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TR_SVC_Stockfishes_Run1

AMD Ryzen Threadripper 3990X 64-Core testing with a ASRockRack TRX40D8-2N2T (P1.10 BIOS) and ASPEED on Ubuntu 18.04 via the Phoronix Test Suite.

Test Systems:

AMD Ryzen Threadripper 3990X 64-Core

both stockfishes

Processor: AMD Ryzen Threadripper 3990X 64-Core @ 4.25GHz (64 Cores / 128 Threads), Motherboard: ASRockRack TRX40D8-2N2T (P1.10 BIOS), Chipset: AMD Device 1480, Memory: 252GB, Disk: 1024GB SAMSUNG MZVL21T0HCLR-00B00, Graphics: ASPEED, Audio: AMD Device 1487, Monitor: DELL 1907FP, Network: 2 x Intel Device 15ff + 2 x Intel Device 15f2

OS: Ubuntu 18.04, Kernel: 5.4.0-90-generic (x86_64), Desktop: GNOME Shell 3.28.4, Display Server: X Server 1.20.8, Compiler: GCC 7.5.0, File-System: ext4, Screen Resolution: 1280x1024

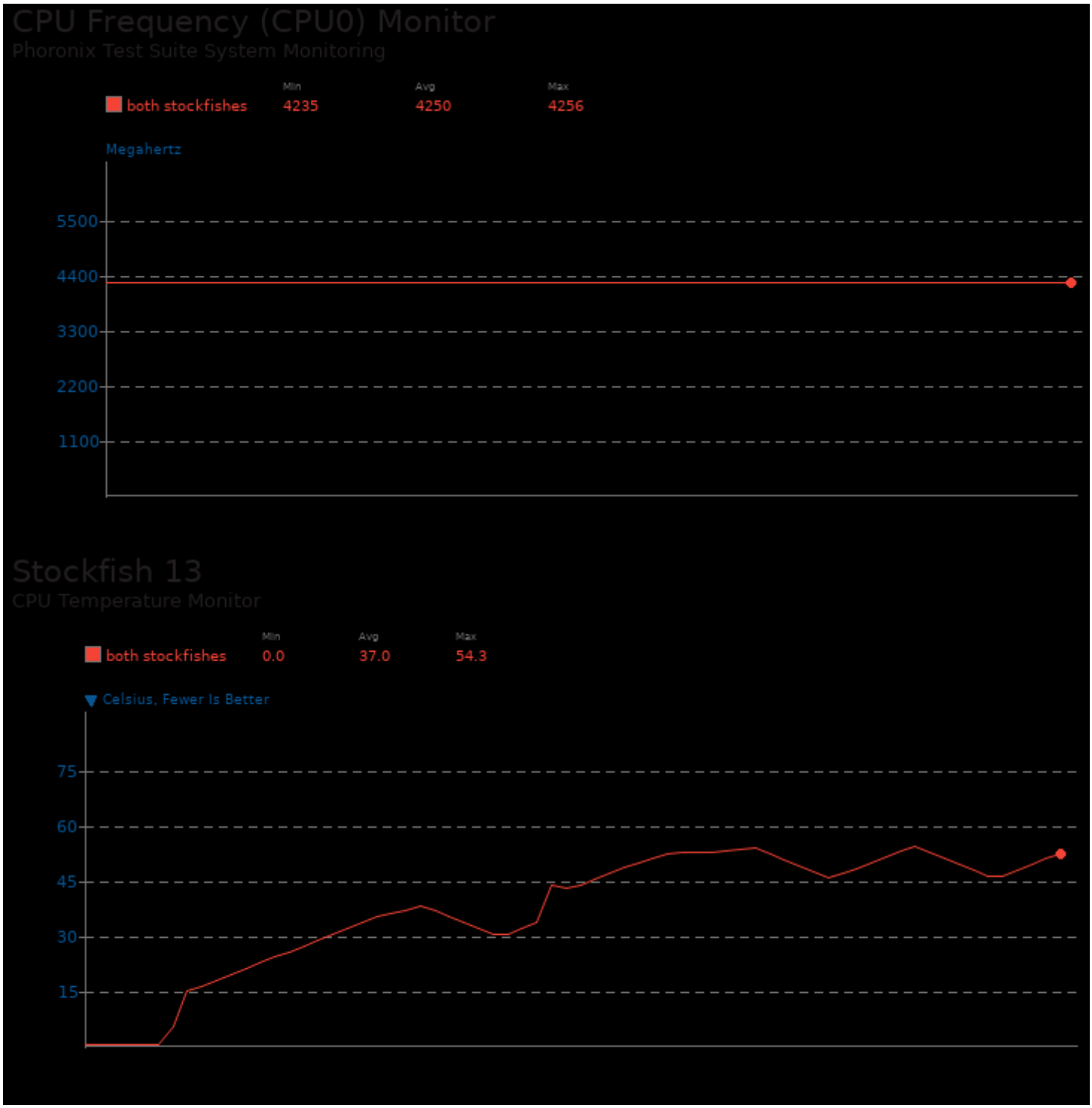
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Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --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-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: acpi-cpufreq ondemand (Boost: Enabled) - CPU Microcode: 0x8301025
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/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

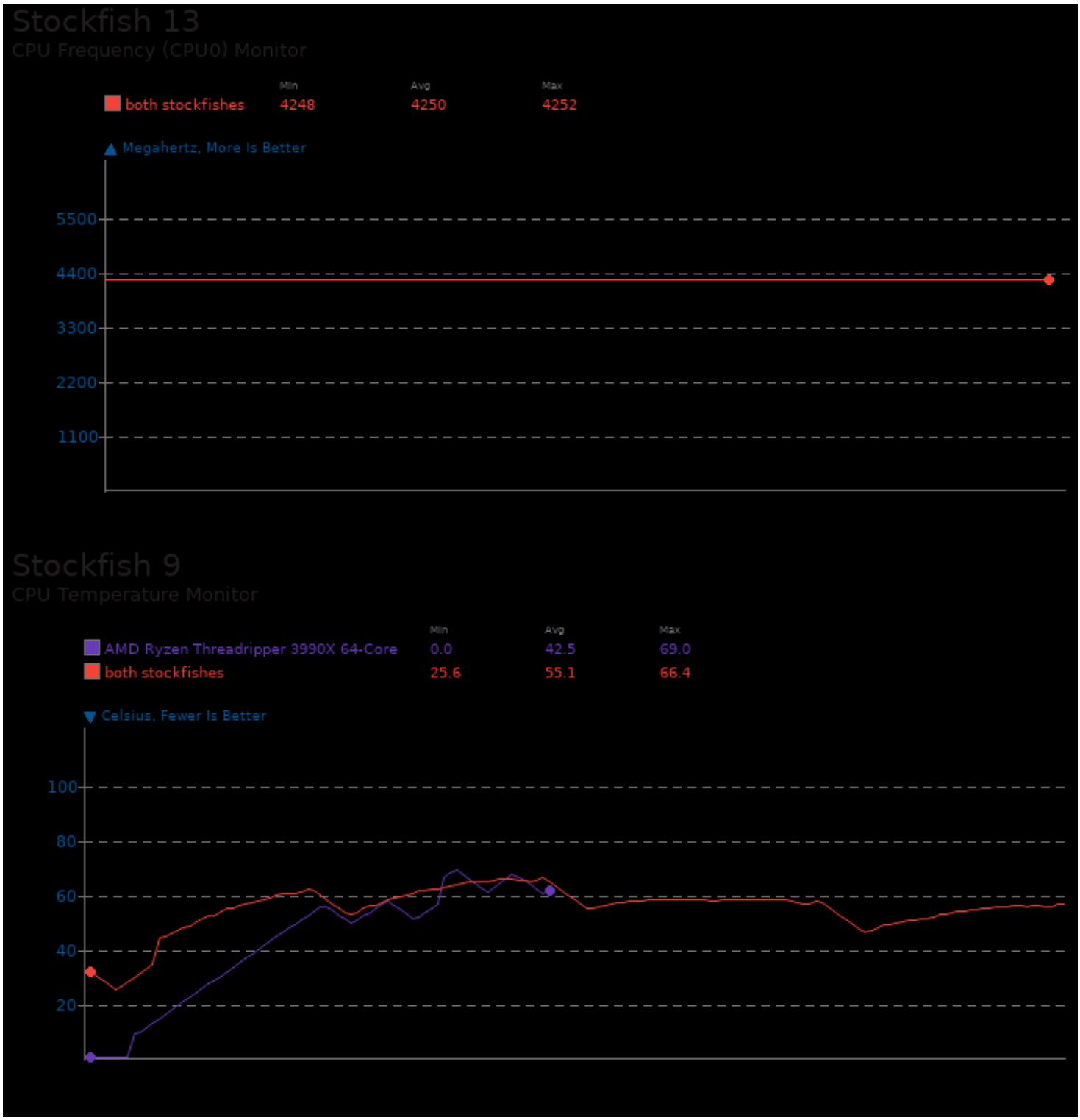
	AMD Ryzen Threadripper 3990X 64-Core	both stockfishes
Stockfish - Total Time (Nodes/s)	**210062485**	**210219100**
Normalized	99.93%	100%
Standard Deviation		1.9%
Stockfish - Total Time (Nodes/s)		184470870
Standard Deviation		0%

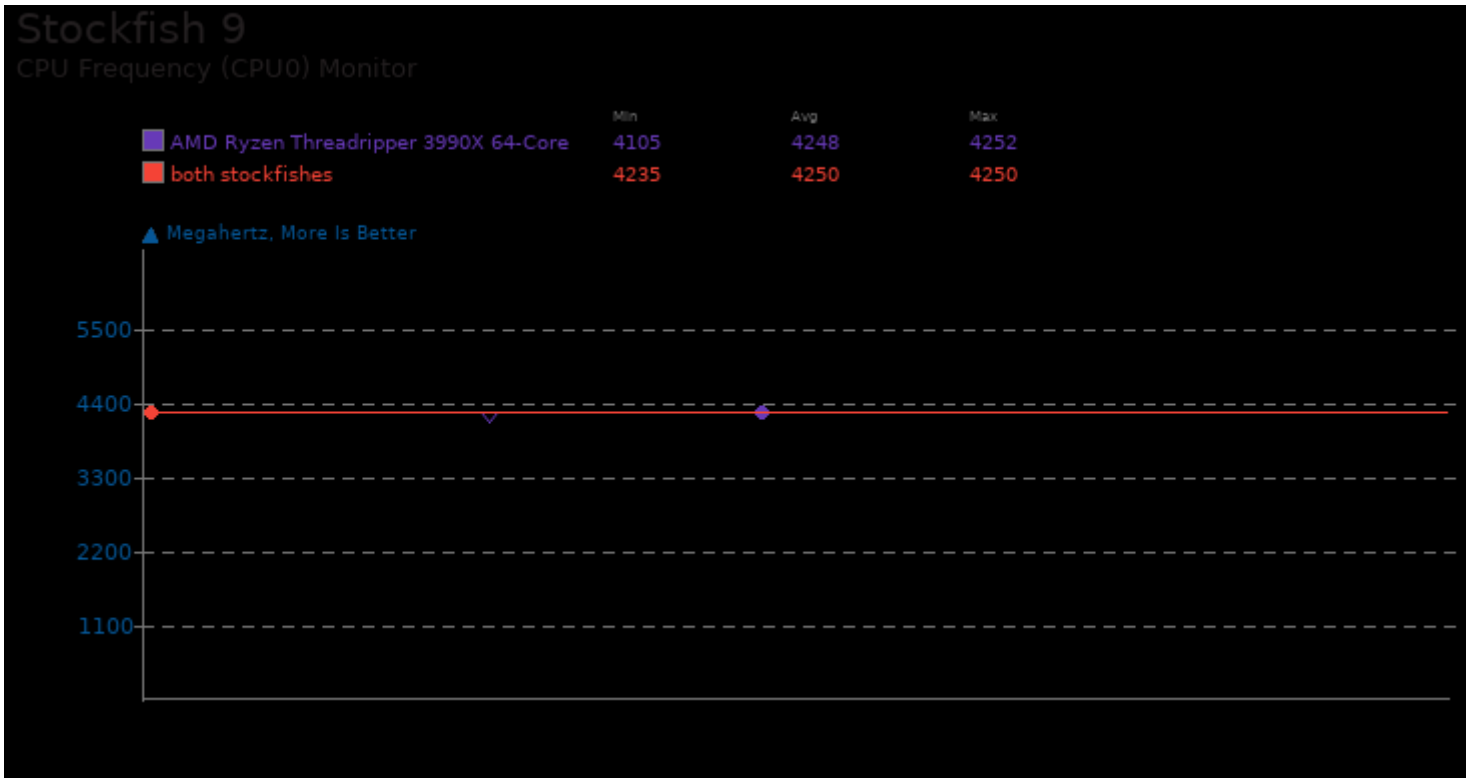
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CPU Frequency (CPU0) Monitor
Phoronix Test Suite System Monitoring
Min
Avg
Max
both stockfishes
4235
4250
4256
Megahertz
5500
4400
3300
2200
1100
Stockfish 13
CPU Temperature Monitor
Min
Avg
Max
both stockfishes
0.0
37.0
54.3
Celsius, Fewer Is Better
75
60
45
30
15

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 10:27.