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Athlon low-end

AMD Athlon 3000G testing with a ASUS PRIME B350M-E (5220 BIOS) and ASUS AMD Picasso 2GB on CentOS Linux 8 via the Phoronix Test Suite.

Test Systems:

AMD Athlon 3000G

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Raven/Raven2, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS AMD Picasso 2GB (1100MHz), Audio: AMD Raven/Raven2/Fenghuang, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: CentOS Linux 8, Kernel: 4.18.0-151.el8.x86_64 (x86_64), Desktop: GNOME Shell 3.32.2, Display Server: X Server + Wayland, OpenGL: 4.5 Mesa 18.3.1 (LLVM 7.0.1), Compiler: GCC 8.3.1 20190507, File-System: xfs, Screen Resolution: 1920x1080

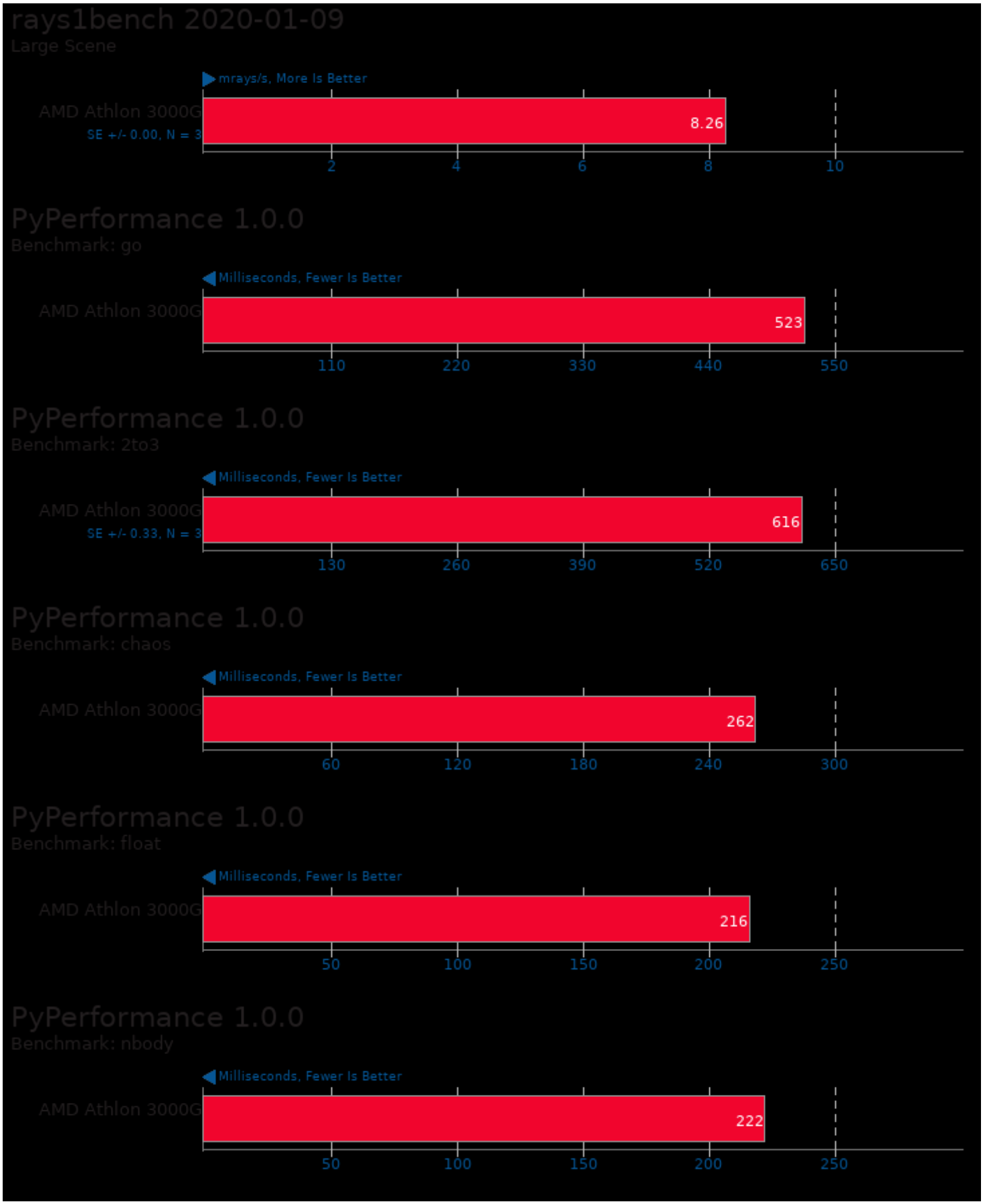
Compiler Notes: --build=x86_64-redhat-linux --disable-libmpx --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,lto --enable-multilib

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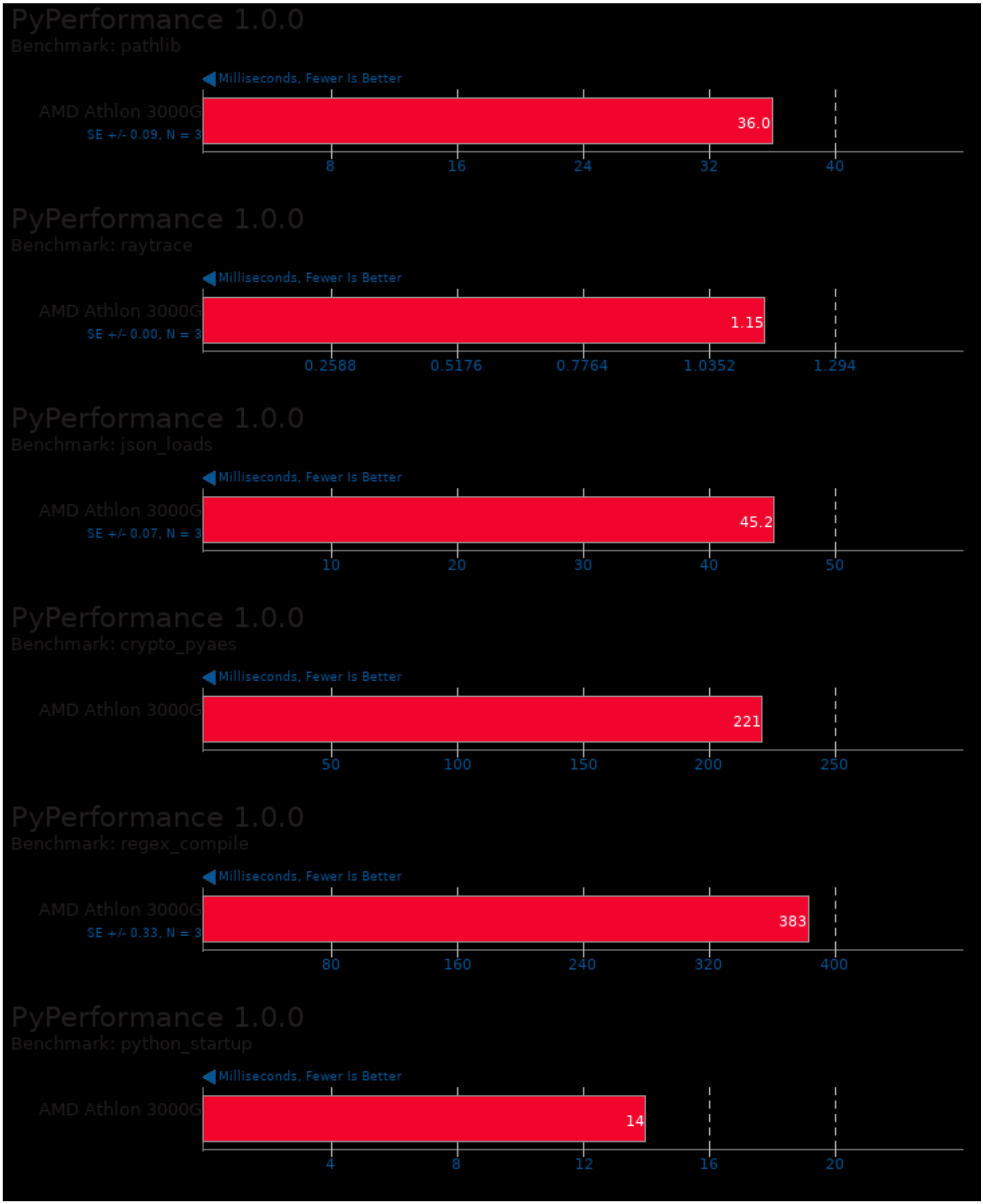
--enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=x86-64 --with-gcc-major-version-only --with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x8108109
Python Notes: + Python 3.6.8
Security Notes: SELinux + 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 STIBP: disabled RSB filling

	AMD Athlon 3000G
rays1bench - Large Scene (mrays/s)	8.26
Standard Deviation	0%
PyPerformance - go (Milliseconds)	523
PyPerformance - 2to3 (Milliseconds)	616
Standard Deviation	0.1%
PyPerformance - chaos (Milliseconds)	262
PyPerformance - float (Milliseconds)	216
PyPerformance - nbody (Milliseconds)	222
PyPerformance - pathlib (Milliseconds)	36.0
Standard Deviation	0.4%
PyPerformance - raytrace (Milliseconds)	1.15
Standard Deviation	0.5%
PyPerformance - json_loads (Milliseconds)	45.2
Standard Deviation	0.3%
PyPerformance - crypto_pyaes (Milliseconds)	221
PyPerformance - regex_compile (Milliseconds)	383
Standard Deviation	0.2%
PyPerformance - python_startup (Milliseconds)	14
PyPerformance - django_template (Milliseconds)	163
Standard Deviation	0.6%
PyPerformance - pickle_pure_python (Milliseconds)	1.13
Standard Deviation	0.5%

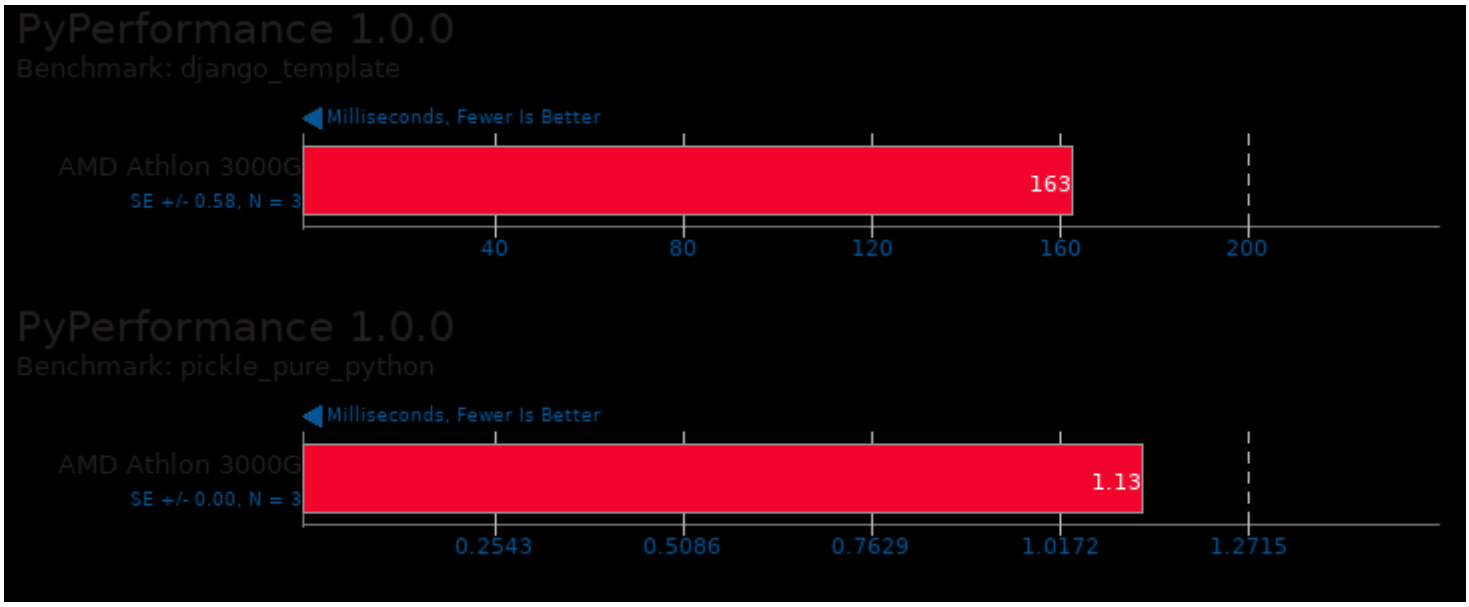
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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 11:12.