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Honycomb-LX2K-Tinymembench

ARMv8 Cortex-A72 testing with a SolidRun CEX7 (EDK II BIOS) and AMD Radeon PRO WX 3200 4GB on Debian testing via the Phoronix Test Suite.

Test Systems:

5.10.0-trunk-arm64

Processor: ARMv8 Cortex-A72 (16 Cores), Motherboard: SolidRun CEX7 (EDK II BIOS), Memory: 64GB, Disk: 1000GB Samsung SSD 970 EVO Plus 1TB + 120GB OCZ VERTEX3 + 16GB SA16G + 63GB DF4064, Graphics: AMD Radeon PRO WX 3200 4GB (1295/1500MHz), Audio: AMD Baffin HDMI/DP, Monitor: PHL BDM4350

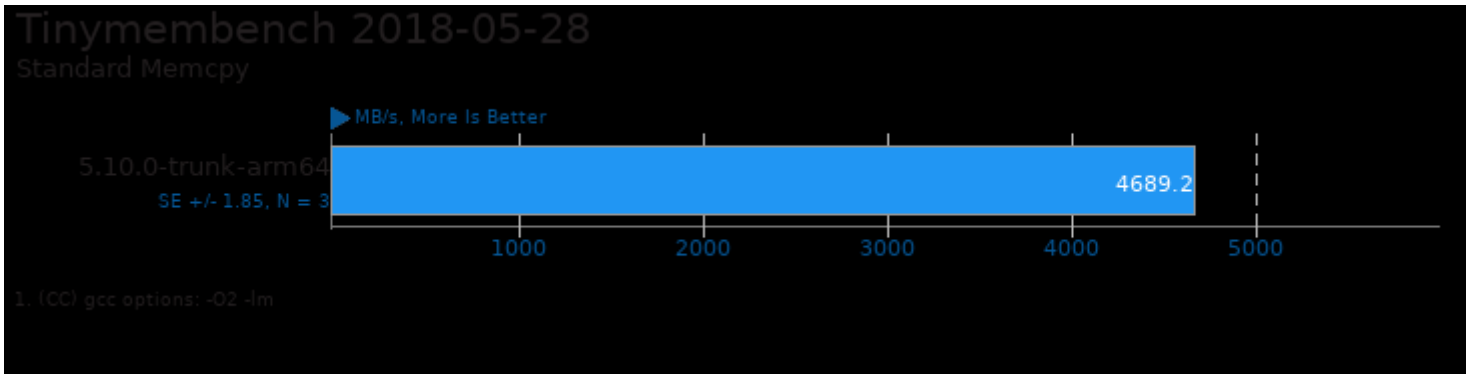
OS: Debian testing, Kernel: 5.10.0-trunk-arm64 (aarch64), Desktop: KDE Plasma 5.19.5, Display Server: X Server 1.20.10, Display Driver: amdgpu 19.1.0, OpenGL: 4.6 Mesa 20.2.4 (LLVM 11.0.0), Compiler: GCC 10.2.1 20201207, File-System: ext4, Screen Resolution: 3840x2160

Kernel Notes: amdgpu.pcie_gen_cap=0x00040004
Compiler Notes: --build=aarch64-linux-gnu --disable-libquadmath --disable-libquadmath-support --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-fix-cortex-a53-843419 --enable-gnu-unique-object --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++,m2

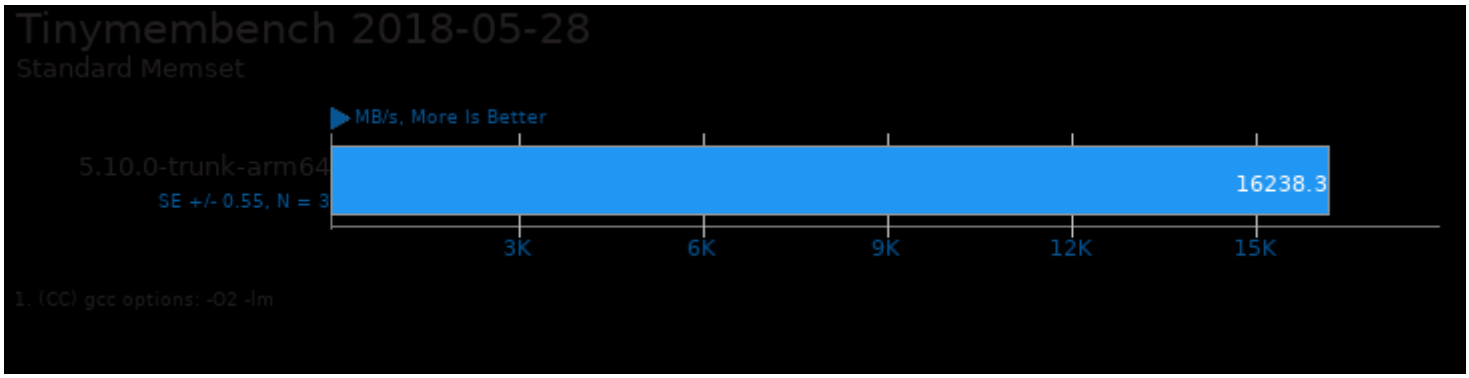
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--enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-nls --enable-objc-gc=auto --enable-plugin --enable-shared --enable-threads=posix --host=aarch64-linux-gnu --program-prefix=aarch64-linux-gnu- --target=aarch64-linux-gnu --with-build-config=bootstrap-lto-lean --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-target-system-zlib=auto -v
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Not affected + spectre_v1: Mitigation of __user pointer sanitization + spectre_v2: Mitigation of Branch predictor hardening + srbds: Not affected + tsx_async_abort: Not affected

	5.10.0-trunk-arm64
Tinymembench - Standard Memcpy (MB/s)	4689
Standard Deviation	0.1%
Tinymembench - Standard Memset (MB/s)	16238
Standard Deviation	0%



5.10.0-trunk-arm64



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 02:25.