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LSDH-ZORINOS11

AMD A8-3870 APU testing with a Gigabyte GA-A75-UD4H and Gigabyte NVIDIA GeForce GT 610 1024MB on Zorin 11 via the Phoronix Test Suite.

Test Systems:

Zorin OS 11 Core

Processor: AMD A8-3870 APU @ 3.00GHz (4 Cores), Motherboard: Gigabyte GA-A75-UD4H, Chipset: AMD Family 12h Root Complex, Memory: 4096MB, Disk: 120GB Samsung SSD 850 + 500GB Western Digital WD5000AAKX-6 + 500GB 00AAVS-00ZTB0, Graphics: Gigabyte NVIDIA GeForce GT 610 1024MB (810/666MHz), Audio: Realtek ALC889, Network: Realtek RTL8111/8168/8411

OS: Zorin 11, Kernel: 4.2.0-30-generic (x86_64), Display Server: X Server 1.17.2, Display Driver: NVIDIA 352.63, OpenGL: 4.4.0, Compiler: GCC 5.2.1 20151010, File-System: ext4, Screen Resolution: 1280x1024

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,ada,c++,java,go,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared

--enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-default-libstdcxx-abi=new --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: Disk Scheduler: DEADLINE. Python 2.7.10.

Ubuntu 14.04.4

Processor: AMD A8-3870 APU @ 3.00GHz (4 Cores), Motherboard: Gigabyte GA-A75-UD4H, Chipset: AMD Family 12h Root Complex, Memory: 4096MB, Disk: 120GB Samsung SSD 850 + 500GB Western Digital WD5000AAKX-6 + 500GB 00AAVS-00ZTB0, Graphics: Gigabyte NVIDIA GeForce GT 610 1024MB, Audio: Realtek ALC889, Network: Realtek RTL8111/8168/8411

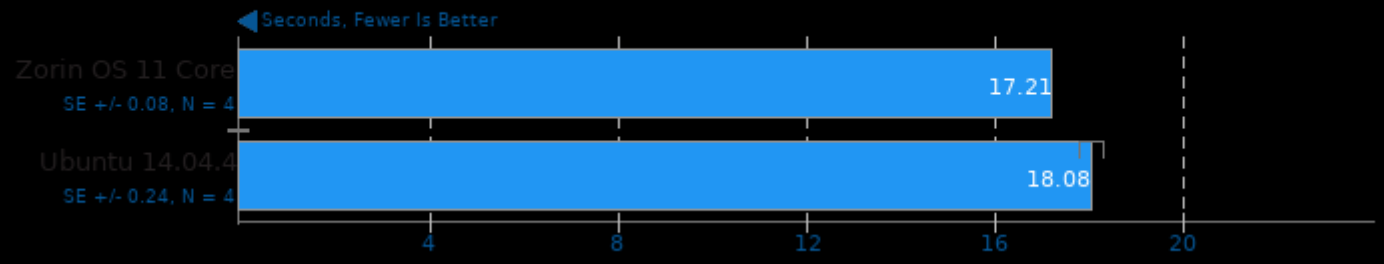
OS: Ubuntu 14.04, Kernel: 3.13.0-77-generic (x86_64), Desktop: Unity 7.2.6, Display Server: X Server 1.15.1, Display Driver: nouveau 1.0.10, OpenGL: 4.3.0, Compiler: GCC 4.8, File-System: ext4, Screen Resolution: 1280x1024

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-libmudflap --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-ecj-jar=/usr/share/java/eclipse-ecj.jar --with-java-home=/usr/lib/jvm/java-1.5.0-gcj-4.8-amd64/jre --with-jvm-jar-dir=/usr/lib/jvm-exports/java-1.5.0-gcj-4.8-amd64 --with-jvm-root-dir=/usr/lib/jvm/java-1.5.0-gcj-4.8-amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq ondemand
System Notes: Disk Scheduler: DEADLINE. Python 2.7.6.

	Zorin OS 11 Core	Ubuntu 14.04.4
Unpacking The Linux Kernel - linux-2.6.32.tar.bz2	**17.21**	**18.08**
Normalized	100%	95.19%
Standard Deviation	0.9%	2.6%
FLAC Audio Encoding - WAV To FLAC (sec)	**13.29**	**13.06**
Normalized	98.27%	100%
Standard Deviation	0.2%	0.6%
PyBench - T.F.A.T.T (Milliseconds)	**2922**	**3028**
Normalized	100%	96.5%
Standard Deviation	0.6%	1.8%
Apache Benchmark - S.W.P.S (Reqs/sec)	**14829**	**22329**
Normalized	66.41%	100%
Standard Deviation	2.2%	0.4%

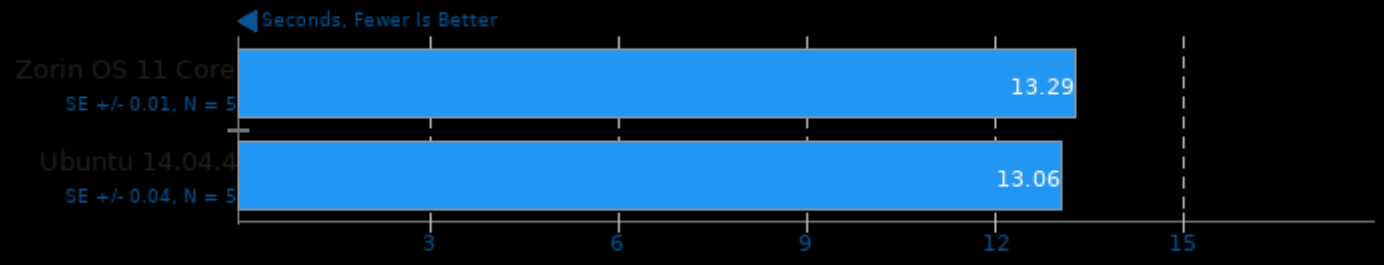
Unpacking The Linux Kernel

linux-2.6.32.tar.bz2



FLAC Audio Encoding 1.3.1

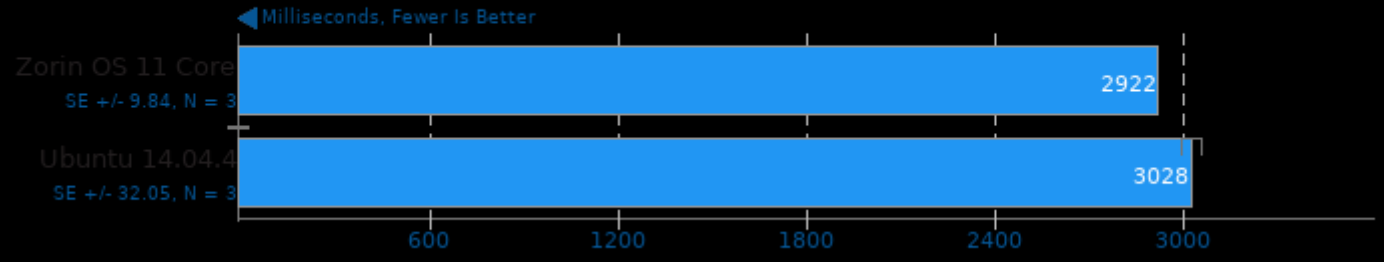
WAV To FLAC



1. (CXX) g++ options: -O2 -fvisibility=hidden -lm

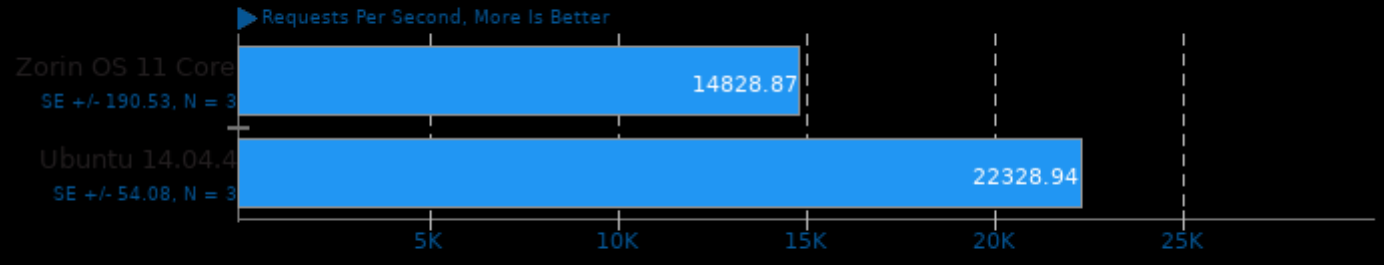
PyBench 2008-08-14

Total For Average Test Times



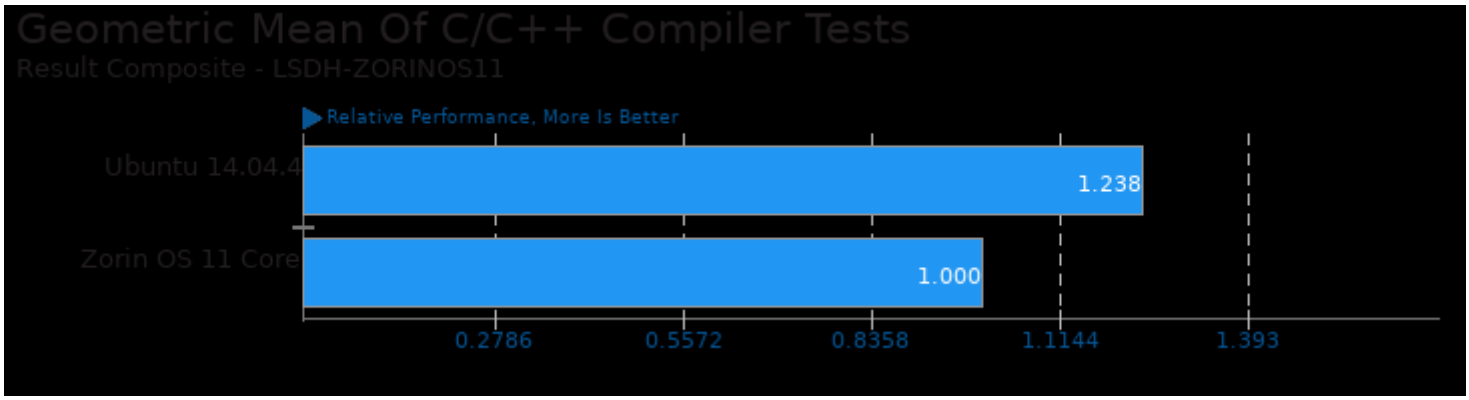
Apache Benchmark 2.4.7

Static Web Page Serving

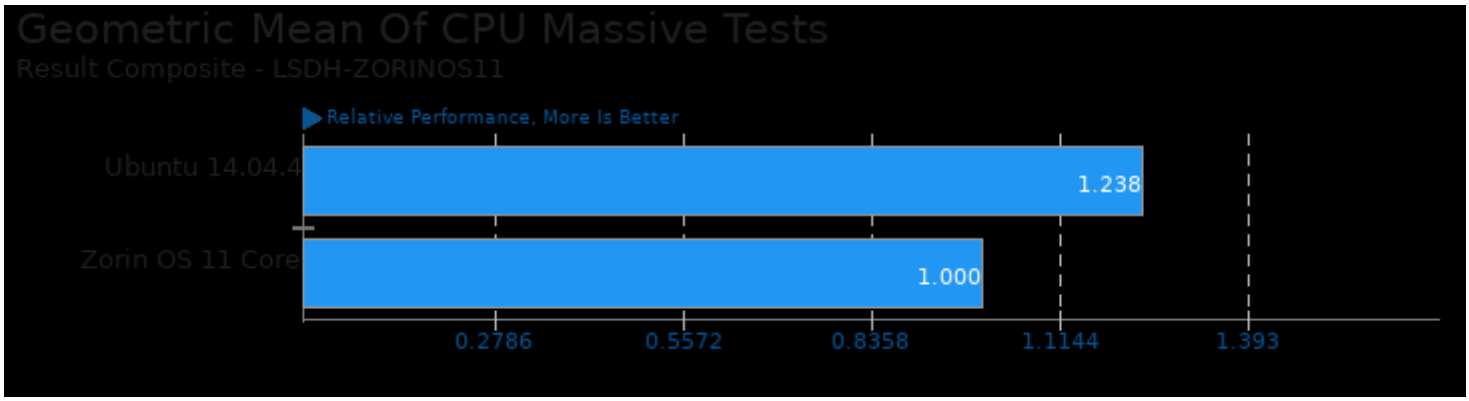


1. (CC) gcc options: -shared -fPIC -O2 -pthread

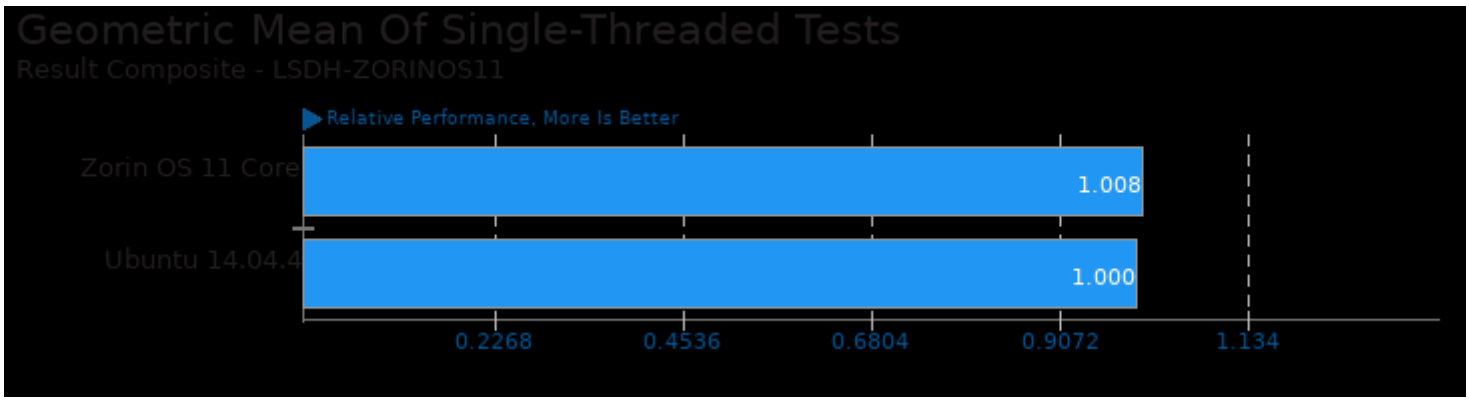
These geometric means are based upon test groupings / test suites for this result file.



Geometric mean based upon tests: pts/encode-flac and pts/apache



Geometric mean based upon tests: pts/apache and pts/encode-flac



Geometric mean based upon tests: pts/encode-flac and pts/pybench

This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 17:39.