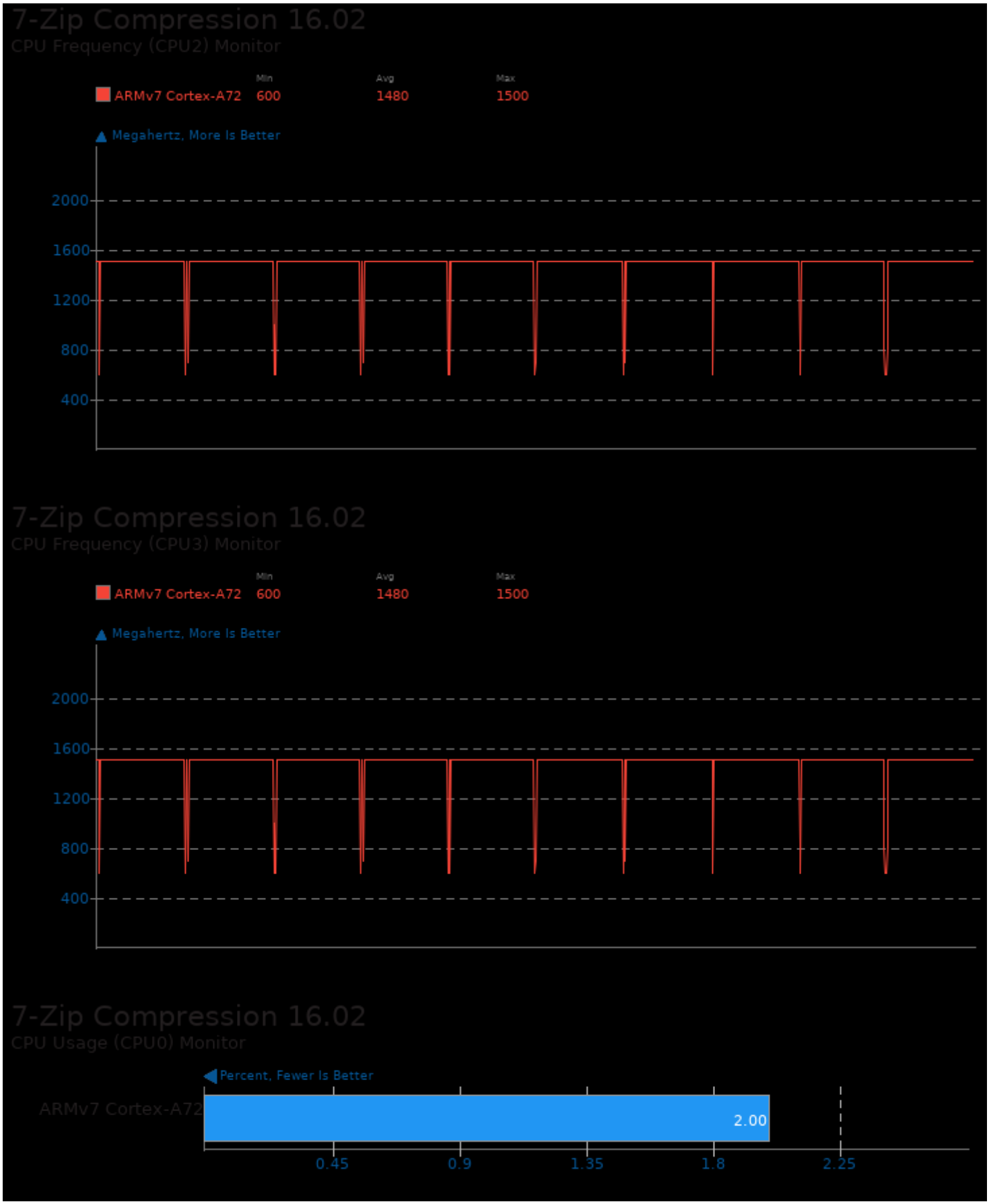
OS: Raspbian 10, Kernel: 5.4.83-v7l+ (armv7l), Desktop: LXDE, Display Server: X Server 1.20.4, Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1920x1080

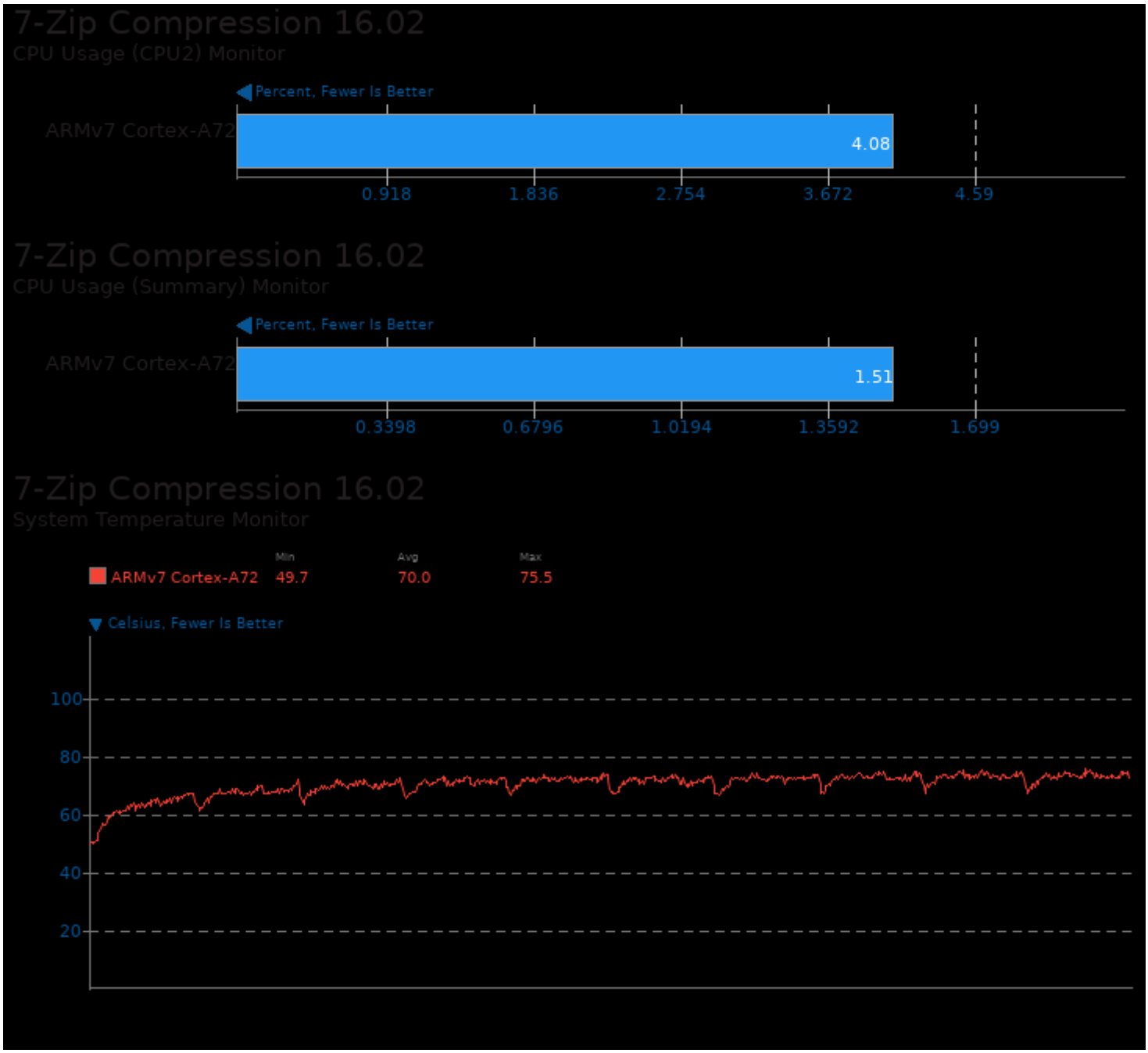
Kernel Notes: snd_bcm2835.enable_compat_alsa=0 snd_bcm2835.enable_hdmi=1
Compiler Notes: --build=arm-linux-gnueabihf --disable-libitm --disable-libquadmath --disable-libquadmath-support --disable-sjlj-exceptions --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-objc-gc=auto --enable-plugin --enable-shared --enable-threads=posix --host=arm-linux-gnueabihf --program-prefix=arm-linux-gnueabihf- --target=arm-linux-gnueabihf --with-arch=armv6 --with-default-libstdcxx-abi=new --with-float=hard --with-fpu=vfp --with-gcc-major-version-only --with-target-system-zlib -v
Processor Notes: Scaling Governor: cpufreq-dt ondemand

673aaec71a213c6ee317532a

	ARMv7 Cortex-A72
7-Zip Compression - C.S.T (MIPS)	3571
Standard Deviation	0.4%


7-Zip Compression 16.02
Compress Speed Test
MIPS, More Is Better
ARMv7 Cortex-A72
SE +/- 4.55, N = 10
3571
800
1600
2400
3200
4000
1. (CXX) g++ options: -pipe -lpthread
7-Zip Compression 16.02
CPU Frequency (CPU0) Monitor
Min
Avg
Max
ARMv7 Cortex-A72 600 1480 1500
Megahertz, More Is Better
2000
1600
1200
800
400
7-Zip Compression 16.02
CPU Frequency (CPU1) Monitor
Min
Avg
Max
ARMv7 Cortex-A72 600 1480 1500
Megahertz, More Is Better
2000
1600
1200
800
400


7-Zip Compression 16.02
CPU Frequency (CPU2) Monitor
Min
Avg
Max
ARMv7 Cortex-A72 600 1480 1500
Megahertz, More Is Better
2000
1600
1200
800
400
7-Zip Compression 16.02
CPU Frequency (CPU3) Monitor
Min
Avg
Max
ARMv7 Cortex-A72 600 1480 1500
Megahertz, More Is Better
2000
1600
1200
800
400
7-Zip Compression 16.02
CPU Usage (CPU0) Monitor
Percent, Fewer Is Better
ARMv7 Cortex-A72
2.00
0.45
0.9
1.35
1.8
2.25



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 02:39.