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# manjaro-2021-04-29-cpu43-fclk18

AMD Ryzen 7 PRO 4750G testing with a ASUS TUF GAMING B550M-PLUS (WI-FI) (2201 BIOS) and ASUS NVIDIA GeForce GTX 970 on ManjaroLinux 21.0.3 via the Phoronix Test Suite.

## Test Systems:

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Processor: AMD Ryzen 7 PRO 4750G @ 4.30GHz (8 Cores / 16 Threads), Motherboard: ASUS TUF GAMING B550M-PLUS (WI-FI) (2201 BIOS), Chipset: AMD Renoir Root Complex, Memory: 16GB, Disk: 1000GB Samsung SSD 970 EVO 1TB, Graphics: ASUS NVIDIA GeForce GTX 970, Audio: NVIDIA GM204 HD Audio, Monitor: LEN T23i-10 + 27GL850 + S22C650, Network: Realtek RTL8125 2.5GbE + Intel Wi-Fi 6 AX200

OS: ManjaroLinux 21.0.3, Kernel: 5.12.0-1-MANJARO (x86_64), Desktop: KDE Plasma 5.21.4, Display Server: X Server 1.20.11, Display Driver: nouveau, OpenGL: 4.6 Mesa 21.0.3 (LLVM 11.1.0), Compiler: GCC 10.2.0, File-System: ext4, Screen Resolution: 1920x1080

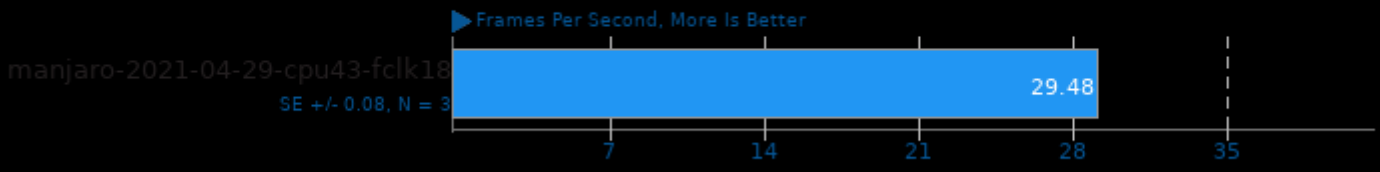
Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-__cxa_atexit --enable-cet=auto --enable-checking=release

--enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu
Processor Notes: Scaling Governor: acpi-cpufreq schedutil (Boost: Enabled) - CPU Microcode: 0x8600106
Graphics Notes: GLAMOR
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

| | manjaro-2021-04-29-cpu43-fclk18 |
|---|---|
| **Unigine Valley - 1920 x 1080 - Fullscreen - OpenGL (FPS)** | 29.4787 |
| **Standard Deviation** | 0.4% |
| **RAMspeed SMP - Average - Integer (MB/s)** | 26117 |
| **Standard Deviation** | 0.2% |
| **RAMspeed SMP - Average - Floating Point (MB/s)** | 26029 |
| **Standard Deviation** | 0.3% |
| **John The Ripper - Blowfish (Real C/S)** | 14451 |
| **Standard Deviation** | 1.1% |
| **John The Ripper - MD5 (Real C/S)** | 993075 |
| **Standard Deviation** | 0.1% |
| **Timed Linux Kernel Compilation - Time To Compile (sec)** | 108.167 |
| **Standard Deviation** | 0.9% |
| **Blender - BMW27 - CPU-Only (sec)** | 153.57 |
| **Standard Deviation** | 0.2% |

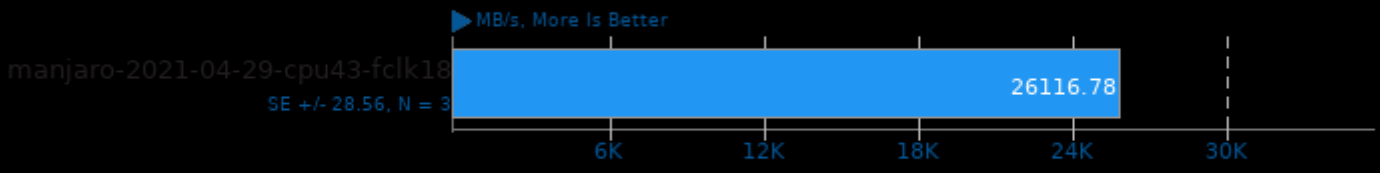
## Unigine Valley 1.0

Resolution: 1920 x 1080 - Mode: Fullscreen - Renderer: OpenGL




## RAMspeed SMP 3.5.0

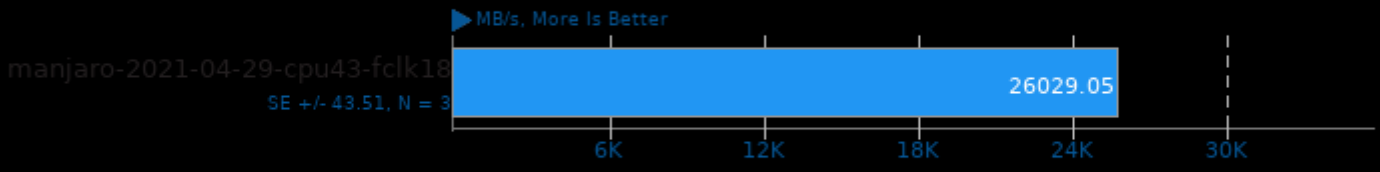
Type: Average - Benchmark: Integer




1. (CC) gcc options: -O3 -march=native

## RAMspeed SMP 3.5.0

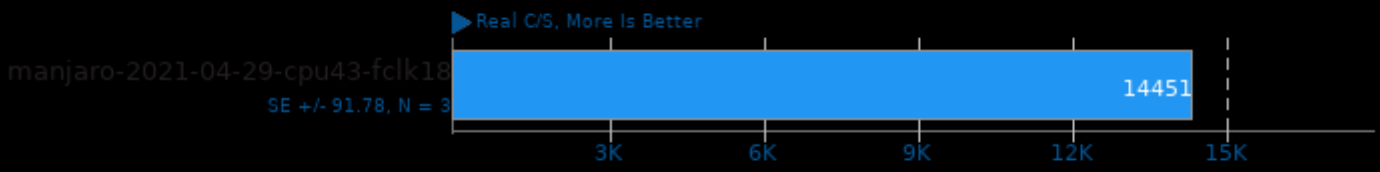
Type: Average - Benchmark: Floating Point




1. (CC) gcc options: -O3 -march=native

## John The Ripper 1.9.0-jumbo-1

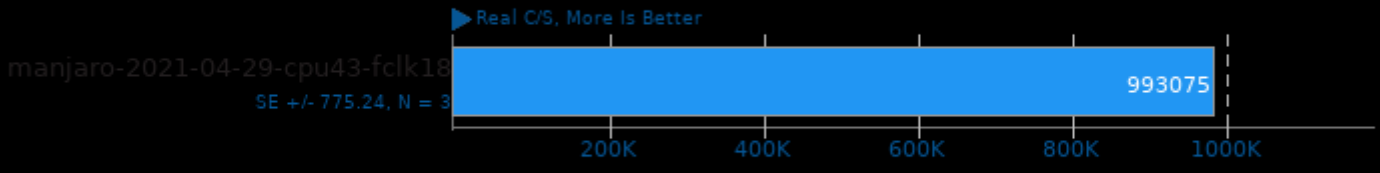
Test: Blowfish



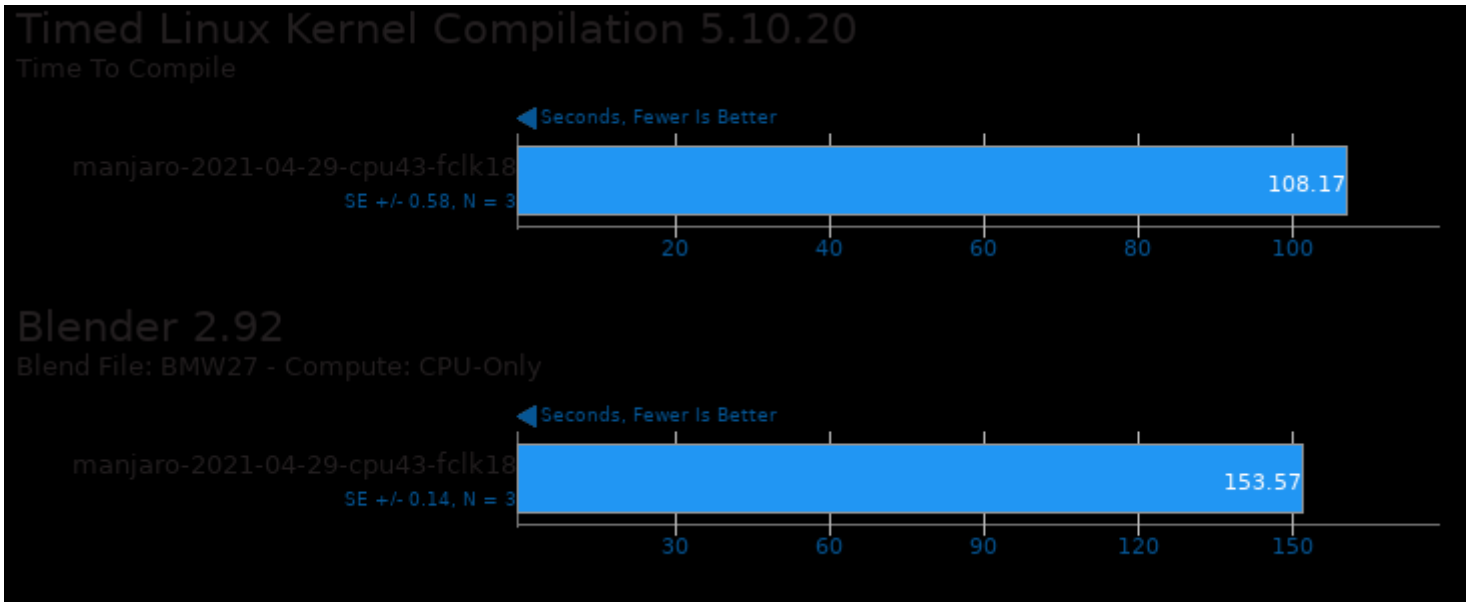

1. (CC) gcc options: -m64 -lssl -lcrypto -fopenmp -lgmp -pthread -lm -lz -ldl -lcrypt -lbz2

## John The Ripper 1.9.0-jumbo-1

Test: MD5




1. (CC) gcc options: -m64 -lssl -lcrypto -fopenmp -lgmp -pthread -lm -lz -ldl -lcrypt -lbz2




*This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 16:11.*