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xps13-2020

Dell XPS 13 7390 Compilation Tests

Test Systems:

xps13-compilation

Processor: Intel Core i7-10710U @ 4.70GHz (6 Cores / 12 Threads), Motherboard: Dell 0377MH (1.1.3 BIOS), Chipset: Intel Device 02ef, Memory: 2 x 8192 MB LPDDR3-2133MT/s H9CCNNNCLGALAR-NVD, Disk: KXG60ZNV1T02 NVMe TOSHIBA 1024GB, Graphics: i915drmfb (1150MHz), Audio: Realtek ALC3271, Network: Intel Wi-Fi 6 AX200

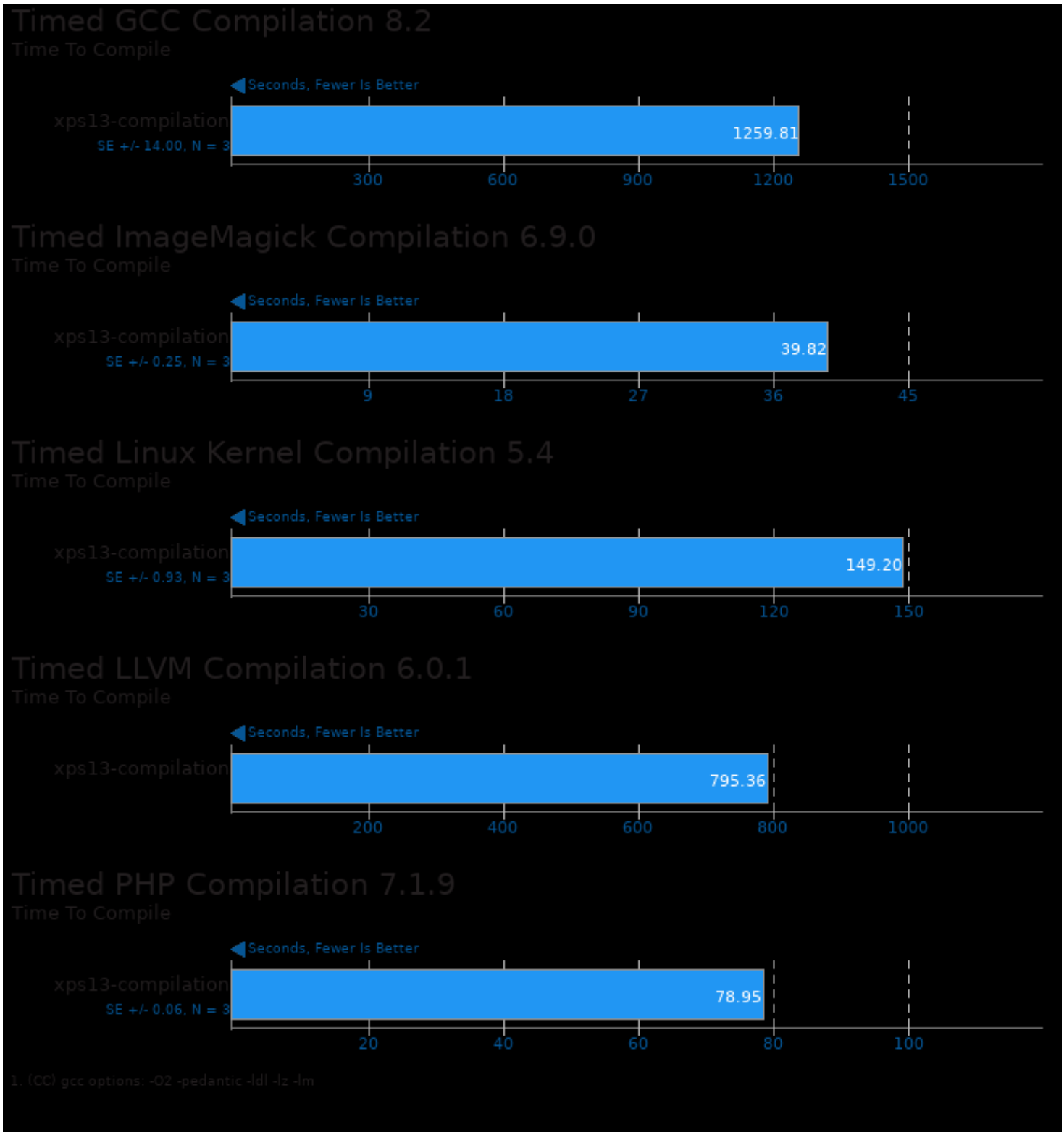
OS: Ubuntu 20.04, Kernel: 5.4.0-9-generic (x86_64), Desktop: GNOME Shell 3.34.3, Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, Compiler: GCC 9.2.1 20191130, File-System: zfs, Screen Resolution: 3840x2160

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none,hsa --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-build-config=bootstrap-lto-lean --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave - CPU Microcode: 0xca
Python Notes: Python 2.7.17 + Python 3.7.6

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Security Notes: itlb_multihit: KVM: Mitigation of Split huge pages + 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 Enhanced IBRS IBPB: conditional RSB filling + tsx_async_abort: Not affected

	xps13-compilation
Timed GCC Compilation - Time To Compile (sec)	1260
Standard Deviation	1.9%
Timed ImageMagick Compilation - Time To Compile (sec)	39.817
Standard Deviation	1.1%
Timed Linux Kernel Compilation - Time To Compile (sec)	149.197
Standard Deviation	1.1%
Timed LLVM Compilation - Time To Compile (sec)	795.355
Timed PHP Compilation - Time To Compile (sec)	78.952
Standard Deviation	0.1%



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