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AMD Ryzen 5 2600 Six-Core On CentOS Linux 7

Various open-source benchmarks by the Phoronix Test Suite v8.6.1 (Spydeberg).

Test Systems:

PCIe SSD - AMD Ryzen 5 2600 Six-Core

Processor: AMD Ryzen 5 2600 Six-Core @ 3.40GHz (6 Cores / 12 Threads), Motherboard: ASUS PRIME X370-PRO (4012 BIOS), Chipset: AMD Family 17h, Memory: 16384MB, Disk: 512GB PCIe SSD, Graphics: MSI NVIDIA GeForce GT 710 2GB, Audio: NVIDIA GK208 HDMI/DP, Network: Intel I211

OS: CentOS Linux 7, Kernel: 3.10.0-957.12.2.el7.x86_64 (x86_64), Compiler: GCC 4.8.5 20150623, File-System: xfs

Compiler Notes: --build=x86_64-redhat-linux --disable-libgcj --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,objc,obj-c++,java,fortran,ada,go,lto --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=x86-64 --with-linker-hash-style=gnu --with-tune=generic
Disk Notes: NONE / attr2,inode64,noquota,relatime,rw,seclabel
Processor Notes: Scaling Governor: acpi-cpufreq conservative
Python Notes: Python 2.7.5
Security Notes: SELinux

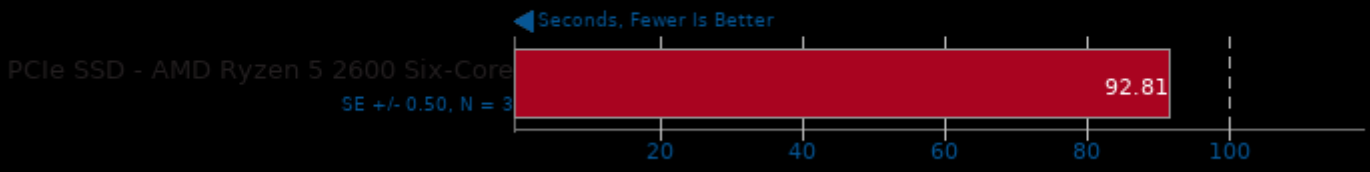
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	PCIe SSD - AMD Ryzen 5 2600 Six-Core
SQLite - T.S.I (sec)	92.81
Standard Deviation	0.9%
Compile Bench - Initial Create (MB/s)	175.05
Standard Deviation	1.1%
PostMark - D.T.P (TPS)	3750
Standard Deviation	1.7%
Stream - Copy (MB/s)	26643
Standard Deviation	0.1%
C-Ray - Total Time - 4.1.R.P.P (sec)	98.90
Standard Deviation	0.3%
N-Queens - Elapsed Time (sec)	23.31
Standard Deviation	0%
Systemd Kernel Boot Time (ms)	633

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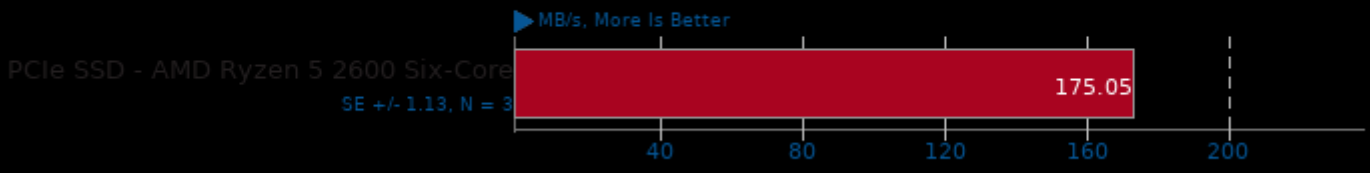
SQLite 3.7.17

Timed SQLite Insertions



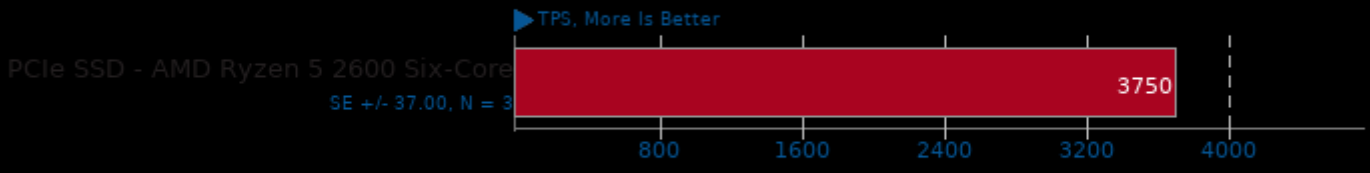
Compile Bench 0.6

Test: Initial Create



PostMark 1.51

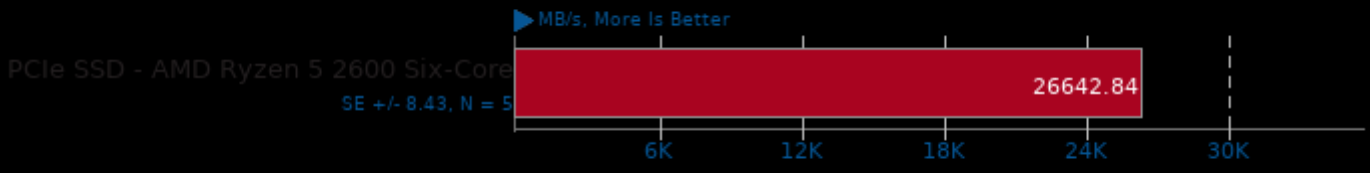
Disk Transaction Performance



1. (CC) gcc options: -O3

Stream 2013-01-17

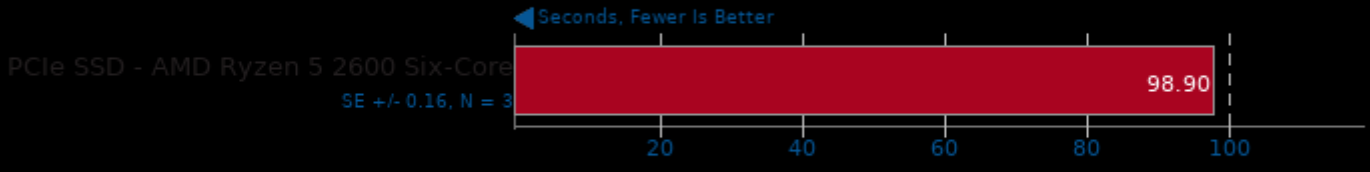
Type: Copy



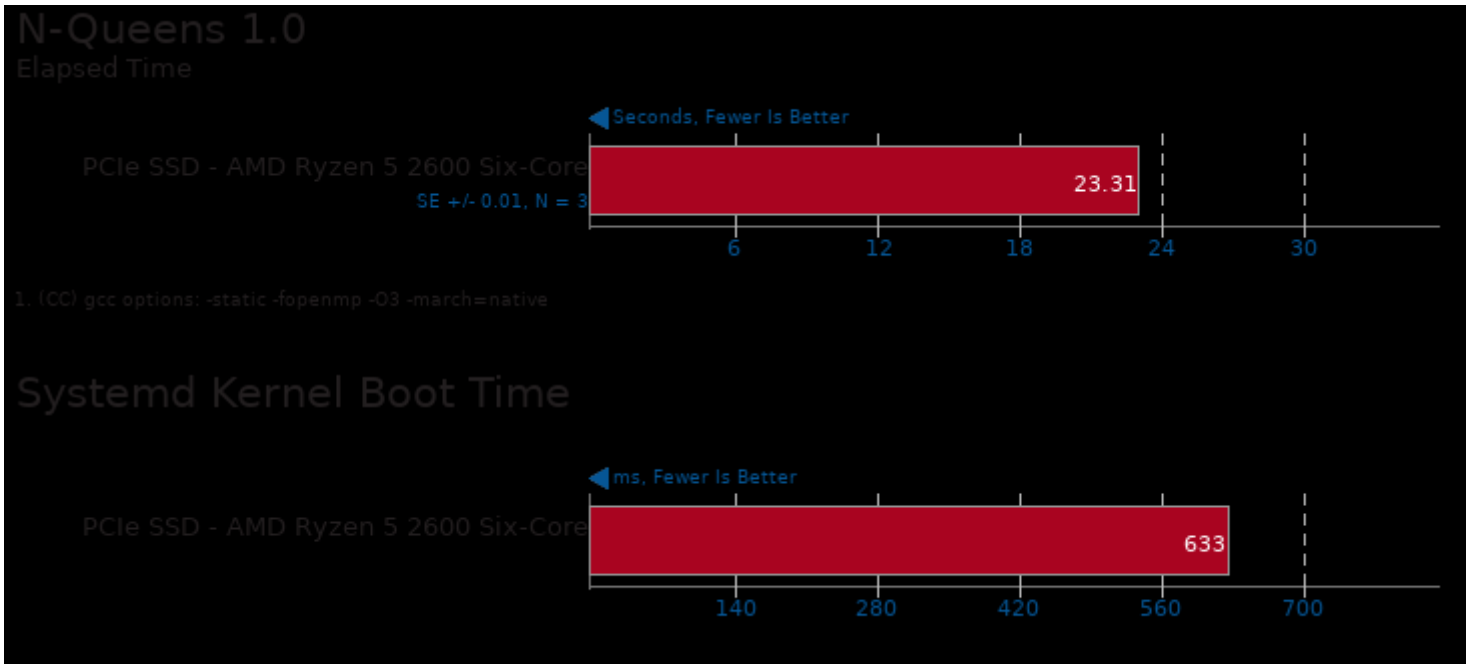
1. (CC) gcc options: -O3 -march=native -fopenmp

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 Friday, 29 March 2024 04:47.