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# pboneg30undv

AMD Ryzen 9 5950X 16-Core testing with a ASUS ProArt X570-CREATOR WIFI (0402 BIOS) and Gigabyte AMD Radeon RX 6800/6800 XT / 6900 16GB on Fedora Linux 35 via the Phoronix Test Suite.

## Test Systems:

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Processor: AMD Ryzen 9 5950X 16-Core @ 3.40GHz (16 Cores / 32 Threads), Motherboard: ASUS ProArt X570-CREATOR WIFI (0402 BIOS), Chipset: AMD Starship/Matisse, Memory: 4 x 32 GB DDR4-3600MT/s Kingston, Disk: 2 x 1000GB Samsung SSD 980 PRO 1TB, Graphics: Gigabyte AMD Radeon RX 6800/6800 XT / 6900 16GB (2575/1000MHz), Audio: AMD Navi 21 HDMI Audio, Monitor: SONY X8500E, Network: Aquantia Device 94c0 + Intel I225-V + Intel Wi-Fi 6 AX210/AX211/AX411

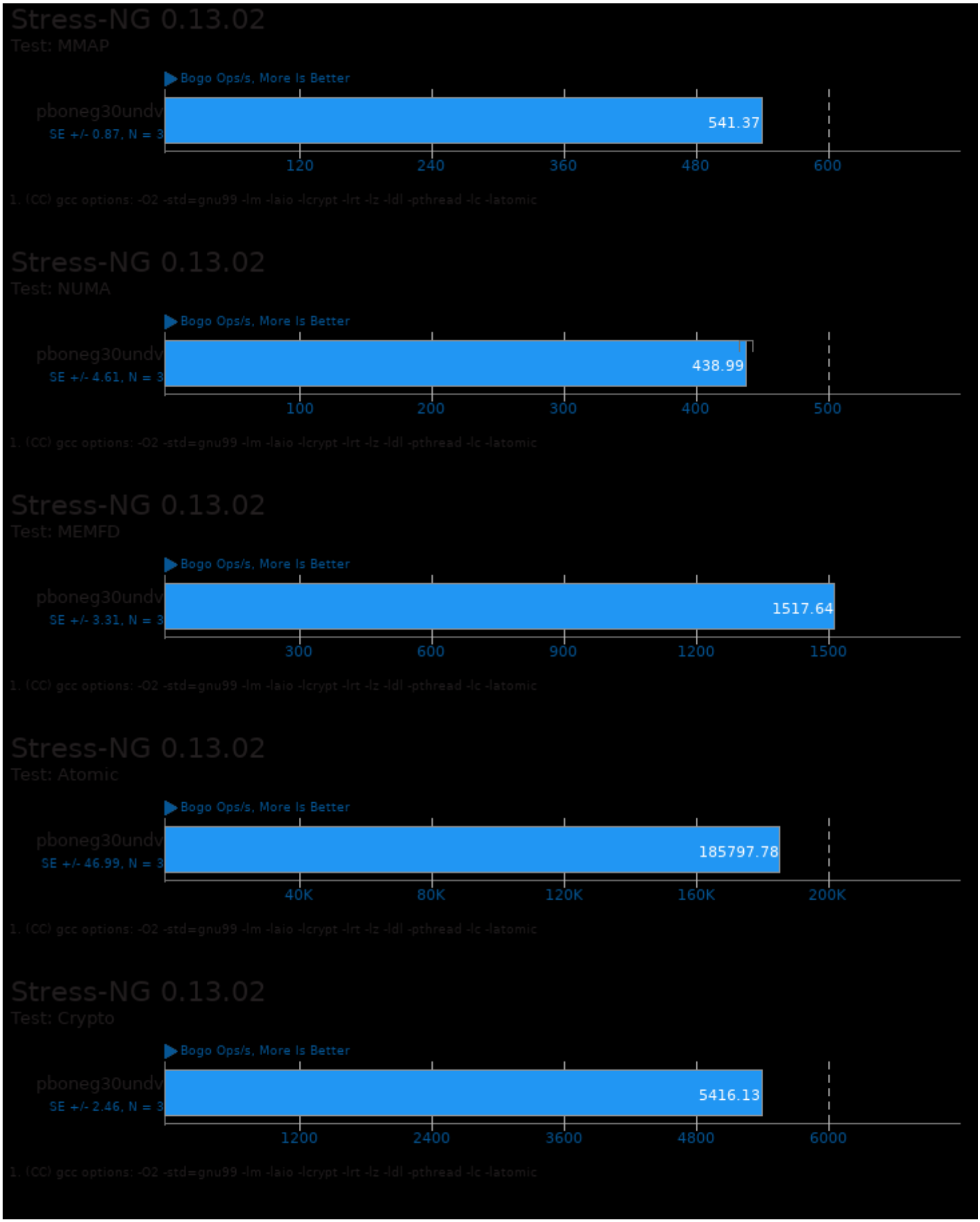
OS: Fedora Linux 35, Kernel: 5.14.11-300.fc35.x86_64 (x86_64), Desktop: KDE Plasma 5.22.5, Display Server: X Server 1.20.11, OpenGL: 4.6 Mesa 21.2.3 (LLVM 13.0.0), Vulkan: 1.2.182, File-System: btrfs, Screen Resolution: 3840x2160

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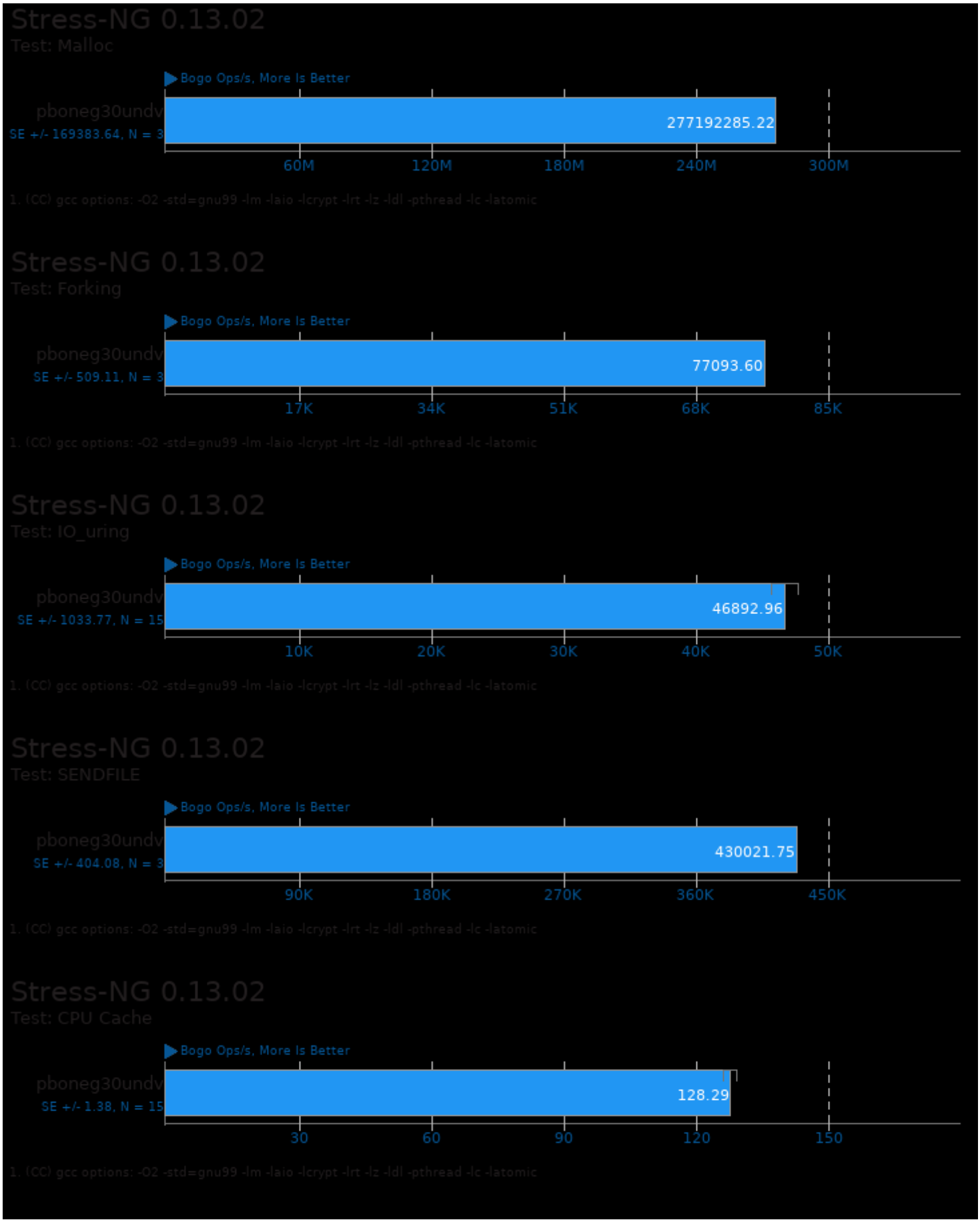
Kernel Notes: amdgpu.ppfeaturemask=0xffffffff drm.edid_firmware=edid/good-edid-test.bin drm.edid_firmware=HDMI-A-1:edid/good-edid-test.bin - Transparent Huge Pages: madvise
Environment Notes: DEBUGINFOD_URLS=https://debuginfod.fedoraproject.org/
Compiler Notes: --build=x86_64-redhat-linux --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,objc,obj-c++,ada,go,d,lto --enable-link-serialization=1 --enable-multilib --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-build-config=bootstrap-lto --with-gcc-major-version-only --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver
Processor Notes: Scaling Governor: acpi-cpufreq performance (Boost: Enabled) - CPU Microcode: 0xa201016
Security Notes: SELinux + 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: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

| | pboneg30undv |
|---|---|
| **Stress-NG - MMAP (Bogo Ops/s)** | 541.37 |
| **Standard Deviation** | 0.3% |
| **Stress-NG - NUMA (Bogo Ops/s)** | 438.99 |
| **Standard Deviation** | 1.8% |
| **Stress-NG - MEMFD (Bogo Ops/s)** | 1518 |
| **Standard Deviation** | 0.4% |
| **Stress-NG - Atomic (Bogo Ops/s)** | 185798 |
| **Standard Deviation** | 0% |
| **Stress-NG - Crypto (Bogo Ops/s)** | 5416 |
| **Standard Deviation** | 0.1% |
| **Stress-NG - Malloc (Bogo Ops/s)** | 277192285 |
| **Standard Deviation** | 0.1% |
| **Stress-NG - Forking (Bogo Ops/s)** | 77094 |
| **Standard Deviation** | 1.1% |
| **Stress-NG - IO_uring (Bogo Ops/s)** | 46893 |
| **Standard Deviation** | 8.5% |
| **Stress-NG - SENDFILE (Bogo Ops/s)** | 430022 |
| **Standard Deviation** | 0.2% |
| **Stress-NG - CPU Cache (Bogo Ops/s)** | 128.29 |
| **Standard Deviation** | 4.2% |
| **Stress-NG - CPU Stress (Bogo Ops/s)** | 53240 |
| **Standard Deviation** | 0.2% |
| **Stress-NG - Semaphores (Bogo Ops/s)** | 2452565 |
| **Standard Deviation** | 0.5% |
| **Stress-NG - Matrix Math (Bogo Ops/s)** | 75701 |
| **Standard Deviation** | 0.3% |
| **Stress-NG - Vector Math (Bogo Ops/s)** | 107247 |
| **Standard Deviation** | 0% |
| **Stress-NG - Memory Copying (Bogo Ops/s)** | 7291 |
| **Standard Deviation** | 0.4% |
| **Stress-NG - Socket Activity (Bogo Ops/s)** | 6733 |
| **Standard Deviation** | 11.3% |
| **Stress-NG - Context Switching (Bogo Ops/s)** | 2369849 |
| **Standard Deviation** | 1.1% |
| **Stress-NG - G.C.S.F (Bogo Ops/s)** | 2696663 |
| **Standard Deviation** | 1% |
| **Stress-NG - G.Q.D.S (Bogo Ops/s)** | 262.80 |
| **Standard Deviation** | 0.2% |
| **Stress-NG - S.V.M.P (Bogo Ops/s)** | 9381220 |
| **Standard Deviation** | 0.3% |

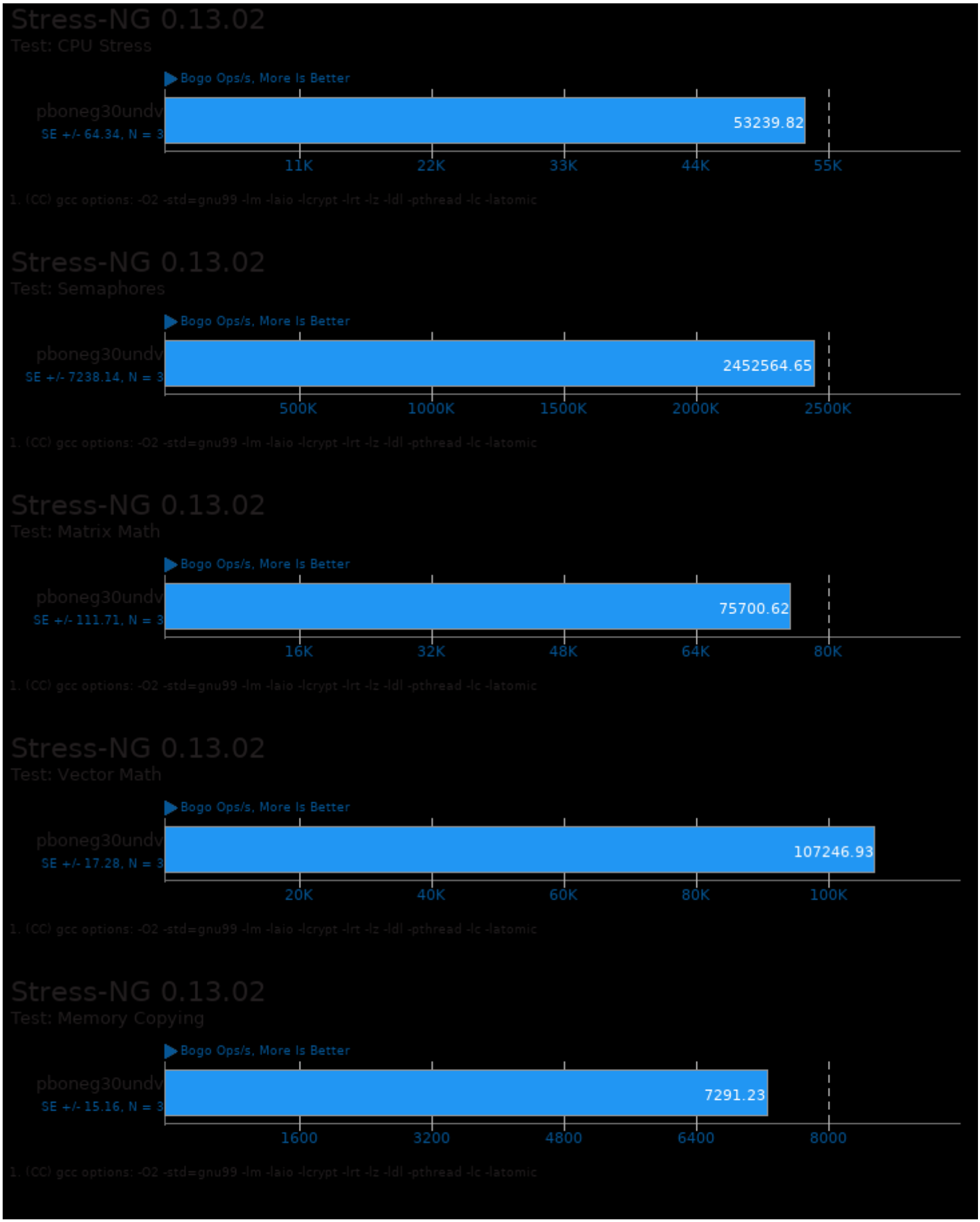
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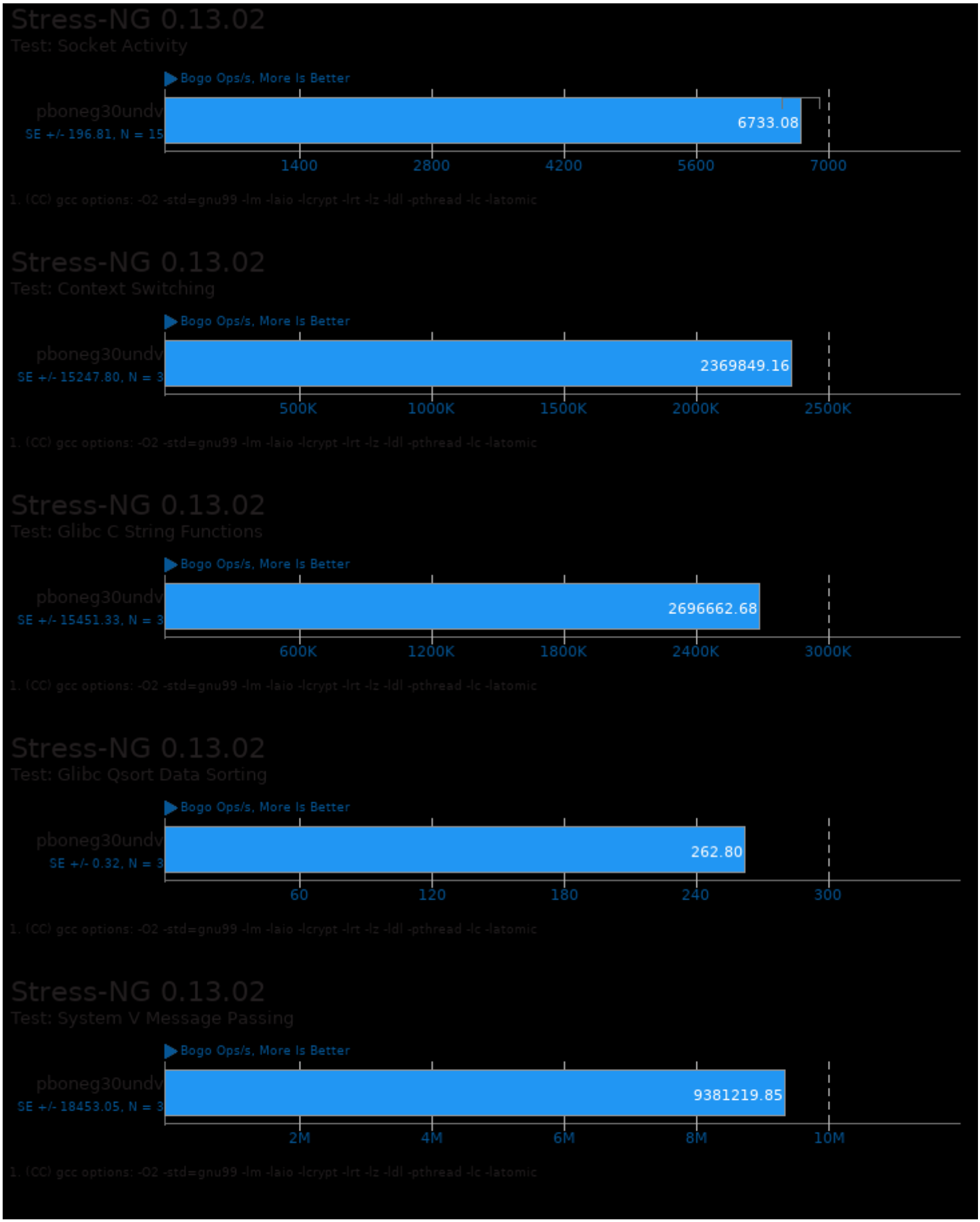


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*This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024*

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