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onednn_test_all

2 x AMD EPYC 7552 48-Core testing with a HPE ProLiant DL385 Gen10 Plus (A42 BIOS) and Matrox MGA G200eH3 on Ubuntu 20.04 via the Phoronix Test Suite.

Test Systems:

2 x AMD EPYC 7552 48-Core

Processor: 2 x AMD EPYC 7552 48-Core @ 2.20GHz (96 Cores / 192 Threads), Motherboard: HPE ProLiant DL385 Gen10 Plus (A42 BIOS), Chipset: AMD Starship/Matisse, Memory: 1008GB, Disk: 4 x 3201GB MO003200KWZQQ + 192010GB LOGICAL VOLUME, Graphics: Matrox MGA G200eH3, Network: 4 x QLogic FastLinQ QL41000 10/25/40/50GbE + 4 x Intel I350

OS: Ubuntu 20.04, Kernel: 5.4.0-48-generic (x86_64), Compiler: GCC 9.3.0, File-System: ext4, Screen Resolution: 1024x768

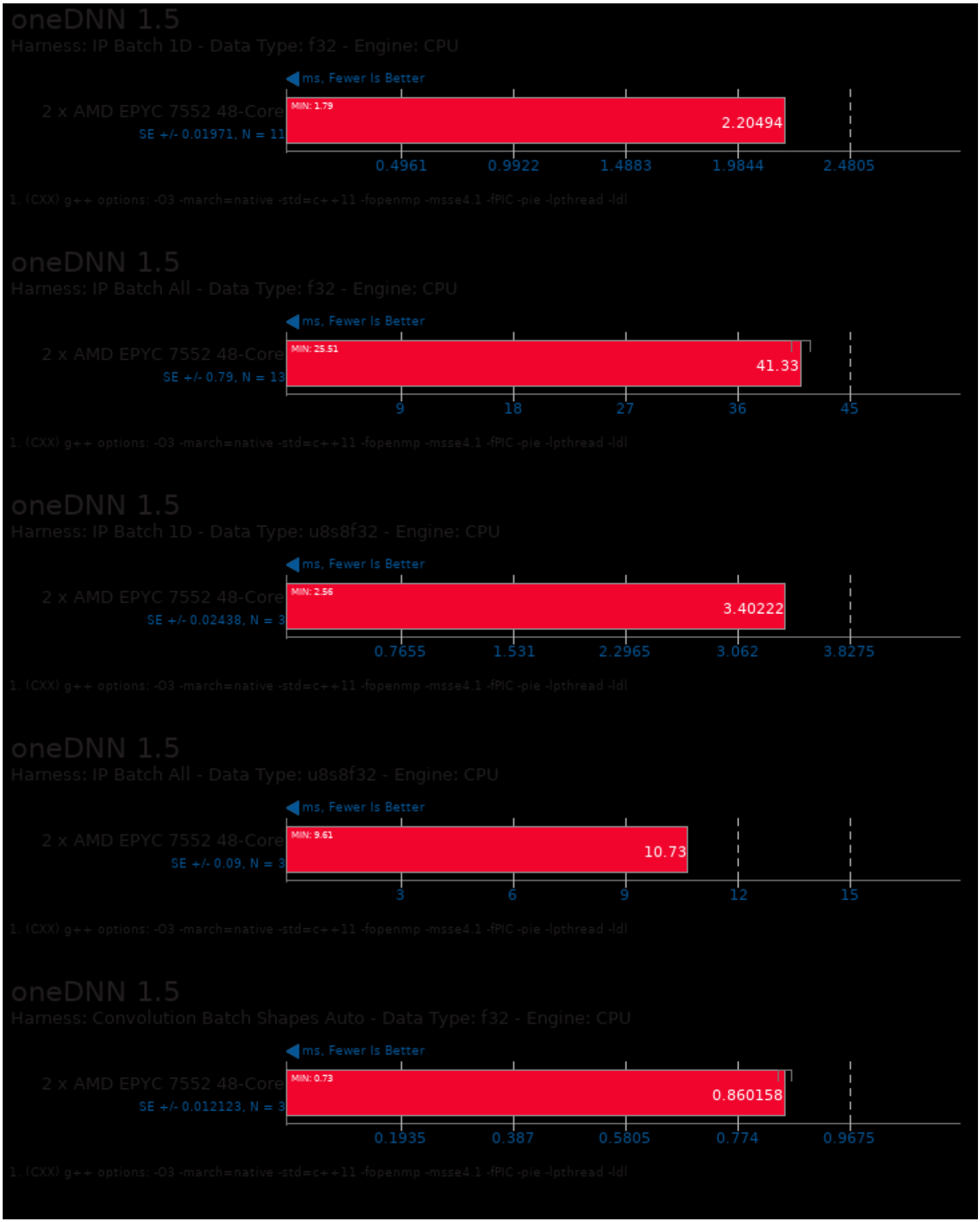
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none,hsa --enable-plugin --enable-shared --enable-threads=posix

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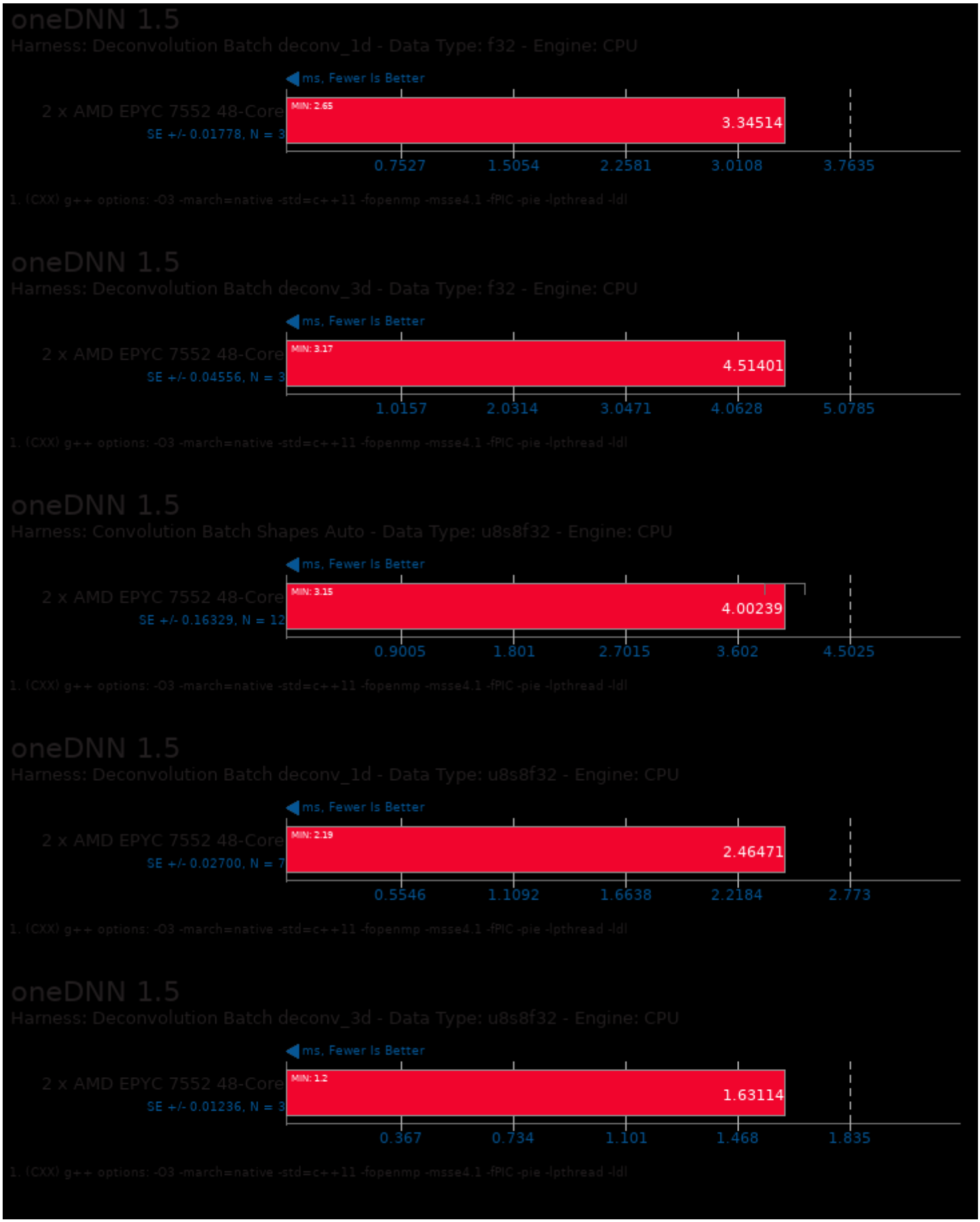
--host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0x8301038
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 IBRS_FW STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

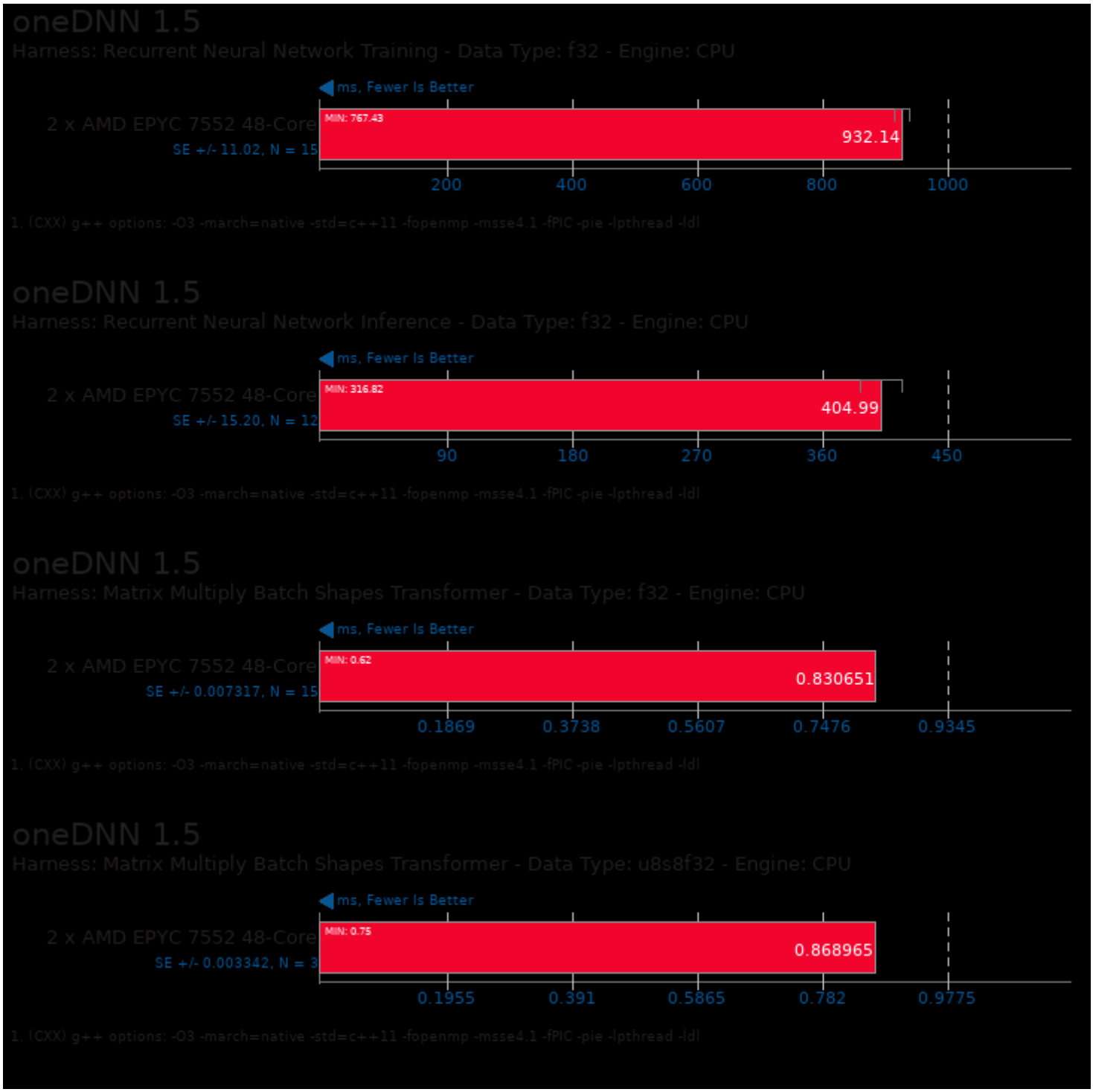
	2 x AMD EPYC 7552 48-Core
oneDNN - IP Batch 1D - f32 - CPU (ms)	2.20494
Standard Deviation	3%
oneDNN - IP Batch All - f32 - CPU (ms)	41.3323
Standard Deviation	6.9%
oneDNN - IP Batch 1D - u8s8f32 - CPU (ms)	3.40222
Standard Deviation	1.2%
oneDNN - IP Batch All - u8s8f32 - CPU (ms)	10.7305
Standard Deviation	1.4%
oneDNN - C.B.S.A - f32 - CPU (ms)	0.860158
Standard Deviation	2.4%
oneDNN - D.B.d - f32 - CPU (ms)	3.34514
Standard Deviation	0.9%
oneDNN - D.B.d - f32 - CPU (ms)	4.51401
Standard Deviation	1.7%
oneDNN - C.B.S.A - u8s8f32 - CPU (ms)	4.00239
Standard Deviation	14.1%
oneDNN - D.B.d - u8s8f32 - CPU (ms)	2.46471
Standard Deviation	2.9%
oneDNN - D.B.d - u8s8f32 - CPU (ms)	1.63114
Standard Deviation	1.3%
oneDNN - R.N.N.T - f32 - CPU (ms)	932.136
Standard Deviation	4.6%
oneDNN - R.N.N.I - f32 - CPU (ms)	404.989
Standard Deviation	13%
oneDNN - M.M.B.S.T - f32 - CPU (ms)	0.830651
Standard Deviation	3.4%
oneDNN - M.M.B.S.T - u8s8f32 - CPU (ms)	0.868965
Standard Deviation	0.7%

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 02:28.