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graph-500-EPYC-7443P

AMD EPYC 7443P 24-Core testing with a Supermicro H12SSL-i v1.01 (2.3 BIOS) and ASPEED on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

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Processor: AMD EPYC 7443P 24-Core @ 2.85GHz (24 Cores / 48 Threads), Motherboard: Supermicro H12SSL-i v1.01 (2.3 BIOS), Chipset: AMD Starship/Matisse, Memory: 256GB, Disk: 1000GB CT1000P5PSSD8, Graphics: ASPEED, Network: 2 x Broadcom NetXtreme BCM5720 2-port PCIe

OS: Ubuntu 20.04, Kernel: 5.4.0-110-generic (x86_64), Vulkan: 1.1.182, Compiler: GCC 9.4.0 + LLVM 10.0.0, File-System: ext4, Screen Resolution: 1024x768

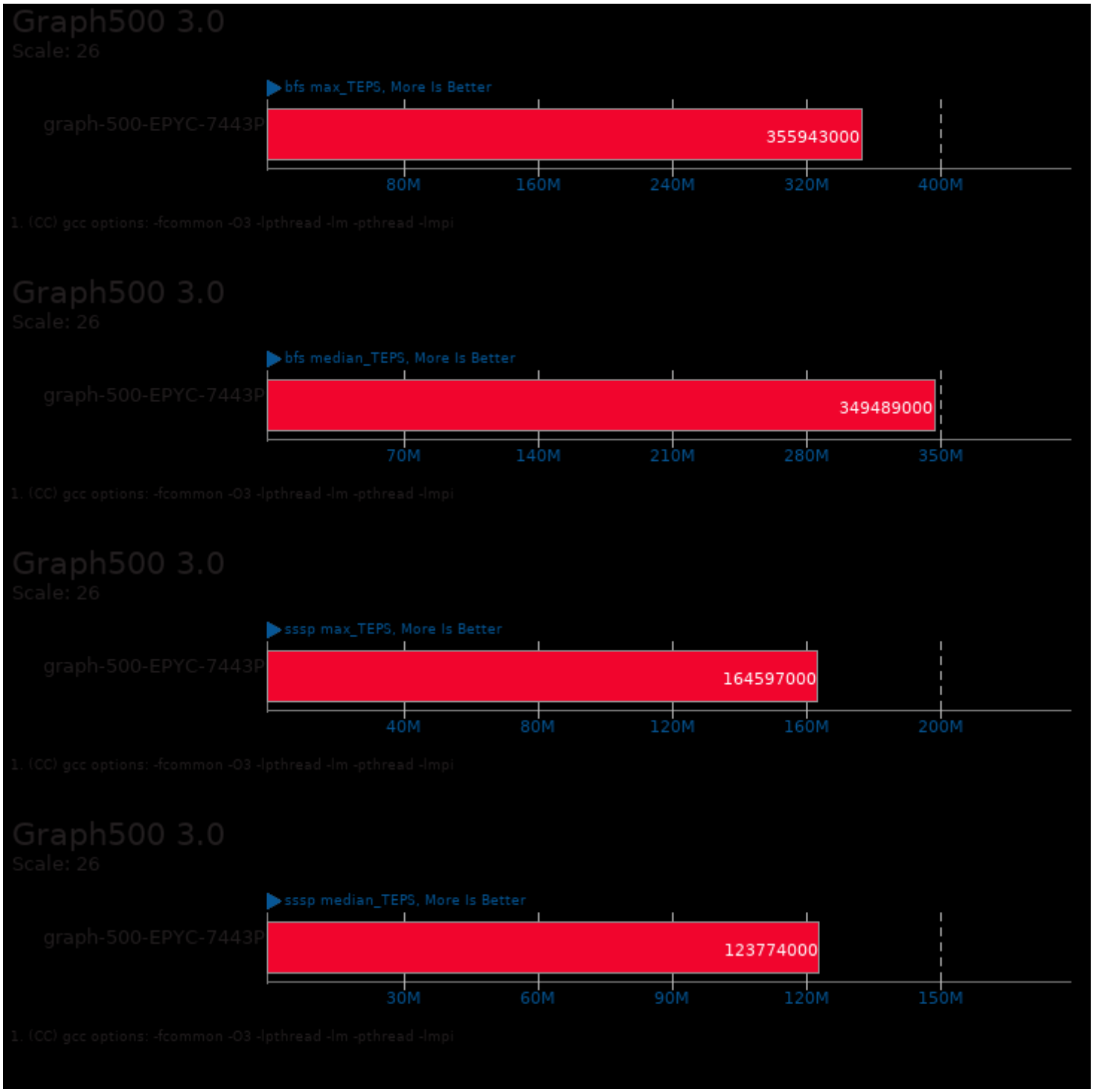
Kernel Notes: Transparent Huge Pages: madvise
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-9-Av3uEd/gcc-9-9.4.0/debian/tmp-nvptx/usr,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

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--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: acpi-cpufreq ondemand (Boost: Enabled) - CPU Microcode: 0xa001143
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 Retpolines IBPB: conditional IBRS_FW STIBP: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	graph-500-EPYC-7443P
Graph500 - 26 (bfs max_TEPS)	355943000
Graph500 - 26 (bfs median_TEPS)	349489000
Graph500 - 26 (sssp max_TEPS)	164597000
Graph500 - 26 (sssp median_TEPS)	123774000

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 05:57.