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HarlemSquirrel

AMD Ryzen 7 1800X Eight-Core @ 3.90GHz

Test Systems:

first

Processor: AMD Ryzen 7 1800X Eight-Core @ 3.60GHz (16 Cores), Motherboard: ASUS CROSSHAIR VI HERO, Chipset: AMD Device 1450, Memory: 16384MB, Disk: 2000GB Western Digital WD20EZRX-00D + 1024GB Samsung SSD 960 PRO 1TB, Graphics: AMD Radeon R9 FURY / NANO 4096MB, Audio: AMD Fiji HDMI/DP, Monitor: ASUS PB278, Network: Intel I211 Gigabit Connection

OS: Antergos Linux 17.4-ISO-Rolling, Kernel: 4.11.9-1-ARCH (x86_64), Desktop: GNOME Shell 3.24.2, Display Server: Wayland, Display Driver: modesetting 1.19.3, OpenGL: 4.5 Mesa 17.1.4 Gallium 0.4 (LLVM 4.0.1), Vulkan: 1.0.3, Compiler: GCC 7.1.1 20170630, File-System: ext4, Screen Resolution: 2560x1440

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-multilib --disable-werror --enable-__cxa_atexit --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++ --enable-libmpx --enable-lto --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man

--with-isl --with-linker-hash-style=gnu
Disk Notes: NONE / data=ordered,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq schedutil

clang

Processor: AMD Ryzen 7 1800X Eight-Core @ 3.60GHz (16 Cores), Motherboard: ASUS CROSSHAIR VI HERO, Chipset: AMD Device 1450, Memory: 16384MB, Disk: 2000GB Western Digital WD20EZRX-00D + 1024GB Samsung SSD 960 PRO 1TB, Graphics: AMD Radeon R9 FURY / NANO 4096MB, Audio: AMD Fiji HDMI/DP, Monitor: ASUS PB278, Network: Intel I211 Gigabit Connection

OS: Antergos Linux 17.4-ISO-Rolling, Kernel: 4.11.9-1-ARCH (x86_64), Desktop: GNOME Shell 3.24.2, Display Server: Wayland, Display Driver: modesetting 1.19.3, OpenGL: 4.5 Mesa 17.1.4 Gallium 0.4 (LLVM 4.0.1), Vulkan: 1.0.3, Compiler: Clang 4.0.1 + GCC 7.1.1 20170630, File-System: ext4, Screen Resolution: 2560x1440

Disk Notes: NONE / data=ordered,relatime,rw
Processor Notes: Scaling Governor: acpi-cpufreq schedutil

mesa updated 2017-07-20

Processor: AMD Ryzen 7 1800X Eight-Core @ 3.60GHz (16 Cores), Motherboard: ASUS CROSSHAIR VI HERO, Chipset: AMD Device 1450, Memory: 16384MB, Disk: 2000GB Western Digital WD20EZRX-00D + 1024GB Samsung SSD 960 PRO 1TB, Graphics: AMD Radeon R9 FURY / NANO 4096MB, Audio: AMD Fiji HDMI/DP, Monitor: ASUS PB278, Network: Intel I211 Gigabit Connection

OS: Antergos Linux 17.4-ISO-Rolling, Kernel: 4.11.9-1-ARCH (x86_64), Desktop: GNOME Shell 3.24.3, Display Server: Wayland, Display Driver: modesetting 1.19.3, OpenGL: 4.5 Mesa 17.1.5 Gallium 0.4 (LLVM 4.0.1), Vulkan: 1.0.3, Compiler: GCC 7.1.1 20170630 + Clang 4.0.1, File-System: ext4, Screen Resolution: 2560x1440

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-multilib --disable-werror --enable-__cxa_atexit --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++ --enable-libmpx --enable-lto --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

bios1701_docp1

Processor: AMD Ryzen 7 1800X Eight-Core @ 3.30GHz (16 Cores), Motherboard: ASUS CROSSHAIR VI HERO, Chipset: AMD Family 17h, Memory: 16384MB, Disk: 2000GB Western Digital WD20EZRX-00D + 1024GB Samsung SSD 960 PRO 1TB, Graphics: AMD Radeon 4096MB, Audio: AMD Fiji HDMI/DP, Monitor: ASUS PB278, Network: Intel I211 Gigabit Connection

OS: Arch rolling, Kernel: 4.13.6-1-ARCH (x86_64), Desktop: GNOME Shell 3.26.1, Display Server: Wayland, Display Driver: modesetting 1.19.3, OpenGL: 4.5 Mesa 17.2.2 (LLVM 5.0.0), Compiler: GCC 7.2.0 + Clang 5.0.0, File-System: ext4, Screen Resolution: 2560x1440

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-multilib --disable-werror --enable-__cxa_atexit --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++ --enable-libmpx --enable-lto --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

AMD Ryzen 7 1800X Eight-Core @ 3.90GHz

Processor: AMD Ryzen 7 1800X Eight-Core @ 3.90GHz (8 Cores / 16 Threads), Motherboard: ASUS CROSSHAIR VI HERO, Chipset: AMD Family 17h, Memory: 16384MB, Disk: 2000GB Western Digital WD20EZRX-00D + 1024GB

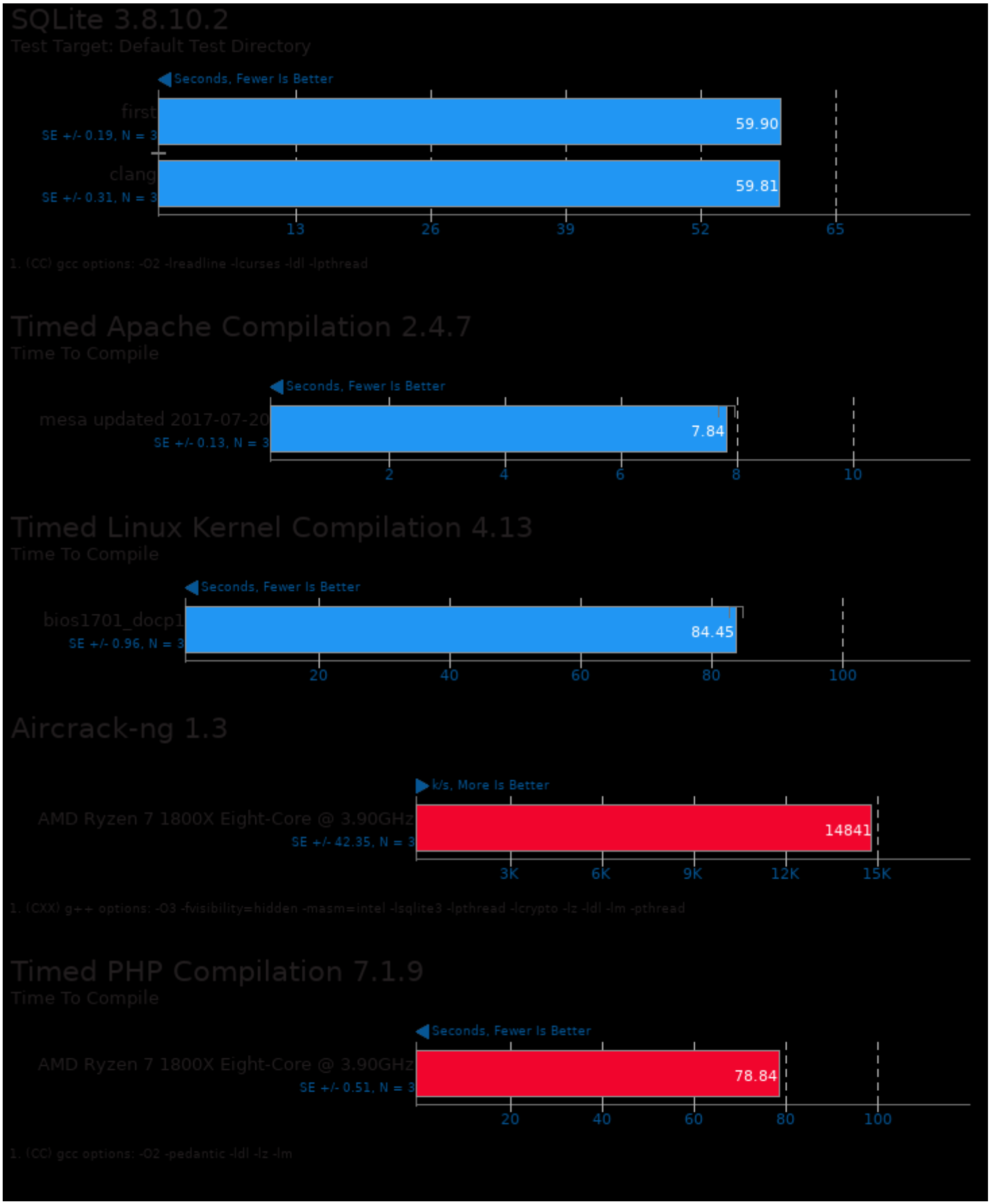
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Samsung SSD 960 PRO 1TB, Graphics: AMD Radeon 4096MB, Audio: AMD Fiji HDMI/DP, Monitor: ASUS PB278, Network: Intel I211 Gigabit Connection

OS: Antergos rolling, Kernel: 4.19.9-arch1-1-ARCH (x86_64), Desktop: GNOME Shell 3.30.2, Display Server: Wayland, Display Driver: modesetting 1.19.5, OpenGL: 4.5 Mesa 18.3.1 (LLVM 7.0.0), OpenCL: OpenCL 2.1 AMD-APP (2671.3), Compiler: GCC 8.2.1 20181127 + Clang 7.0.1, File-System: ext4, Screen Resolution: 2560x1440

Kernel Notes: amdgpu.dc=1
Environment Notes: GJS_DEBUG_OUTPUT=stderr GJS_DEBUG_TOPICS=JS ERROR;JS LOG
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++ --enable-libmpx --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

	first	clang	mesa updated 2017-07-20	bios1701_docp1	AMD Ryzen 7 1800X Eight-Core @ 3.90GHz
SQLite - D.T.D (sec)	**59.90**	**59.81**			
Normalized	99.85%	100%			
Standard Deviation	0.6%	0.9%			
Timed Apache Compilation - Time To Compile (sec)			7.84		
Standard Deviation			2.9%		
Timed Linux Kernel Compilation - Time To Compile (sec)				84.45	
Standard Deviation				2%	
Aircrack-ng (k/s)					14841
Standard Deviation					0.5%
Timed PHP Compilation - Time To Compile (sec)					78.84
Standard Deviation					1.1%



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