



/tmp/java.results

AMD Ryzen 9 5950X 16-Core testing with a ASUS ROG STRIX B450-F GAMING II (4602 BIOS) and AMD Radeon RX 5500/5500M / Pro 5500M 4GB on Linux From Scratch r11.0-105-systemd via the Phoronix Test Suite.

Test Systems:

5950X-II

Processor: AMD Ryzen 9 5950X 16-Core @ 3.40GHz (16 Cores / 32 Threads), Motherboard: ASUS ROG STRIX B450-F GAMING II (4602 BIOS), Chipset: AMD Starship/Matisse, Memory: 64GB, Disk: 2 x Samsung SSD 980 PRO 500GB, Graphics: AMD Radeon RX 5500/5500M / Pro 5500M 4GB (1900/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: FHD2400, Network: Intel I211

OS: Linux From Scratch r11.0-105-systemd, Kernel: 5.15.16-MARSUPIAL (x86_64), Desktop: KDE Plasma, Display Server: X Server 1.21.1.2, Vulkan: 1.2.195, Compiler: GCC 11.2.0 + Clang 13.0.0 + LLVM 13.0.0, File-System: ext4, Screen Resolution: 1920x1200

Environment Notes: MAKEFLAGS=-j63

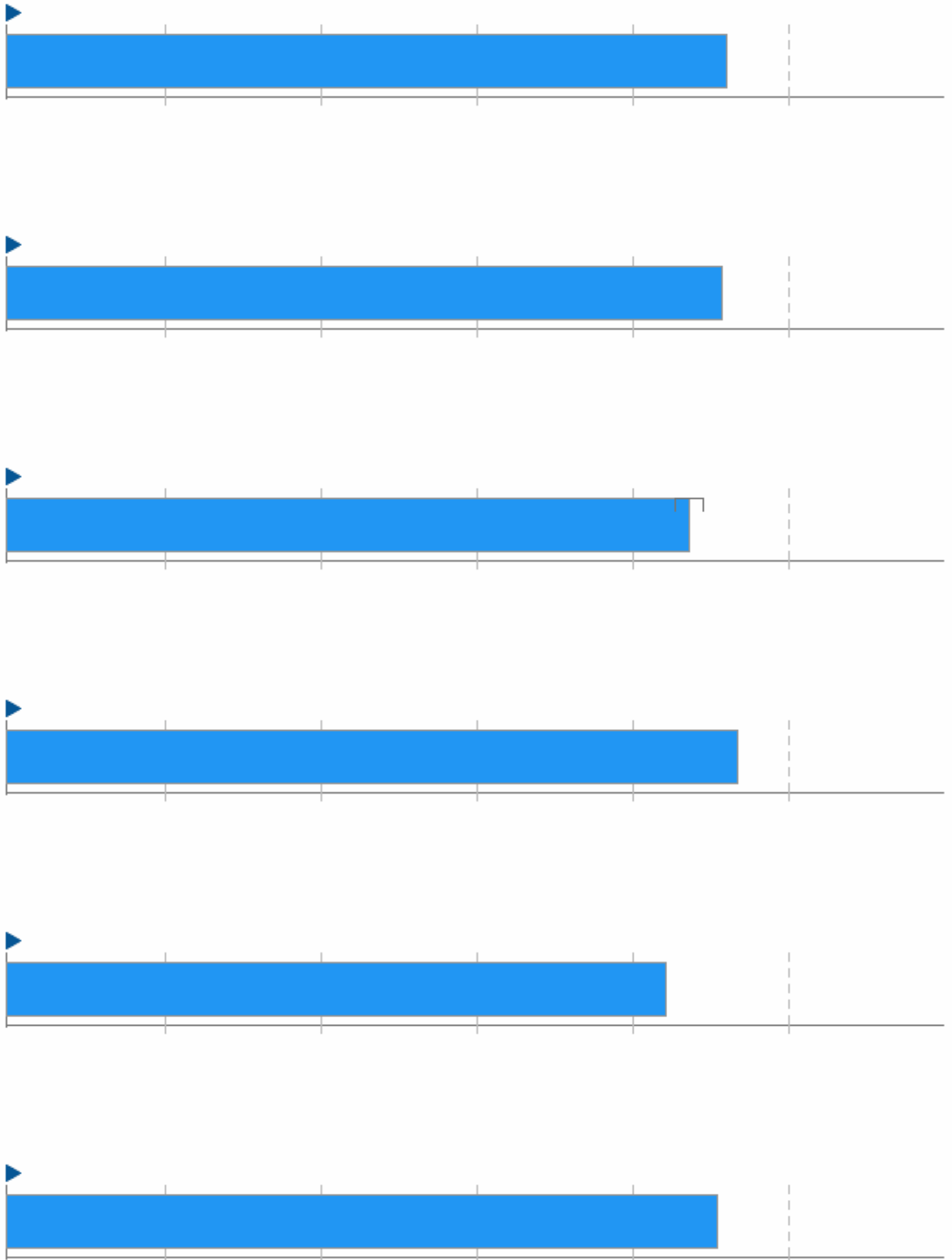
Processor Notes: Scaling Governor: acpi-cpufreq performance (Boost: Enabled) - CPU Microcode: 0xa201016

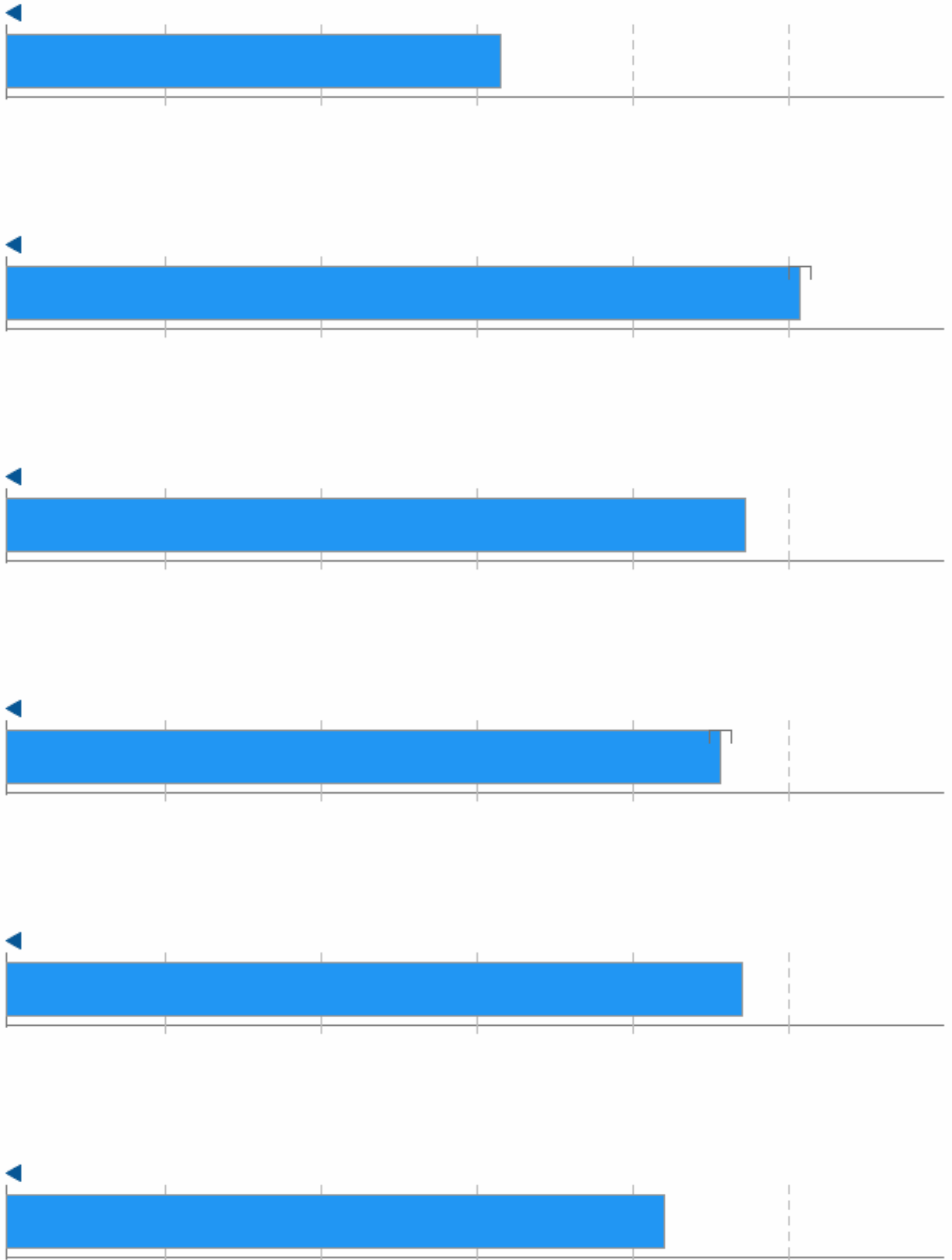
Java Notes: OpenJDK Runtime Environment (build 17.0.1+12)

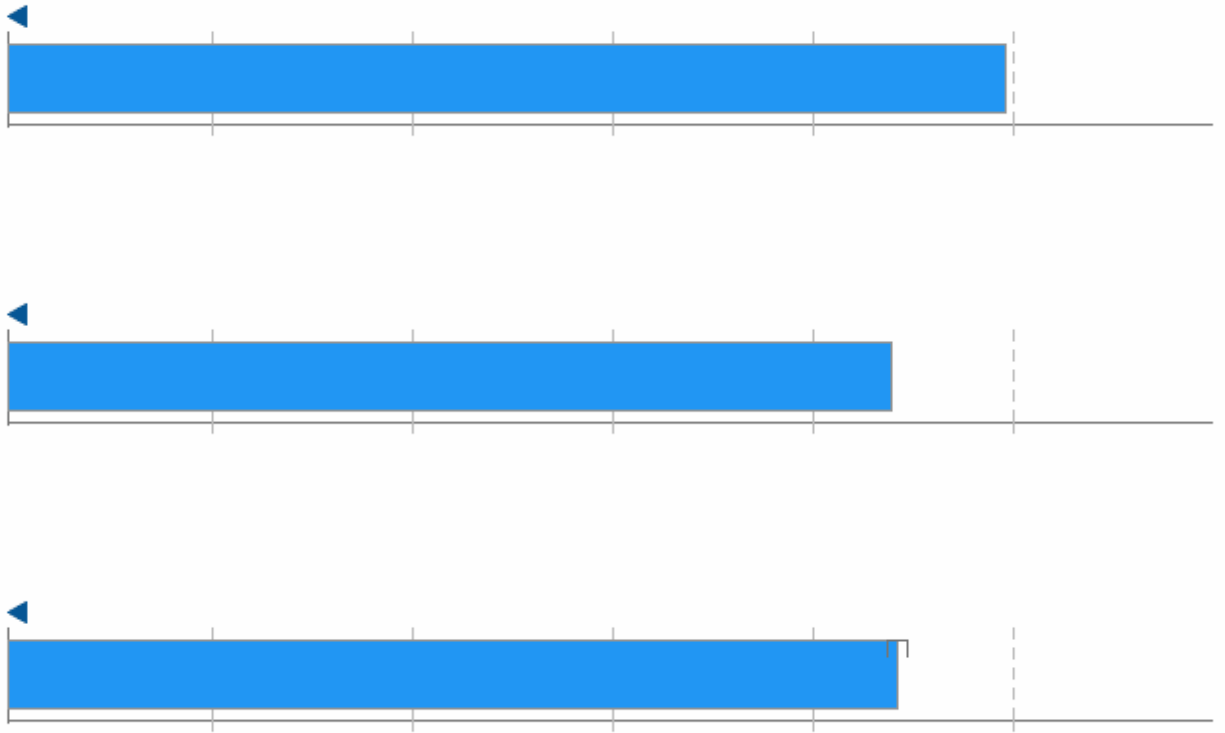
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional IBRS_FW STIBP: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

5950X-II

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|---|-------|
| Java SciMark - Composite (Mflops) | 3696 |
| Standard Deviation | 1.1% |
| Java SciMark - Monte Carlo (Mflops) | 1835 |
| Standard Deviation | 0.6% |
| Java SciMark - F.F.T (Mflops) | 2625 |
| Standard Deviation | 4% |
| Java SciMark - S.M.M (Mflops) | 3286 |
| Standard Deviation | 0.2% |
| Java SciMark - D.L.M.F (Mflops) | 8457 |
| Standard Deviation | 1.1% |
| Java SciMark - J.S.O.R (Mflops) | 2278 |
| Standard Deviation | 0.3% |
| Bork File Encrypter - F.E.T (sec) | 6.334 |
| Standard Deviation | 1.2% |
| DaCapo Benchmark - H2 (msec) | 2037 |
| Standard Deviation | 5.8% |
| DaCapo Benchmark - Jython (msec) | 2843 |
| Standard Deviation | 1% |
| Renaissance - Scala Dotty (ms) | 595.2 |
| Standard Deviation | 5.8% |
| Renaissance - Savina Reactors.IO (ms) | 4250 |
| Standard Deviation | 0.5% |
| Renaissance - F.H.R (ms) | 1689 |
| Standard Deviation | 1.3% |
| Renaissance - A.U.C.T (ms) | 9957 |
| Standard Deviation | 0.7% |
| Renaissance - G.A.U.J.F (ms) | 882.2 |
| Standard Deviation | 1% |
| Sunflow Rendering System - G.I.I.S (sec) | 0.545 |
| Standard Deviation | 4.3% |







This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 28 January 2022 02:08.