



new tests

Intel Core i9-13900K testing with a ASUS PRIME Z790-P WIFI (0602 BIOS) and AMD Radeon RX 6700 XT 12GB on Ubuntu 22.04 via the Phoronix Test Suite.

Automated Executive Summary

b had the most wins, coming in first place for 33% of the tests.

Based on the geometric mean of all complete results, the fastest (a) was 1.019x the speed of the slowest (d). b was 0.984x the speed of a, c was 0.999x the speed of b, d was 0.998x the speed of c.

The results with the greatest spread from best to worst included:

KeyDB (Test: LPOP - Parallel Connections: 100) at 1.43x
KeyDB (Test: LPOP - Parallel Connections: 500) at 1.399x
KeyDB (Test: LPOP - Parallel Connections: 900) at 1.389x
KeyDB (Test: SET - Parallel Connections: 100) at 1.172x
KeyDB (Test: LPOP - Parallel Connections: 50) at 1.169x
KeyDB (Test: SADD - Parallel Connections: 100) at 1.168x
KeyDB (Test: HMSET - Parallel Connections: 100) at 1.125x
KeyDB (Test: SADD - Parallel Connections: 900) at 1.109x
KeyDB (Test: SET - Parallel Connections: 500) at 1.106x

KeyDB (Test: LPUSH - Parallel Connections: 500) at 1.102x.

Test Systems:

a

b

c

d

Processor: Intel Core i9-13900K @ 4.00GHz (24 Cores / 32 Threads), Motherboard: ASUS PRIME Z790-P WIFI (0602 BIOS), Chipset: Intel Device 7a27, Memory: 32GB, Disk: 1000GB Western Digital WDS100T1X0E-00AFY0, Graphics: AMD Radeon RX 6700 XT 12GB (2855/1000MHz), Audio: Realtek ALC897, Monitor: ASUS VP28U, Network: Intel Device 7a70

OS: Ubuntu 22.04, Kernel: 6.0.0-060000-generic (x86_64), Desktop: GNOME Shell 42.4, Display Server: X Server 1.21.1.3 + Wayland, OpenGL: 4.6 Mesa 22.3.0-devel (git-8945375 2022-10-04 jammy-oibaf-ppa) (LLVM 14.0.6 DRM 3.48), Vulkan: 1.3.230, Compiler: GCC 11.2.0, File-System: ext4, Screen Resolution: 3840x2160

Kernel Notes: Transparent Huge Pages: madvise

Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-cet --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++,m2 --enable-libphobos-checking=release --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-serialization=2 --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none=/build/gcc-11-gBFGDP/gcc-11-11.2.0/debian/tmp-nvptx/usr,amdgc-nv-none=/build/gcc-11-gBFGDP/gcc-11-11.2.0/debian/tmp-gcn/usr --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-build-config=bootstrap-lto-lean --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: intel_pstate powersave (EPP: balance_performance) - CPU Microcode: 0x10e - Thermald 2.4.9

Python Notes: Python 3.10.6

Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + mmio_stale_data: Not affected + retbleed: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swaps barriers and __user pointer sanitization + spectre_v2: Mitigation of Enhanced IBRS IBPB: conditional RSB filling PBRSSB-elBRS: SW sequence + srbds: Not affected + tsx_async_abort: Not affected

	a	b	c	d
KeyDB - GET - 50 (Reqs/sec)	2301457	2203905	2258764	2273451
Normalized	100%	95.76%	98.14%	98.78%
Standard Deviation	0.9%			
KeyDB - SET - 50 (Reqs/sec)	2051262	2074172	2007790	2013693
Normalized	98.9%	100%	96.8%	97.08%
Standard Deviation	2.2%			
KeyDB - GET - 100 (Reqs/sec)	1526251	1482228	1488317	1484384
Normalized	100%	97.12%	97.51%	97.26%
Standard Deviation	1.5%			
KeyDB - GET - 500 (Reqs/sec)	1493933	1558846	1476887	1553519
Normalized	95.84%	100%	94.74%	99.66%

Standard Deviation	5.1%			
KeyDB - GET - 900 (Reqs/sec)	1563299	1582379	1527464	1510802
Normalized	98.79%	100%	96.53%	95.48%
Standard Deviation	2.2%			
KeyDB - LPOP - 50 (Reqs/sec)	2355769	2032603	2014748	2016942
Normalized	100%	86.28%	85.52%	85.62%
Standard Deviation	1.9%			
KeyDB - SADD - 50 (Reqs/sec)	2240005	2210043	2215134	2186557
Normalized	100%	98.66%	98.89%	97.61%
Standard Deviation	1.1%			
KeyDB - SET - 100 (Reqs/sec)	1277181	1180777	1105999	1296008
Normalized	98.55%	91.11%	85.34%	100%
Standard Deviation	0.9%			
KeyDB - SET - 500 (Reqs/sec)	1242079	1314786	1188354	1307531
Normalized	94.47%	100%	90.38%	99.45%
Standard Deviation	1.1%			
KeyDB - SET - 900 (Reqs/sec)	1227965	1200999	1209599	1305926
Normalized	94.03%	91.97%	92.62%	100%
Standard Deviation	3.2%			
KeyDB - HMSET - 50 (Reqs/sec)	770419	827089	822829	781067
Normalized	93.15%	100%	99.48%	94.44%
Standard Deviation	2.3%			
KeyDB - LPOP - 100 (Reqs/sec)	1548102	1082814	1133556	1110667
Normalized	100%	69.94%	73.22%	71.74%
Standard Deviation	4.7%			
KeyDB - LPOP - 500 (Reqs/sec)	1541363	1142413	1166752	1101928
Normalized	100%	74.12%	75.7%	71.49%
Standard Deviation	3.9%			
KeyDB - LPOP - 900 (Reqs/sec)	1572283	1132093	1171454	1168661
Normalized	100%	72%	74.51%	74.33%
Standard Deviation	5.4%			
KeyDB - LPUSH - 50 (Reqs/sec)	1885807	1849523	1964096	1816596
Normalized	96.01%	94.17%	100%	92.49%
Standard Deviation	2.3%			
KeyDB - SADD - 100 (Reqs/sec)	1301147	1326330	1443335	1235605
Normalized	90.15%	91.89%	100%	85.61%
Standard Deviation	2.3%			
KeyDB - SADD - 500 (Reqs/sec)	1369793	1365262	1294096	1296243
Normalized	100%	99.67%	94.47%	94.63%
Standard Deviation	5.1%			
KeyDB - SADD - 900 (Reqs/sec)	1318362	1402721	1331771	1264958
Normalized	93.99%	100%	94.94%	90.18%
Standard Deviation	3.8%			
KeyDB - HMSET - 100 (Reqs/sec)	811193	838926	858045	762637
Normalized	94.54%	97.77%	100%	88.88%
Standard Deviation	3.4%			
KeyDB - HMSET - 500 (Reqs/sec)	540612	575162	544526	514398
Normalized	93.99%	100%	94.67%	89.44%
Standard Deviation	8.4%			
KeyDB - HMSET - 900 (Reqs/sec)	405829	385410	373871	405920
Normalized	99.98%	94.95%	92.1%	100%
Standard Deviation	7%			
KeyDB - LPUSH - 100 (Reqs/sec)	1079455	1009102	1053253	1161009
Normalized	92.98%	86.92%	90.72%	100%
Standard Deviation	6.8%			

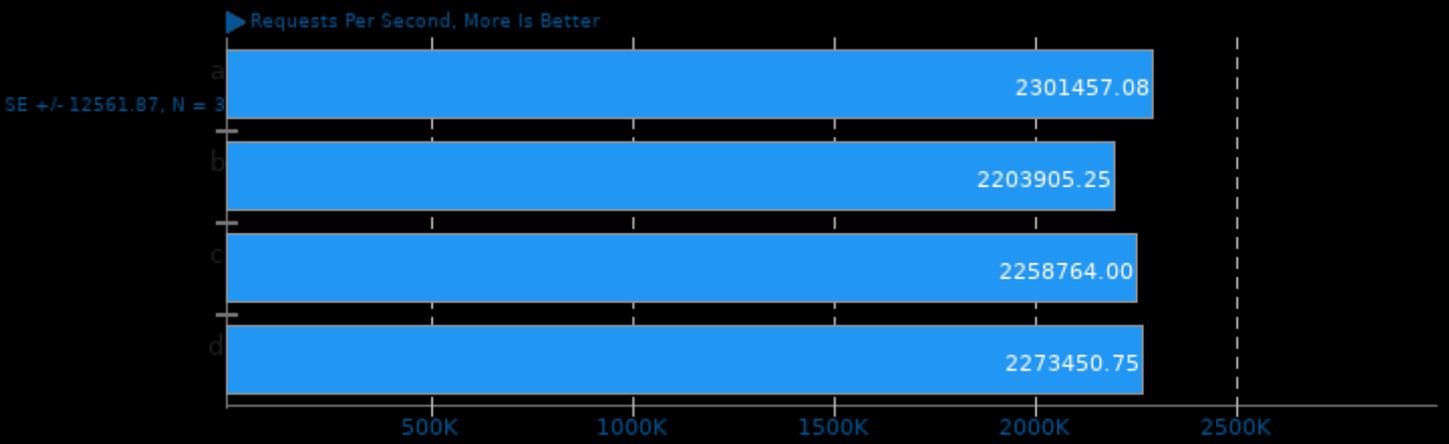
KeyDB - LPUSH - 500 (Reqs/sec)	972929	932940	1020158	925806
Normalized	95.37%	91.45%	100%	90.75%
Standard Deviation	4.7%			
KeyDB - LPUSH - 900 (Reqs/sec)	913353	988729	967361	934195
Normalized	92.38%	100%	97.84%	94.48%
Standard Deviation	1.5%			
Neural Magic DeepSparse -	17.0977	17.0299	17.1322	17.2573
N.D.C.o.b.u.o.I - A.M.S (items/sec)				
Normalized	99.08%	98.68%	99.28%	100%
Standard Deviation	0.9%			
Neural Magic DeepSparse -	693.7534	697.4591	696.4586	693.8845
N.D.C.o.b.u.o.I - A.M.S (ms/batch)				
Normalized	100%	99.47%	99.61%	99.98%
Standard Deviation	0.4%			
Neural Magic DeepSparse -	15.1510	15.1488	15.1431	15.1564
N.D.C.o.b.u.o.I - S.S.S (items/sec)				
Normalized	99.96%	99.95%	99.91%	100%
Standard Deviation	0.2%			
Neural Magic DeepSparse -	65.9984	66.0079	66.0331	65.9748
N.D.C.o.b.u.o.I - S.S.S (ms/batch)				
Normalized	99.96%	99.95%	99.91%	100%
Standard Deviation	0.2%			
Neural Magic DeepSparse -	201.8858	202.8721	202.7414	203.7202
N.S.A.8.P.Q.B.B.U - A.M.S (items/sec)				
Normalized	99.1%	99.58%	99.52%	100%
Standard Deviation	1.9%			
Neural Magic DeepSparse -	59.3747	59.0448	59.1069	58.8037
N.S.A.8.P.Q.B.B.U - A.M.S (ms/batch)				
Normalized	99.04%	99.59%	99.49%	100%
Standard Deviation	1.9%			
Neural Magic DeepSparse -	97.0266	96.6004	97.6971	97.0456
N.S.A.8.P.Q.B.B.U - S.S.S (items/sec)				
Normalized	99.31%	98.88%	100%	99.33%
Standard Deviation	0.3%			
Neural Magic DeepSparse -	10.3007	10.3459	10.2299	10.2988
N.S.A.8.P.Q.B.B.U - S.S.S (ms/batch)				
Normalized	99.31%	98.88%	100%	99.33%
Standard Deviation	0.3%			
Neural Magic DeepSparse -	62.4727	62.0325	62.4335	62.9368
N.Q.A.B.b.u.S.1.P - A.M.S (items/sec)				
Normalized	99.26%	98.56%	99.2%	100%
Standard Deviation	0.4%			
Neural Magic DeepSparse -	191.4059	192.5598	191.3873	189.9321
N.Q.A.B.b.u.S.1.P - A.M.S (ms/batch)				
Normalized	99.23%	98.64%	99.24%	100%
Standard Deviation	0.4%			
Neural Magic DeepSparse -	44.4092	44.3471	44.2034	44.3803
N.Q.A.B.b.u.S.1.P - S.S.S (items/sec)				
Normalized	100%	99.86%	99.54%	99.93%
Standard Deviation	0.3%			
Neural Magic DeepSparse -	22.5114	22.5427	22.616	22.5261
N.Q.A.B.b.u.S.1.P - S.S.S (ms/batch)				
Normalized	100%	99.86%	99.54%	99.93%

	Standard Deviation	0.3%			
Neural Magic DeepSparse - C.D.Y.C - A.M.S (items/sec)		100.5956	102.1854	100.922	101.5808
	Normalized	98.44%	100%	98.76%	99.41%
	Standard Deviation	0.8%			
Neural Magic DeepSparse - C.D.Y.C - A.M.S (ms/batch)		118.9735	117.1808	118.6662	117.9462
	Normalized	98.49%	100%	98.75%	99.35%
	Standard Deviation	0.9%			
Neural Magic DeepSparse - C.D.Y.C - S.S.S (items/sec)		67.8527	68.4113	68.2268	69.2308
	Normalized	98.01%	98.82%	98.55%	100%
	Standard Deviation	0.8%			
Neural Magic DeepSparse - C.D.Y.C - S.S.S (ms/batch)		14.7283	14.607	14.6466	14.4335
	Normalized	98%	98.81%	98.55%	100%
	Standard Deviation	0.8%			
Neural Magic DeepSparse - C.C.R.5.I - A.M.S (items/sec)		220.2242	223.1123	222.5816	220.629
	Normalized	98.71%	100%	99.76%	98.89%
	Standard Deviation	1.1%			
Neural Magic DeepSparse - C.C.R.5.I - A.M.S (ms/batch)		54.4516	53.7491	53.8481	54.3784
	Normalized	98.71%	100%	99.82%	98.84%
	Standard Deviation	1.1%			
Neural Magic DeepSparse - C.C.R.5.I - S.S.S (items/sec)		125.7040	126.9919	126.7132	126.8482
	Normalized	98.99%	100%	99.78%	99.89%
	Standard Deviation	0.5%			
Neural Magic DeepSparse - C.C.R.5.I - S.S.S (ms/batch)		7.9509	7.8702	7.8877	7.8787
	Normalized	98.99%	100%	99.78%	99.89%
	Standard Deviation	0.5%			
Neural Magic DeepSparse - N.T.C.D.m - A.M.S (items/sec)		146.8362	146.7638	148.9785	146.7079
	Normalized	98.56%	98.51%	100%	98.48%
	Standard Deviation	0.2%			
Neural Magic DeepSparse - N.T.C.D.m - A.M.S (ms/batch)		81.6431	81.6896	80.4175	81.7629
	Normalized	98.5%	98.44%	100%	98.35%
	Standard Deviation	0.2%			
Neural Magic DeepSparse - N.T.C.D.m - S.S.S (items/sec)		84.2139	84.3354	84.6155	84.7035
	Normalized	99.42%	99.57%	99.9%	100%
	Standard Deviation	0.4%			
Neural Magic DeepSparse - N.T.C.D.m - S.S.S (ms/batch)		11.8712	11.8541	11.8147	11.8028
	Normalized	99.42%	99.57%	99.9%	100%
	Standard Deviation	0.4%			
Neural Magic DeepSparse - C.S.9.P.Y.P - A.M.S (items/sec)		22.4583	22.572	22.4829	22.8771
	Normalized	98.17%	98.67%	98.28%	100%
	Standard Deviation	0.3%			

Neural Magic DeepSparse -	531.4908	530.1764	528.6955	523.9449
C.S.9.P.Y.P - A.M.S (ms/batch)				
Normalized	98.58%	98.82%	99.1%	100%
Standard Deviation	0.1%			
Neural Magic DeepSparse -	17.9198	17.9723	17.8257	17.902
C.S.9.P.Y.P - S.S.S (items/sec)				
Normalized	99.71%	100%	99.18%	99.61%
Standard Deviation	0.4%			
Neural Magic DeepSparse -	55.7950	55.6313	56.0887	55.85
C.S.9.P.Y.P - S.S.S (ms/batch)				
Normalized	99.71%	100%	99.18%	99.61%
Standard Deviation	0.4%			
Neural Magic DeepSparse -	74.6763	73.963	75.2056	74.4384
N.T.C.B.b.u.S - A.M.S (items/sec)				
Normalized	99.3%	98.35%	100%	98.98%
Standard Deviation	0.3%			
Neural Magic DeepSparse -	160.4842	161.8553	159.443	161.0202
N.T.C.B.b.u.S - A.M.S (ms/batch)				
Normalized	99.35%	98.51%	100%	99.02%
Standard Deviation	0.3%			
Neural Magic DeepSparse -	42.4124	42.4107	42.5922	42.4206
N.T.C.B.b.u.S - S.S.S (items/sec)				
Normalized	99.58%	99.57%	100%	99.6%
Standard Deviation	0.3%			
Neural Magic DeepSparse -	23.5749	23.5757	23.4753	23.57
N.T.C.B.b.u.S - S.S.S (ms/batch)				
Normalized	99.58%	99.57%	100%	99.6%
Standard Deviation	0.3%			
Neural Magic DeepSparse -	17.0593	17.2641	17.0024	17.2405
N.T.C.B.b.u.c - A.M.S (items/sec)				
Normalized	98.81%	100%	98.48%	99.86%
Standard Deviation	0.6%			
Neural Magic DeepSparse -	694.2030	693.6961	695.2334	693.8329
N.T.C.B.b.u.c - A.M.S (ms/batch)				
Normalized	99.93%	100%	99.78%	99.98%
Standard Deviation	0.5%			
Neural Magic DeepSparse -	15.1861	15.2008	15.1247	15.1758
N.T.C.B.b.u.c - S.S.S (items/sec)				
Normalized	99.9%	100%	99.5%	99.84%
Standard Deviation	0.5%			
Neural Magic DeepSparse -	65.8471	65.7826	66.1119	65.8907
N.T.C.B.b.u.c - S.S.S (ms/batch)				
Normalized	99.9%	100%	99.5%	99.84%
Standard Deviation	0.5%			

KeyDB 6.3.2

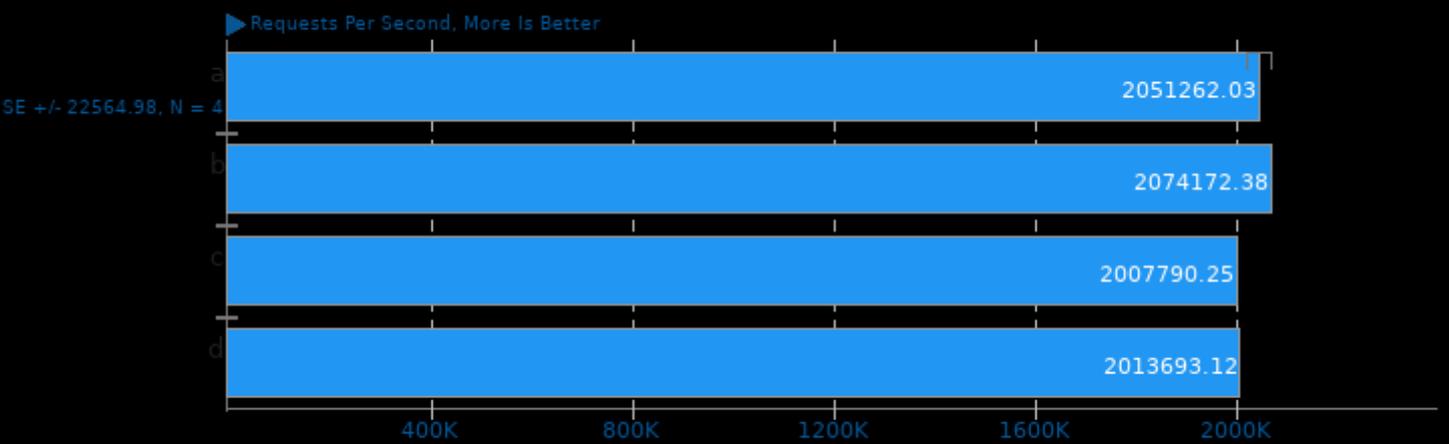
Test: GET - Parallel Connections: 50



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

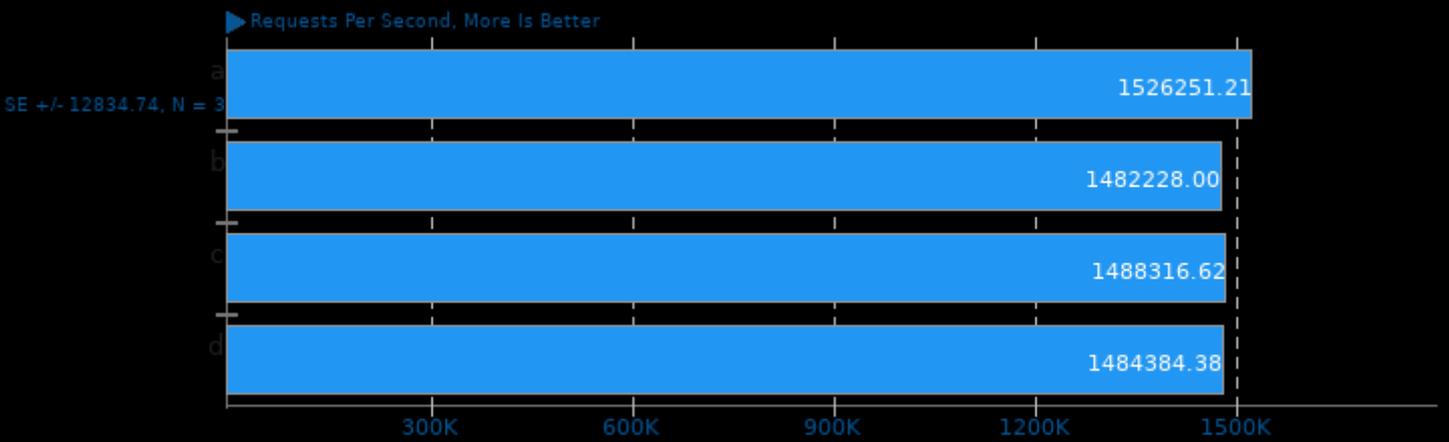
Test: SET - Parallel Connections: 50



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

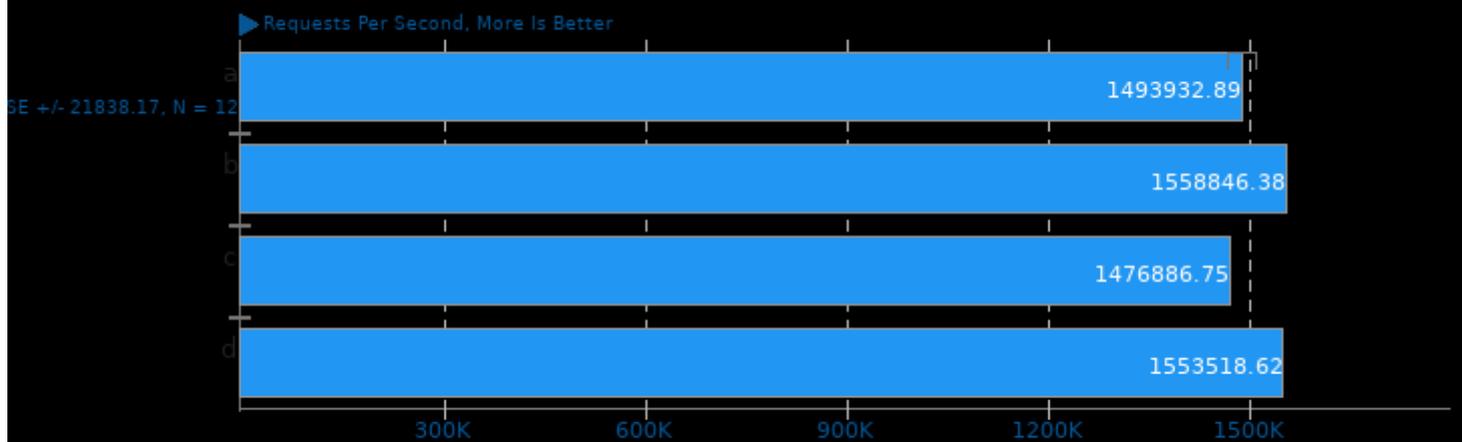
Test: GET - Parallel Connections: 100



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

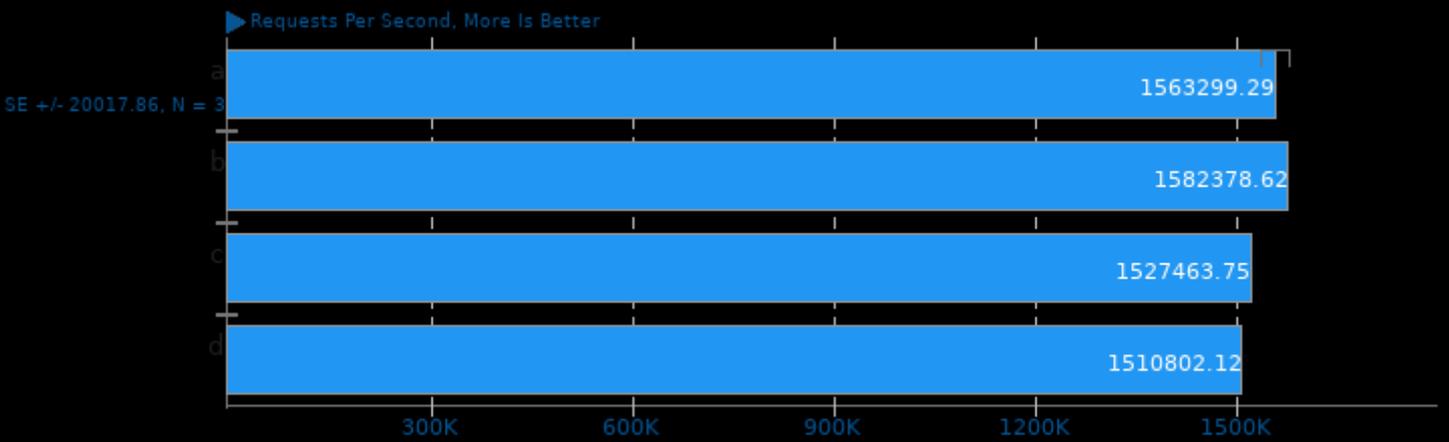
Test: GET - Parallel Connections: 500



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

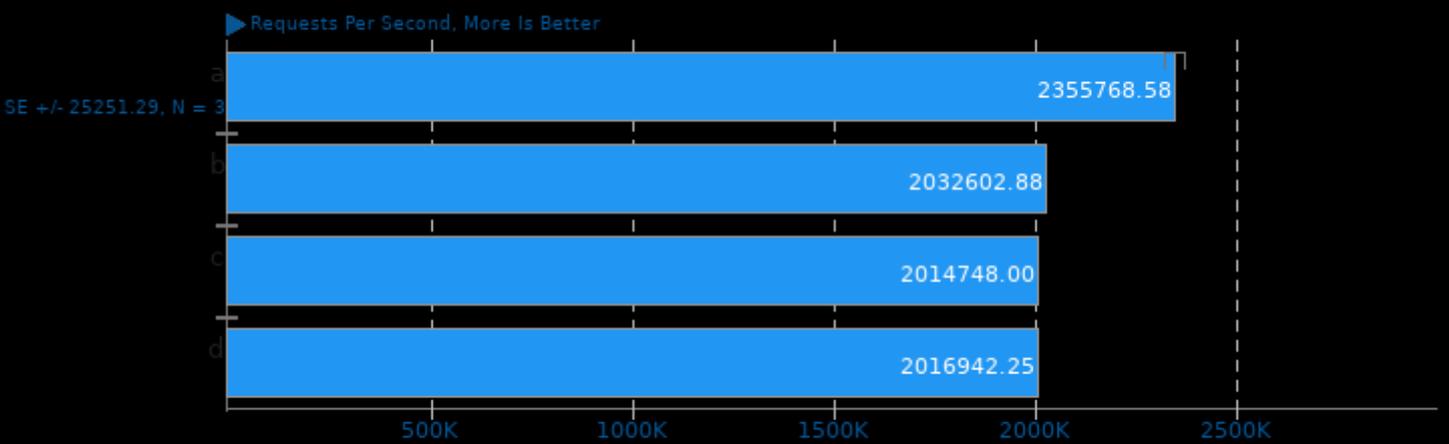
Test: GET - Parallel Connections: 900



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

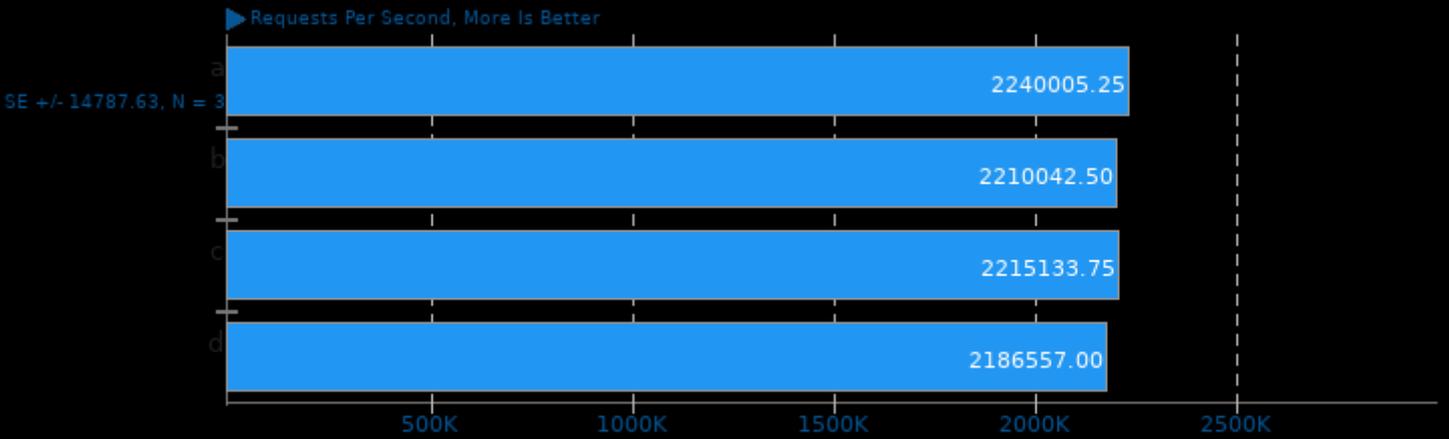
Test: LPOP - Parallel Connections: 50



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

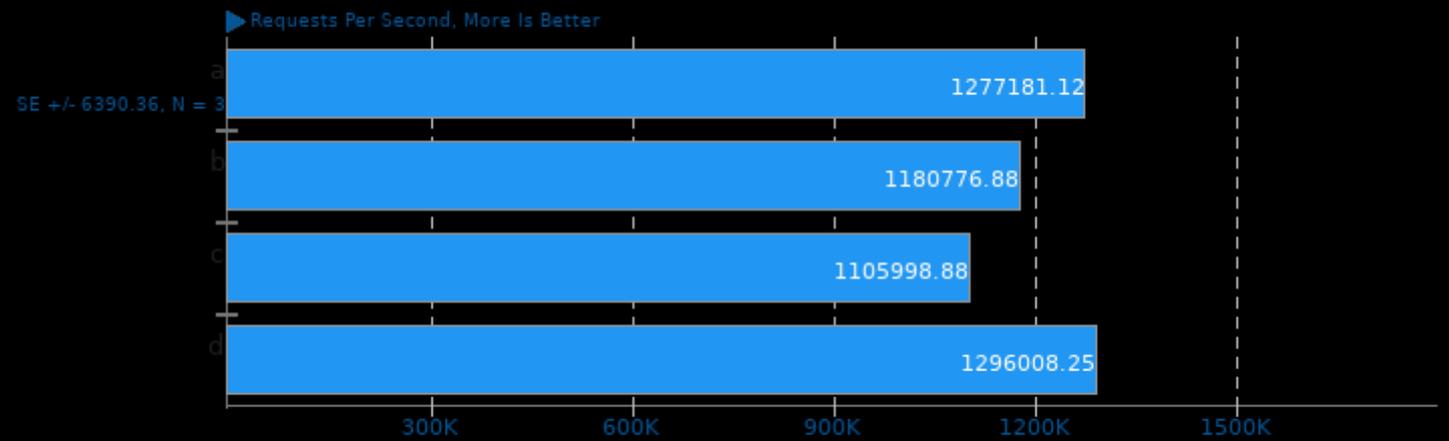
Test: SADD - Parallel Connections: 50



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

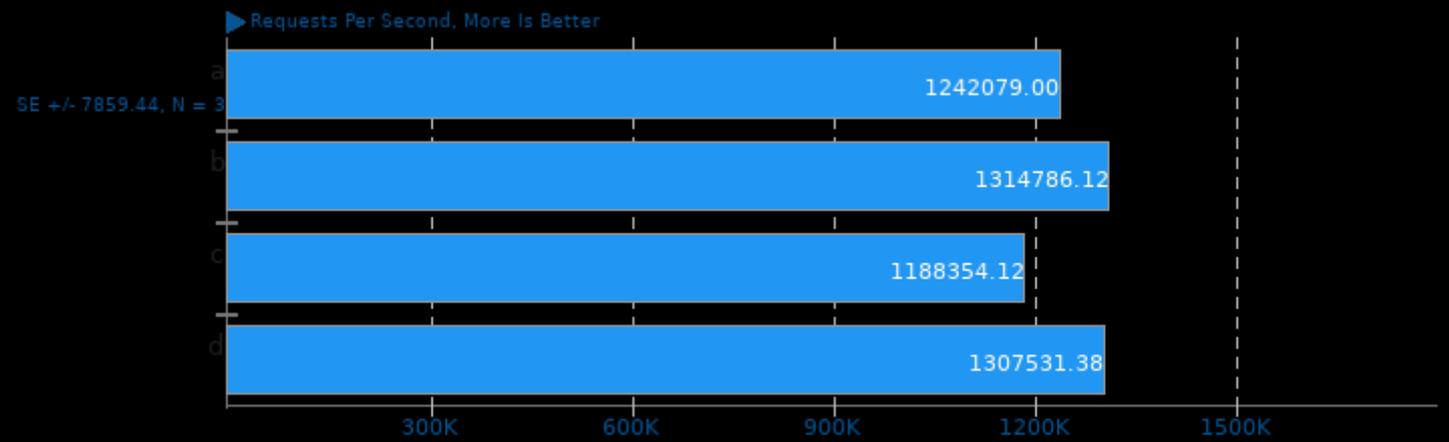
Test: SET - Parallel Connections: 100



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

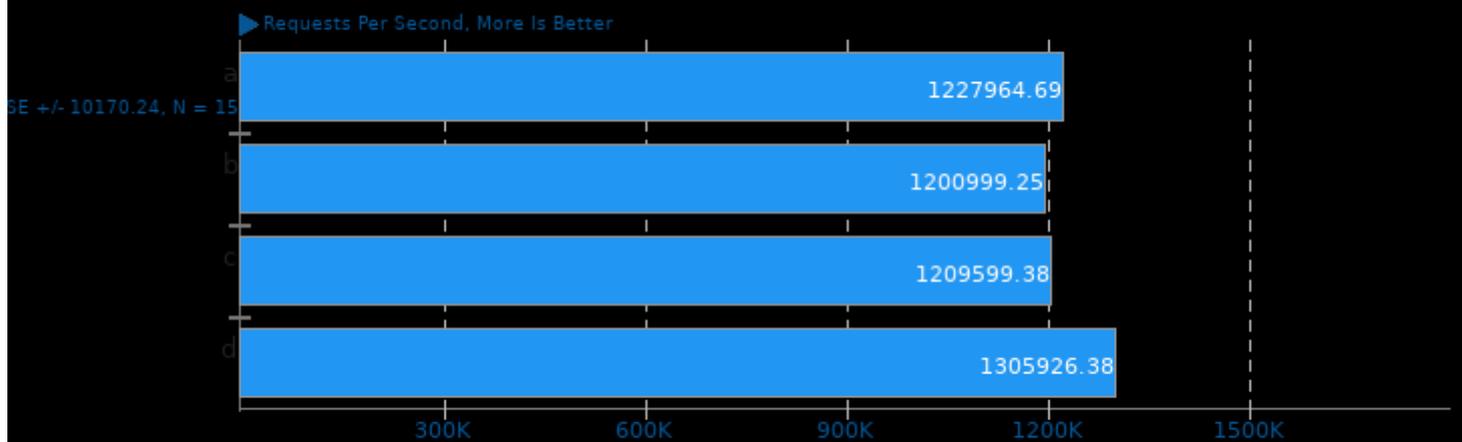
Test: SET - Parallel Connections: 500



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

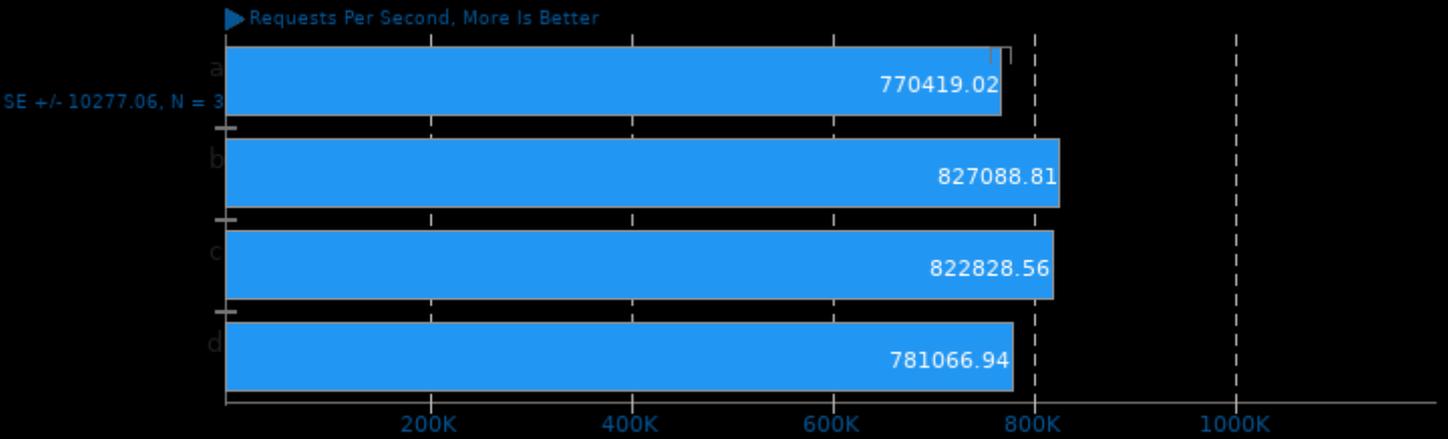
Test: SET - Parallel Connections: 900



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

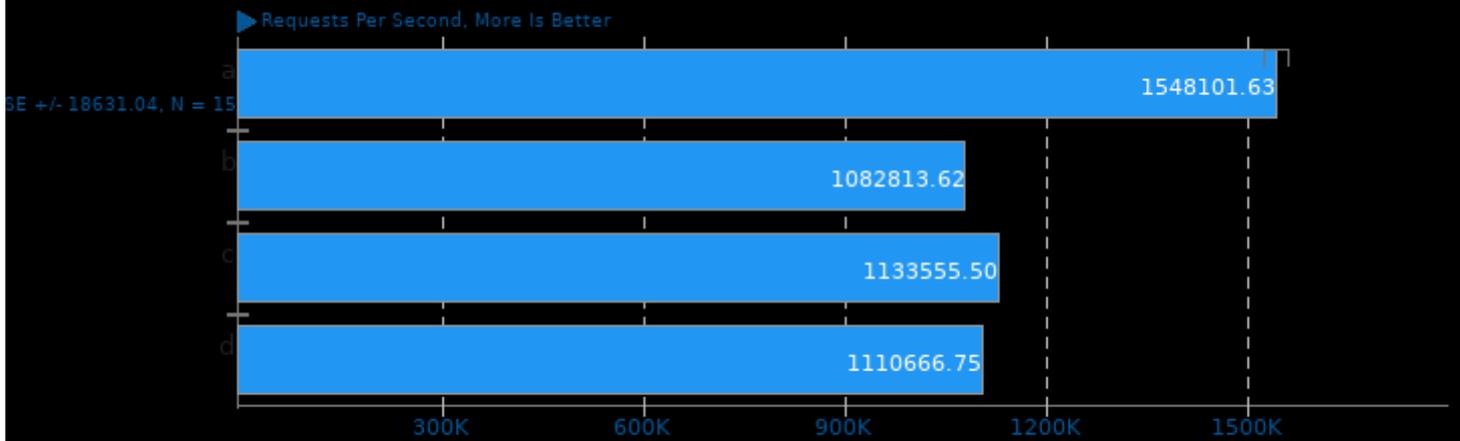
Test: HMSET - Parallel Connections: 50



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

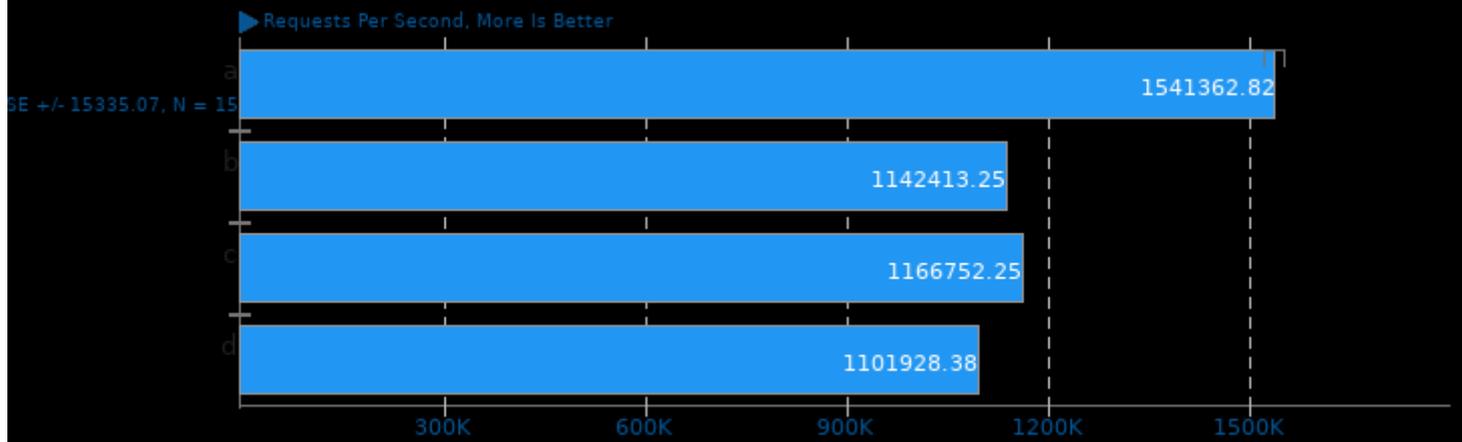
Test: LPOP - Parallel Connections: 100



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

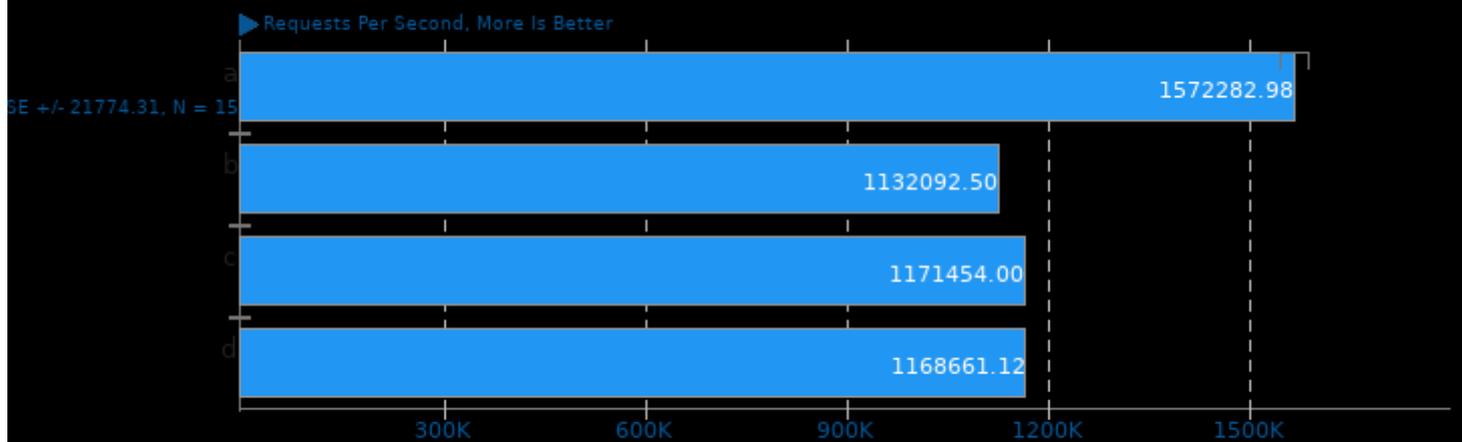
Test: LPOP - Parallel Connections: 500



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

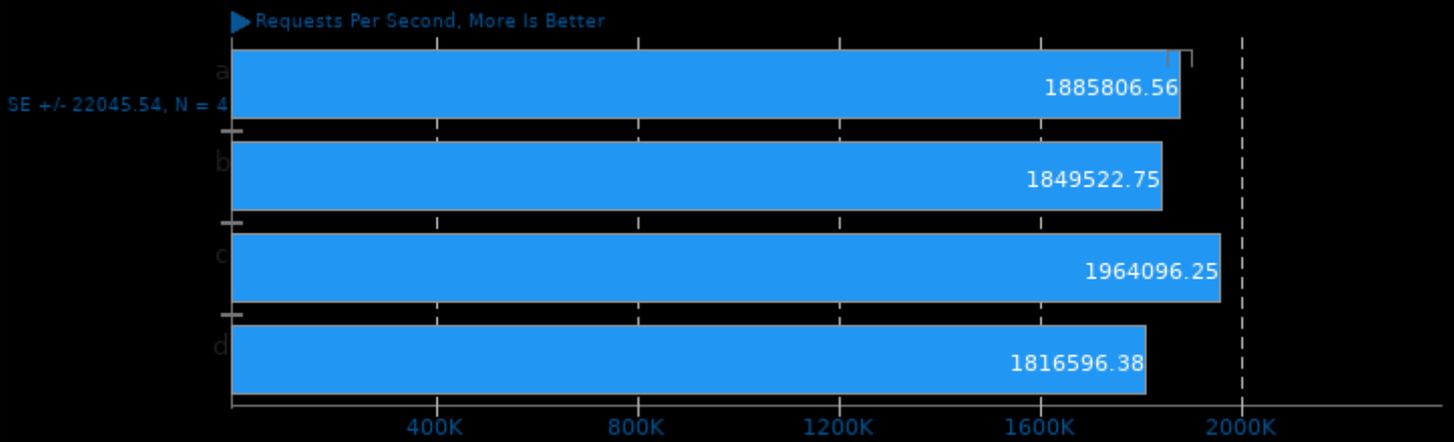
Test: LPOP - Parallel Connections: 900



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

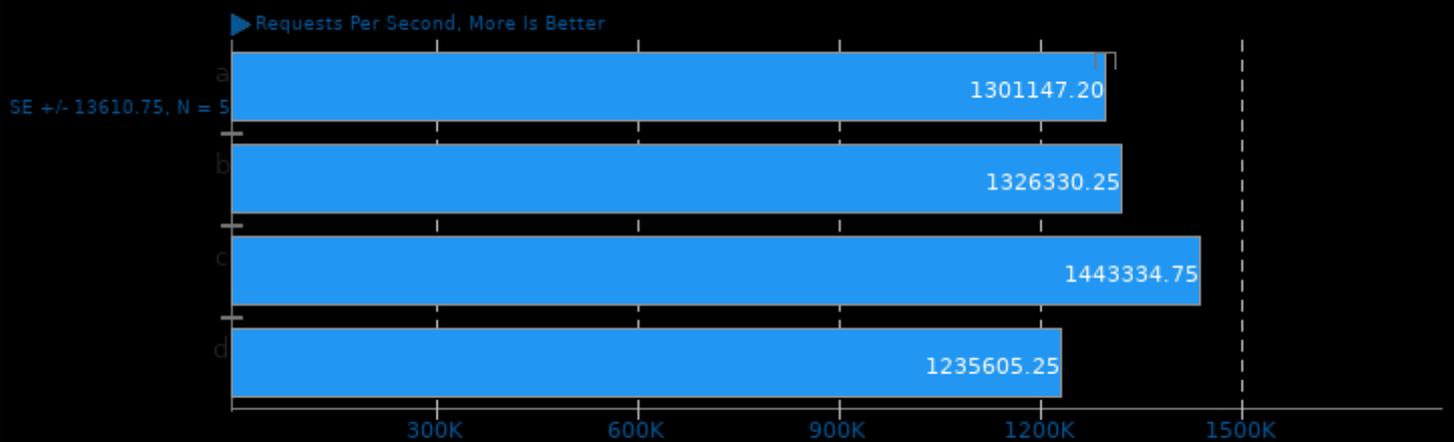
Test: LPUSH - Parallel Connections: 50



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

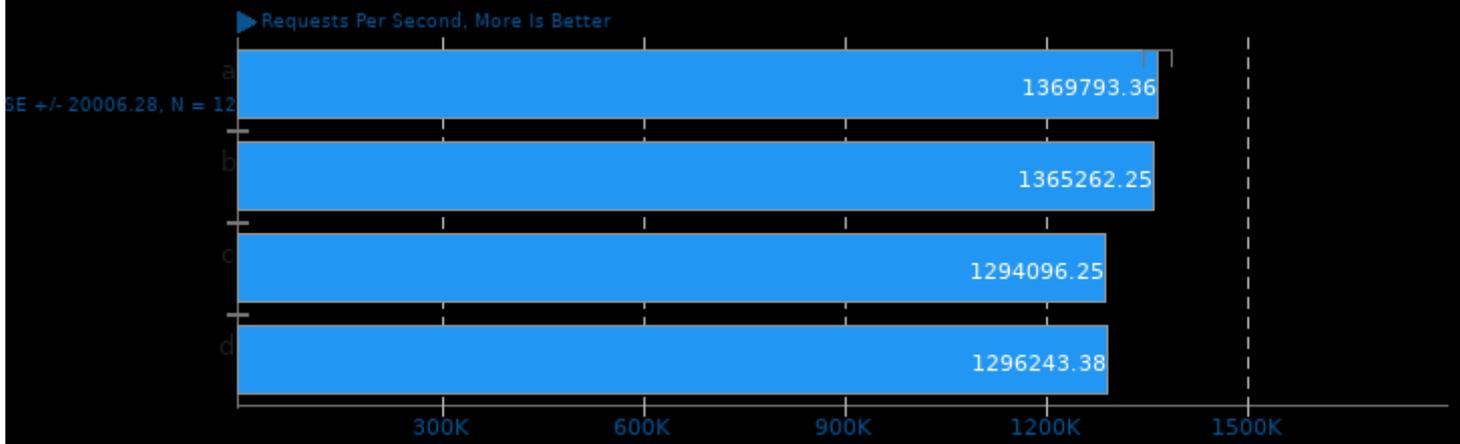
Test: SADD - Parallel Connections: 100



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

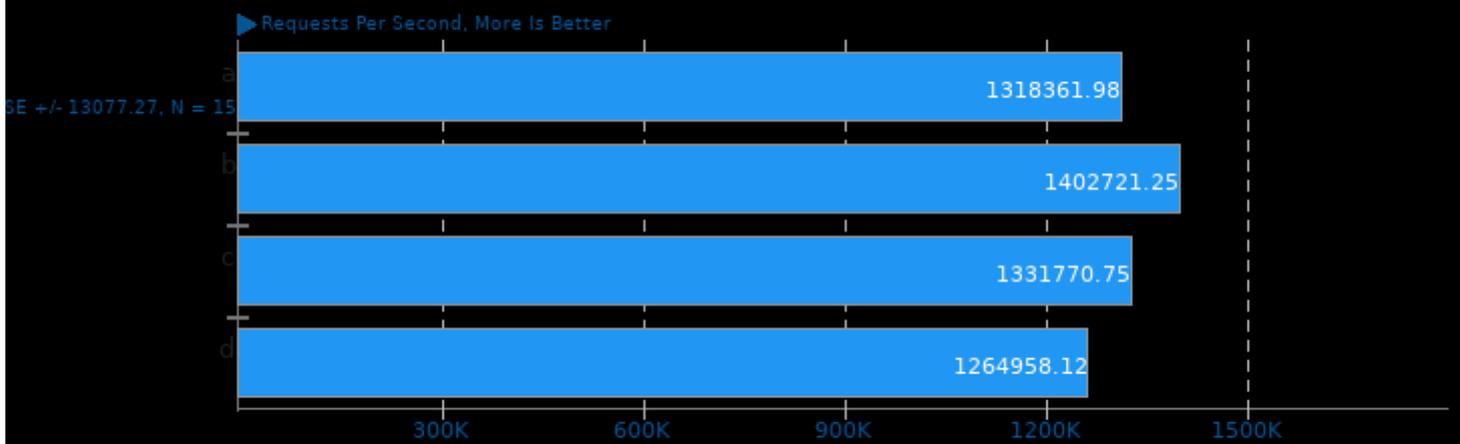
Test: SADD - Parallel Connections: 500



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

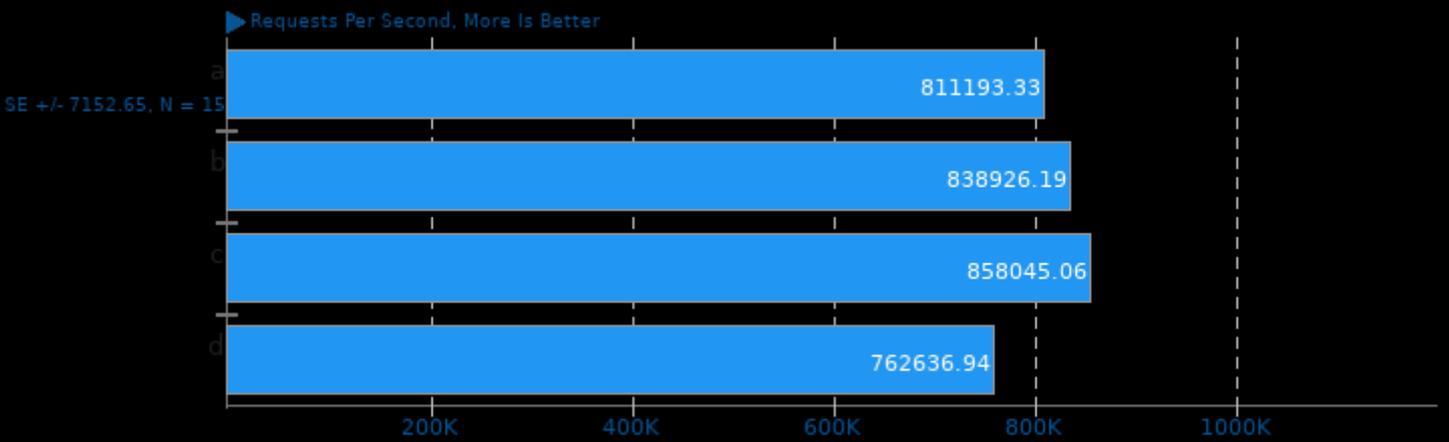
Test: SADD - Parallel Connections: 900



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

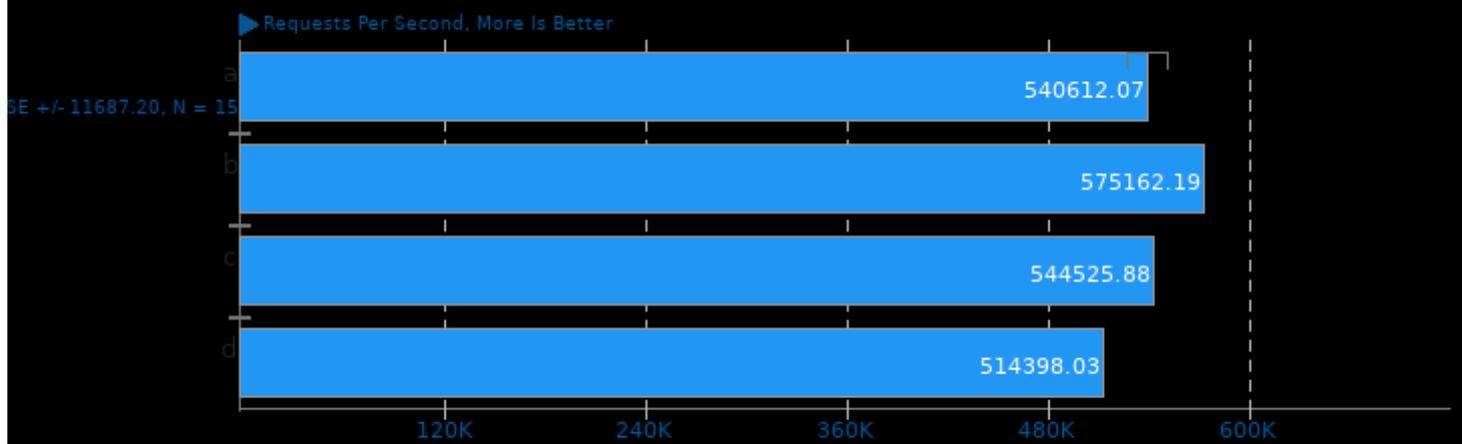
Test: HMSET - Parallel Connections: 100



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

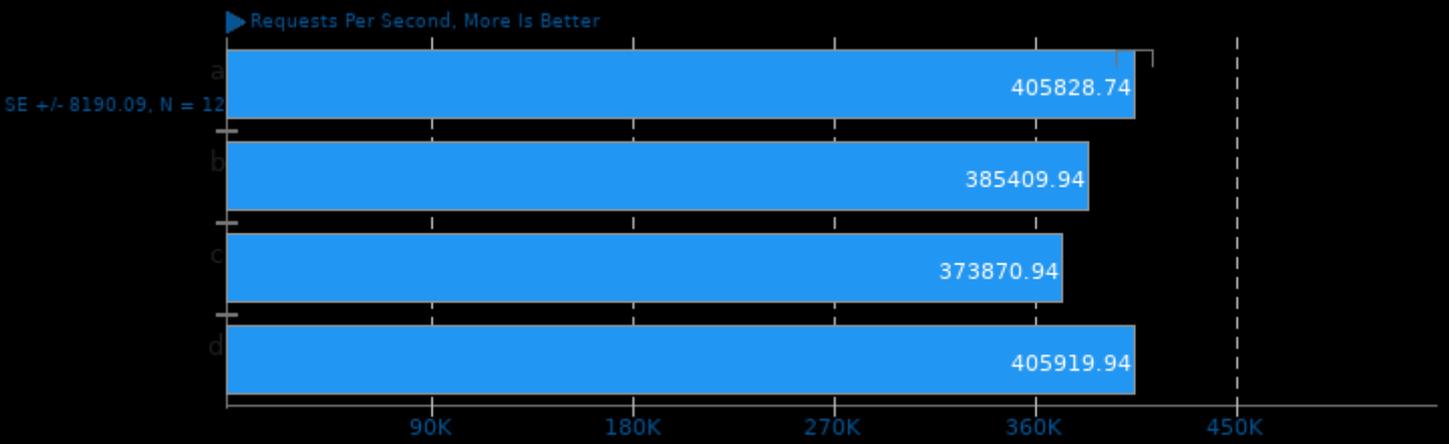
Test: HMSET - Parallel Connections: 500



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

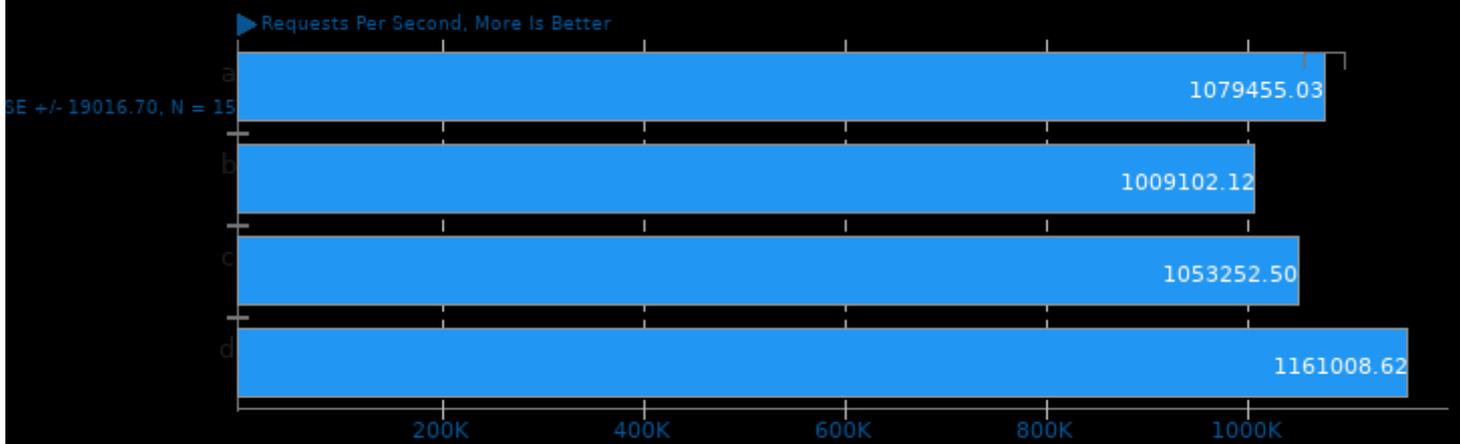
Test: HMSET - Parallel Connections: 900



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

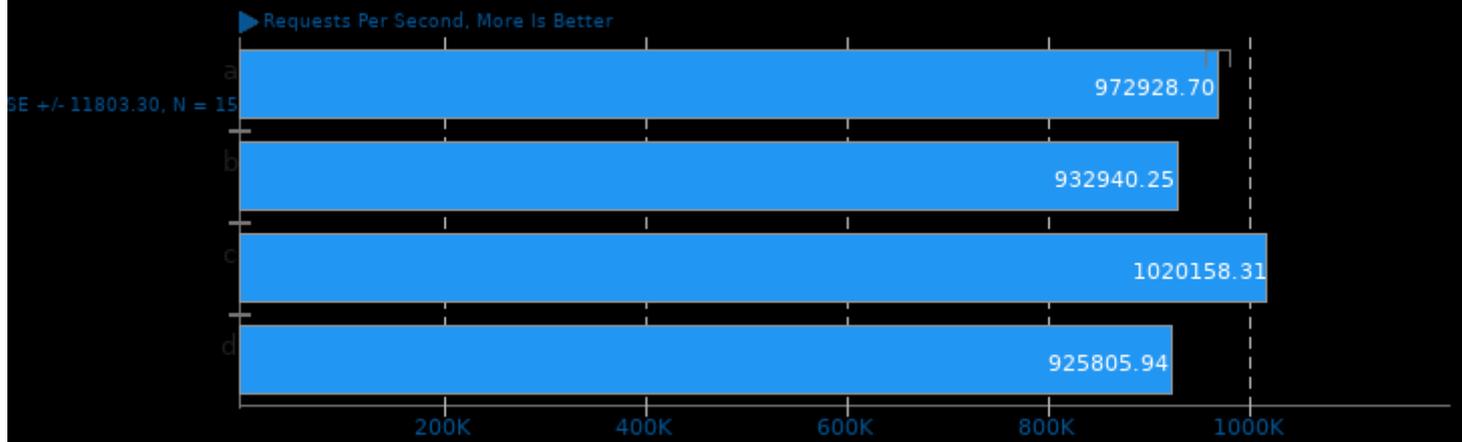
Test: LPUSH - Parallel Connections: 100



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

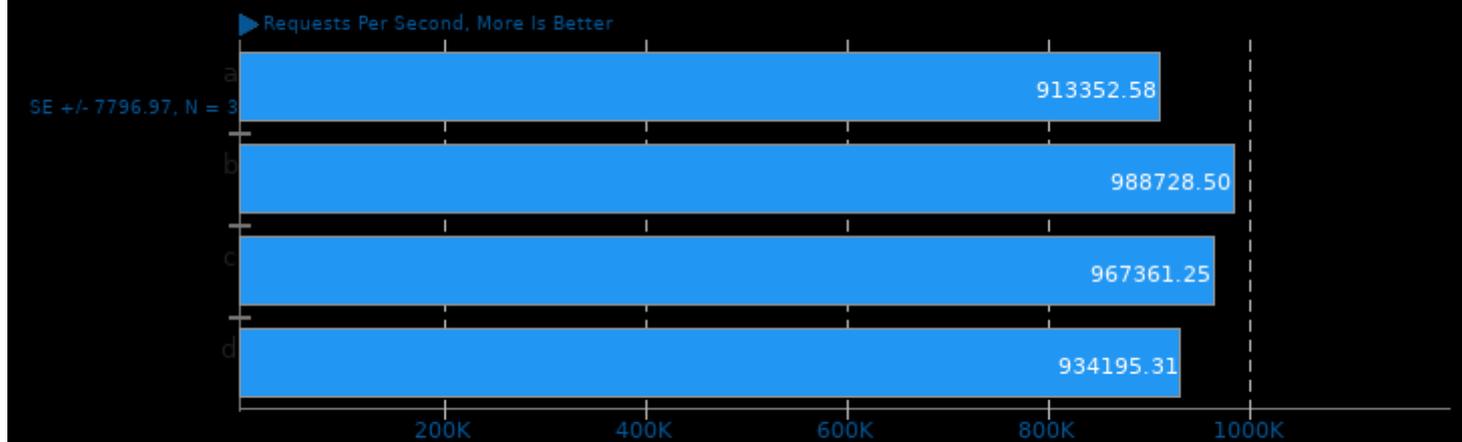
Test: LPUSH - Parallel Connections: 500



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

KeyDB 6.3.2

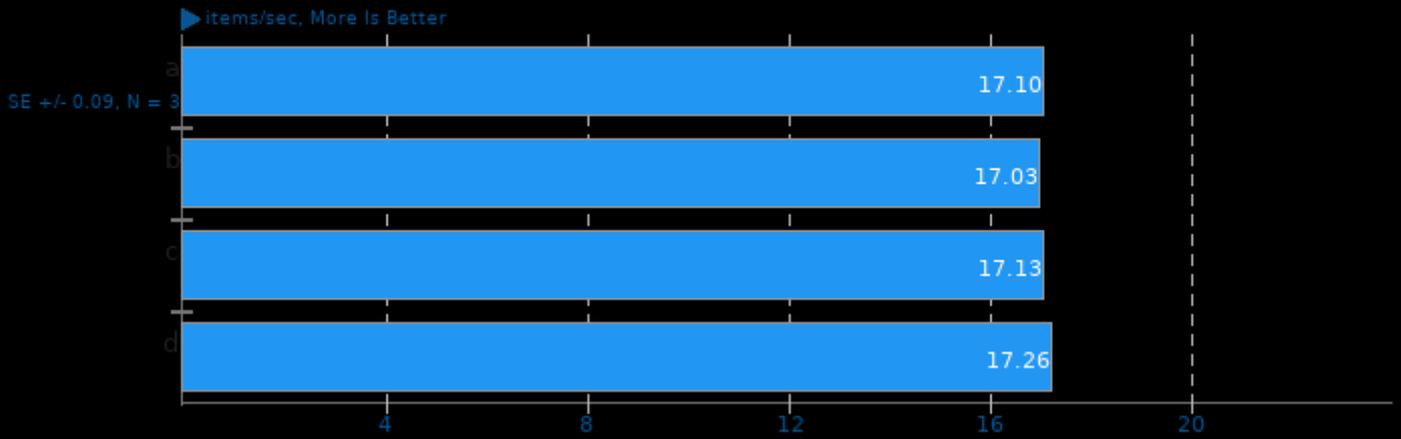
Test: LPUSH - Parallel Connections: 900



1. (CXX) g++ options: -ggdb -rdynamic -lm -lz -lcrypto -lbz2 -lzstd -llz4 -lsnappy -latomic -ldl -pthread -lrt -luuid -lcurl -lssl -std=c++14 -pedantic -fno-rtti

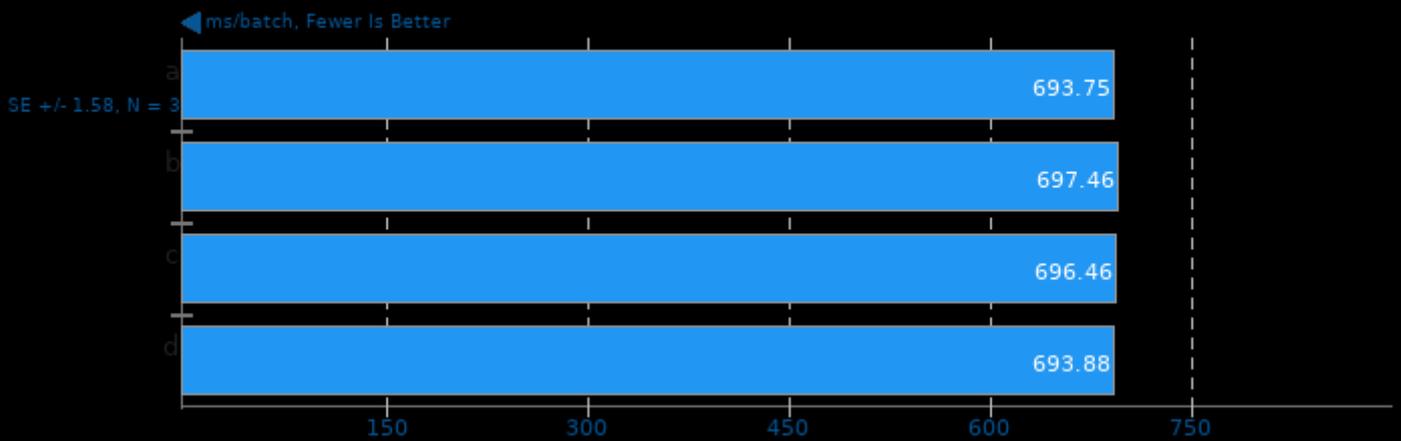
Neural Magic DeepSparse 1.3.2

Model: NLP Document Classification, oBERT base uncased on IMDB - Scenario: Asynchronous Multi-Stream



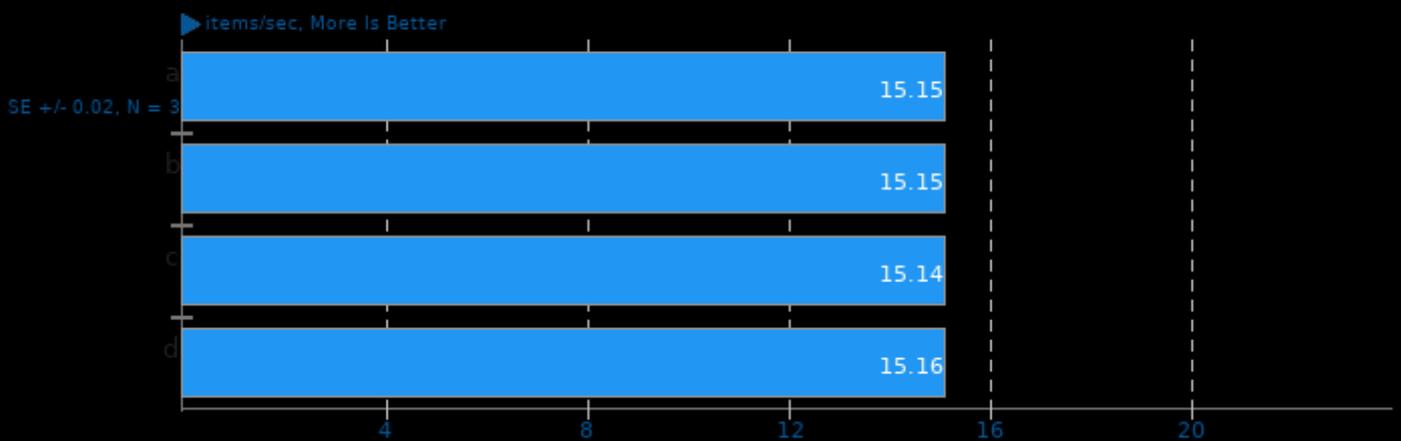
Neural Magic DeepSparse 1.3.2

Model: NLP Document Classification, oBERT base uncased on IMDB - Scenario: Asynchronous Multi-Stream



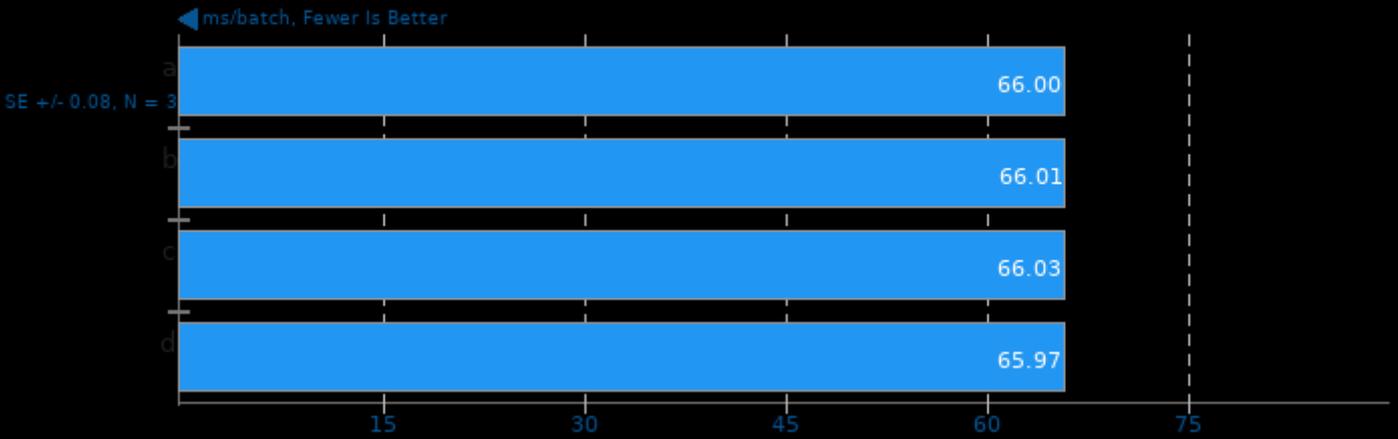
Neural Magic DeepSparse 1.3.2

Model: NLP Document Classification, oBERT base uncased on IMDB - Scenario: Synchronous Single-Stream



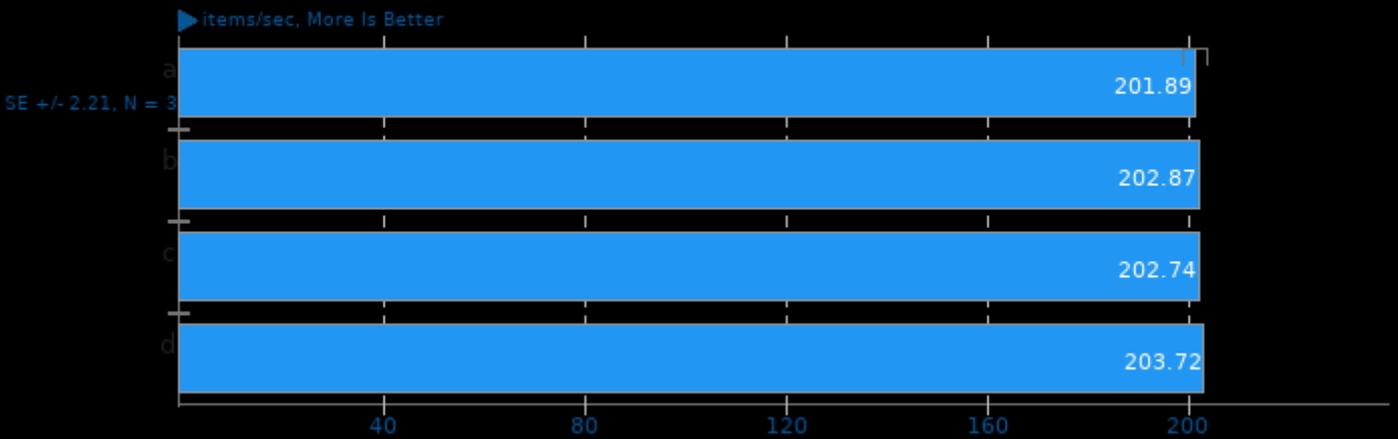
Neural Magic DeepSparse 1.3.2

Model: NLP Document Classification, oBERT base uncased on IMDB - Scenario: Synchronous Single-Stream



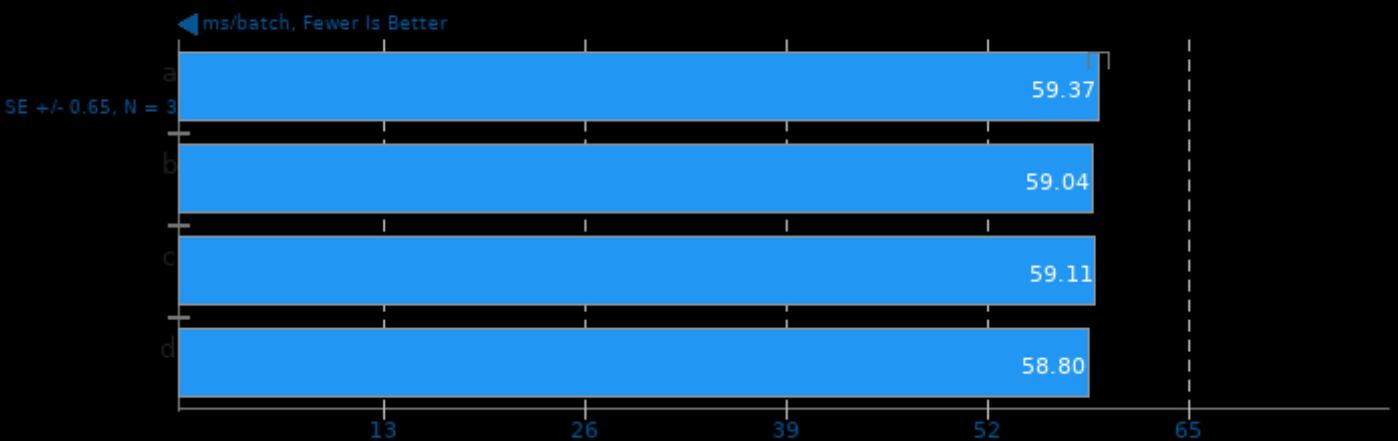
Neural Magic DeepSparse 1.3.2

Model: NLP Sentiment Analysis, 80% Pruned Quantized BERT Base Uncased - Scenario: Asynchronous Multi-Stream



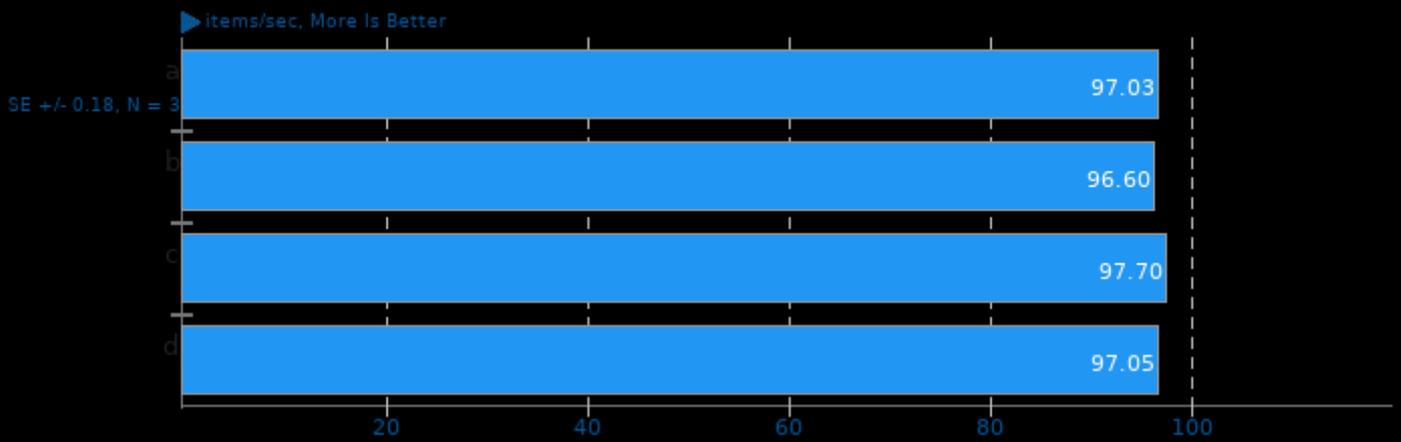
Neural Magic DeepSparse 1.3.2

Model: NLP Sentiment Analysis, 80% Pruned Quantized BERT Base Uncased - Scenario: Asynchronous Multi-Stream



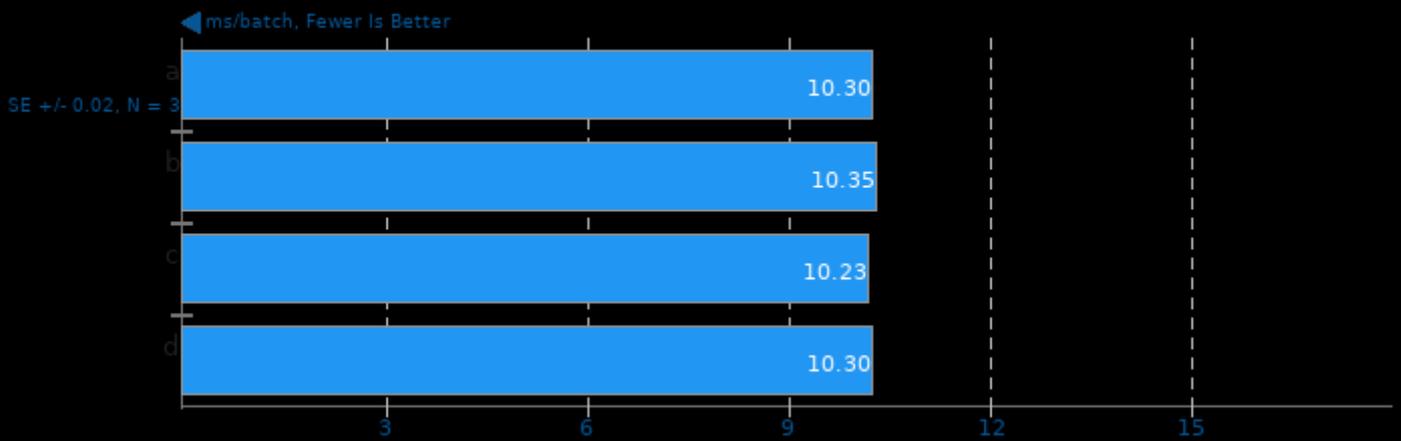
Neural Magic DeepSparse 1.3.2

Model: NLP Sentiment Analysis, 80% Pruned Quantized BERT Base Uncased - Scenario: Synchronous Single-Stream



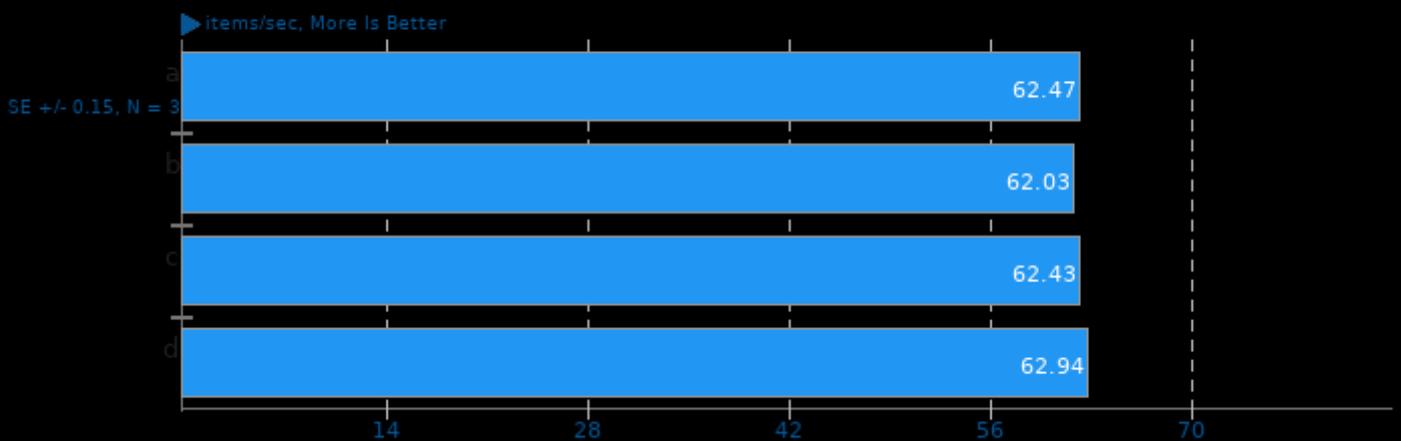
Neural Magic DeepSparse 1.3.2

Model: NLP Sentiment Analysis, 80% Pruned Quantized BERT Base Uncased - Scenario: Synchronous Single-Stream



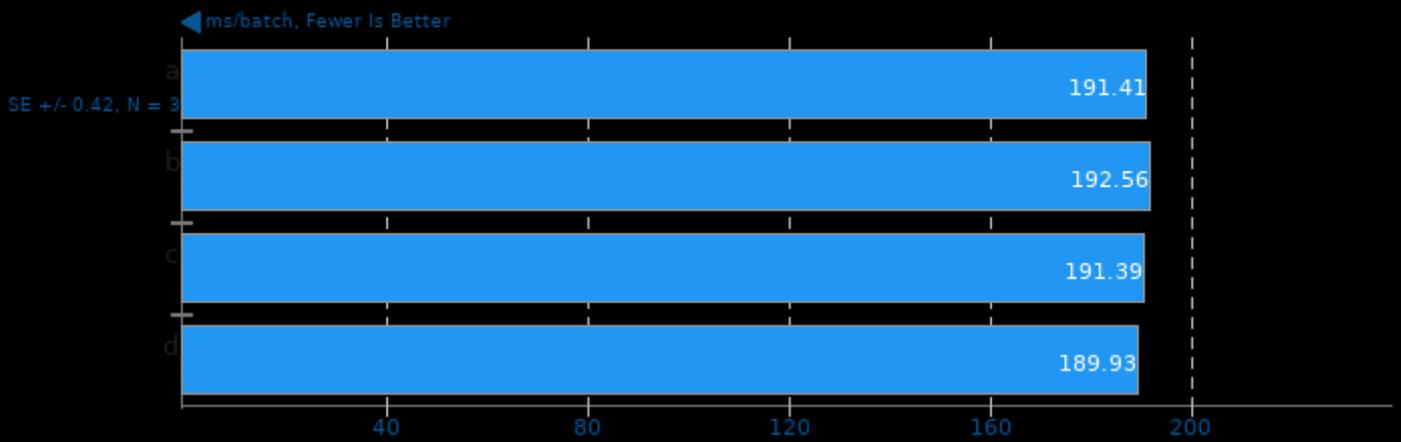
Neural Magic DeepSparse 1.3.2

Model: NLP Question Answering, BERT base uncased SQuaD 12layer Pruned90 - Scenario: Asynchronous Multi-Stream



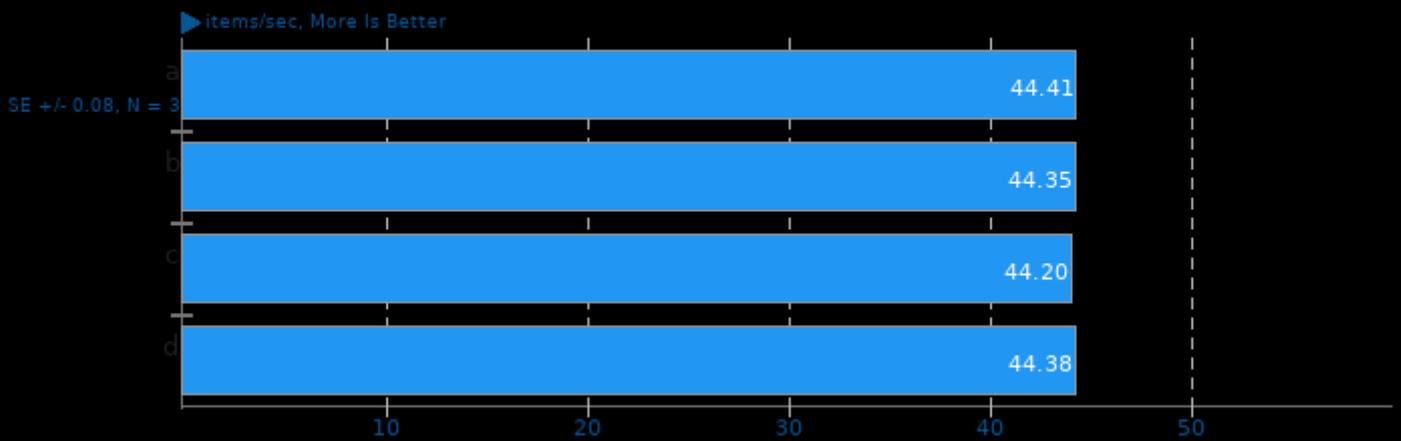
Neural Magic DeepSparse 1.3.2

Model: NLP Question Answering, BERT base uncased SQuaD 12layer Pruned90 - Scenario: Asynchronous Multi-Stream



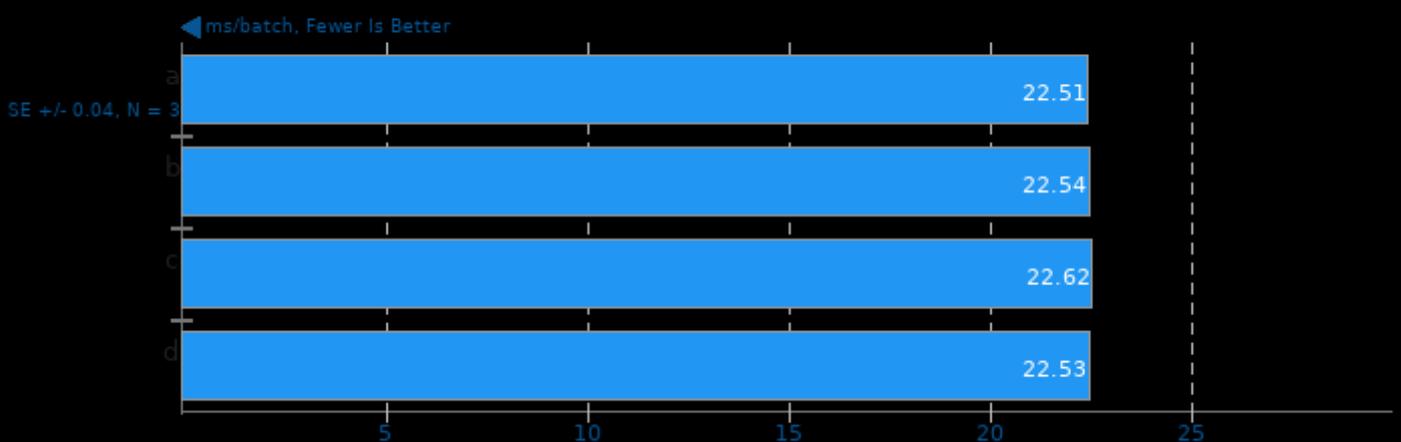
Neural Magic DeepSparse 1.3.2

Model: NLP Question Answering, BERT base uncased SQuaD 12layer Pruned90 - Scenario: Synchronous Single-Stream



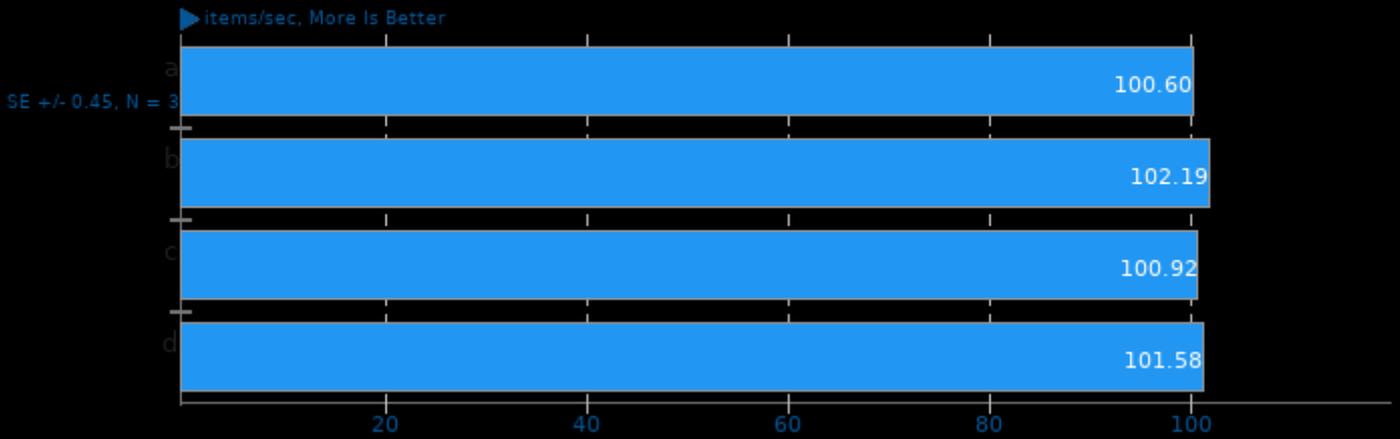
Neural Magic DeepSparse 1.3.2

Model: NLP Question Answering, BERT base uncased SQuaD 12layer Pruned90 - Scenario: Synchronous Single-Stream



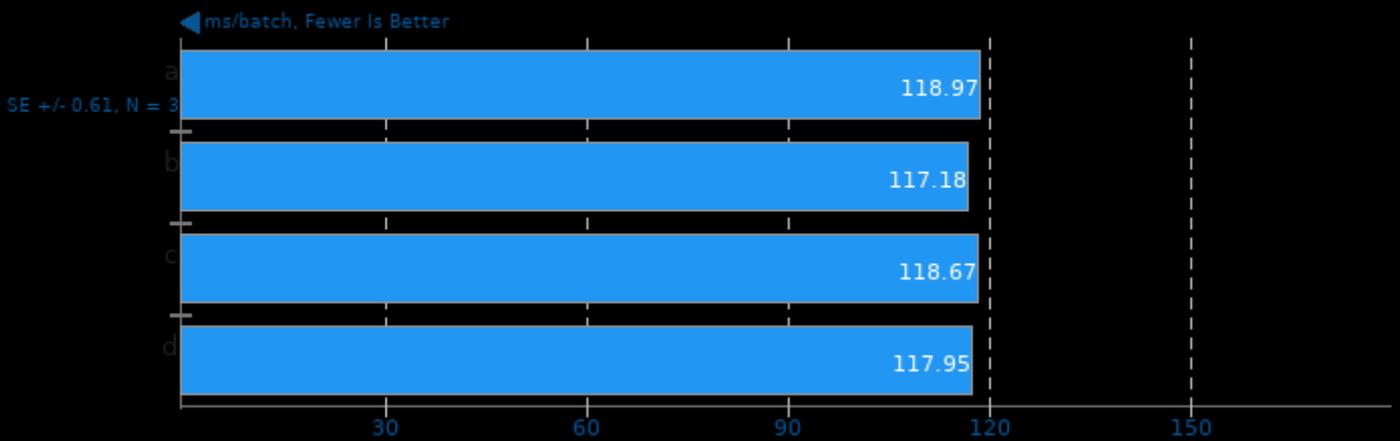
Neural Magic DeepSparse 1.3.2

Model: CV Detection, YOLOv5s COCO - Scenario: Asynchronous Multi-Stream



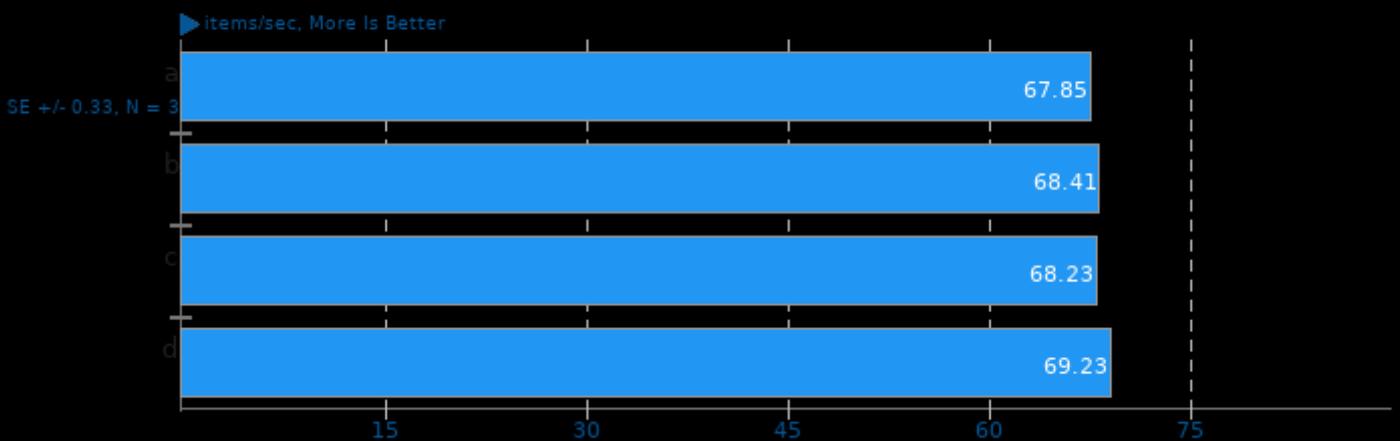
Neural Magic DeepSparse 1.3.2

Model: CV Detection, YOLOv5s COCO - Scenario: Asynchronous Multi-Stream



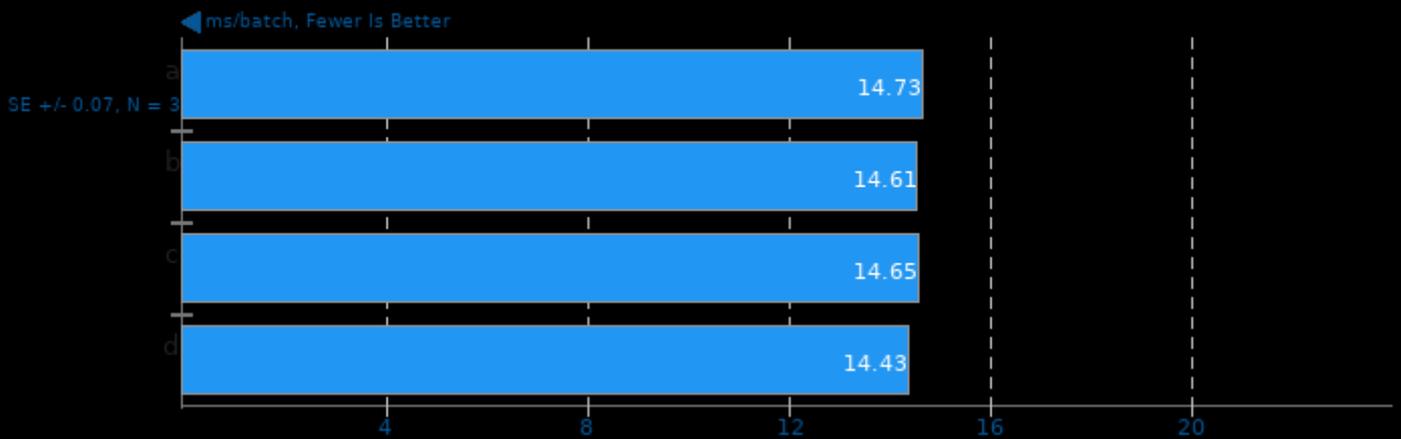
Neural Magic DeepSparse 1.3.2

Model: CV Detection, YOLOv5s COCO - Scenario: Synchronous Single-Stream



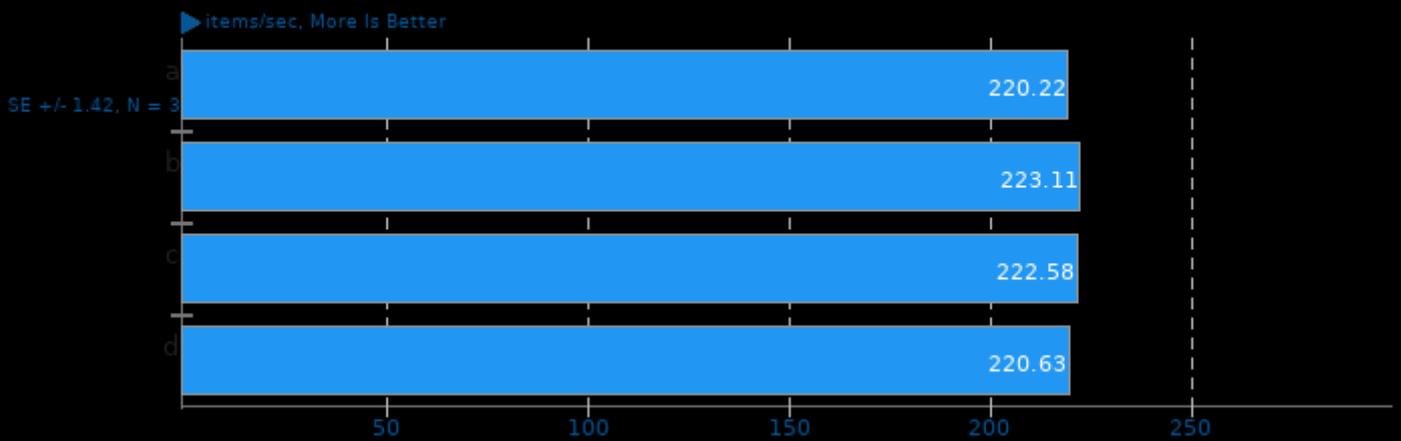
Neural Magic DeepSparse 1.3.2

Model: CV Detection, YOLOv5s COCO - Scenario: Synchronous Single-Stream



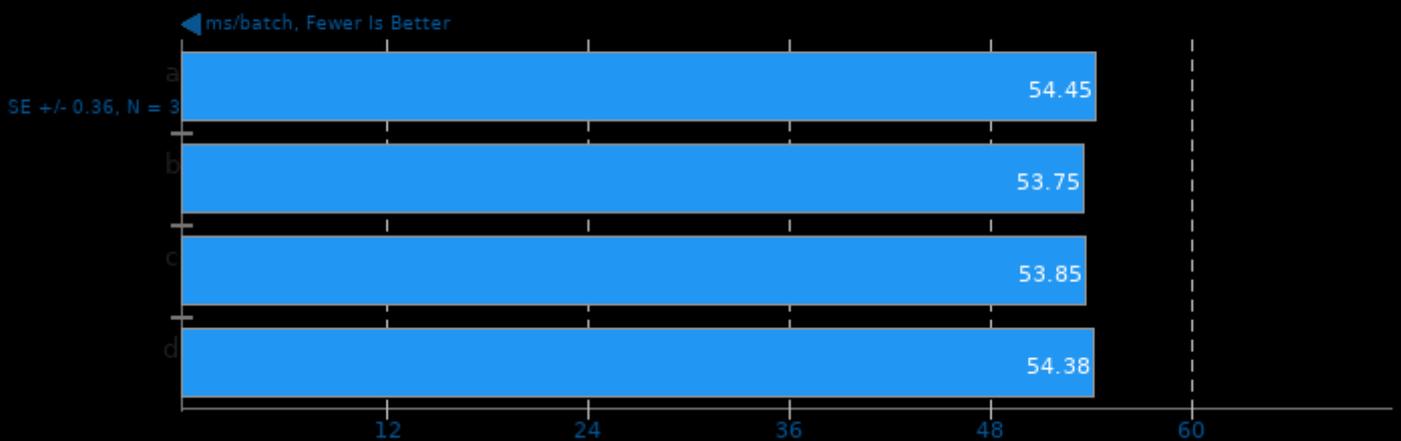
Neural Magic DeepSparse 1.3.2

Model: CV Classification, ResNet-50 ImageNet - Scenario: Asynchronous Multi-Stream



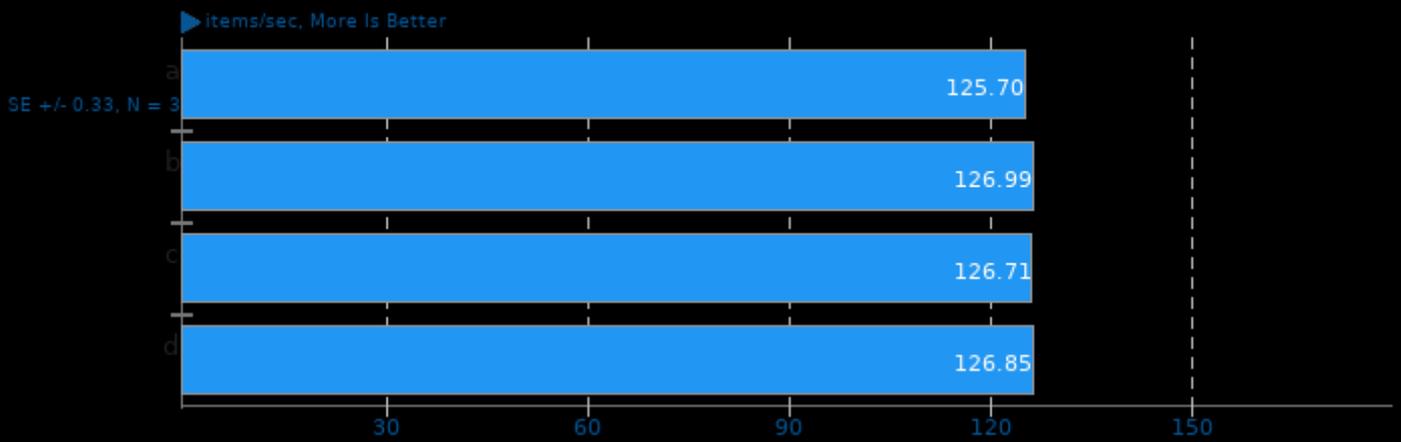
Neural Magic DeepSparse 1.3.2

Model: CV Classification, ResNet-50 ImageNet - Scenario: Asynchronous Multi-Stream



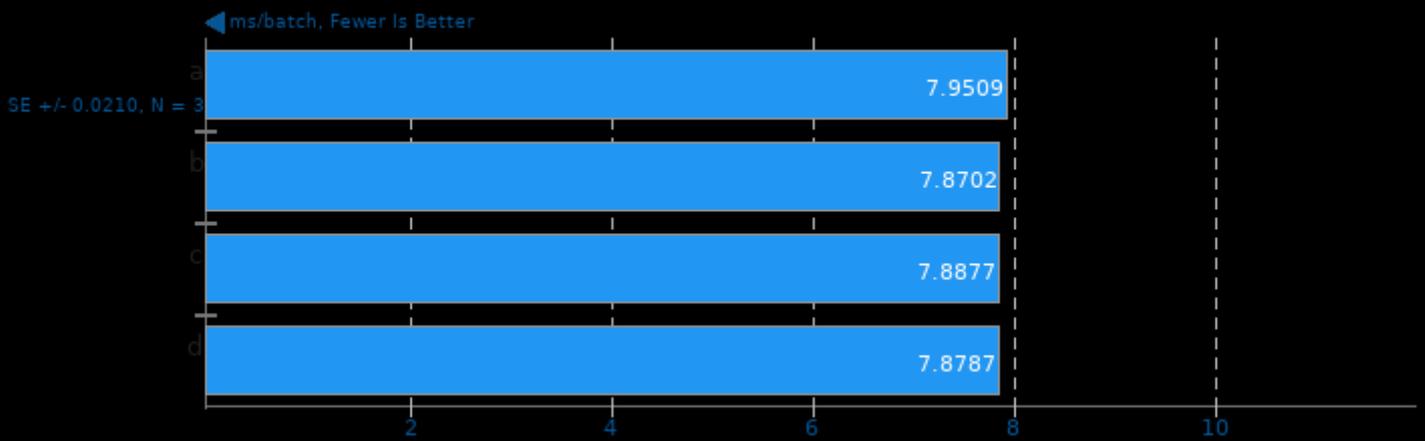
Neural Magic DeepSparse 1.3.2

Model: CV Classification, ResNet-50 ImageNet - Scenario: Synchronous Single-Stream



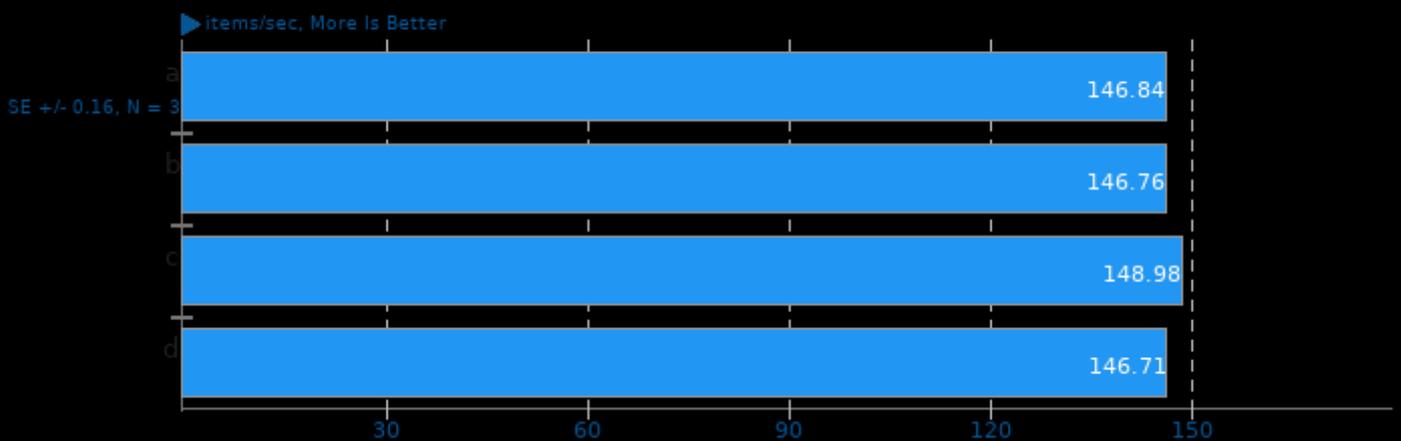
Neural Magic DeepSparse 1.3.2

Model: CV Classification, ResNet-50 ImageNet - Scenario: Synchronous Single-Stream



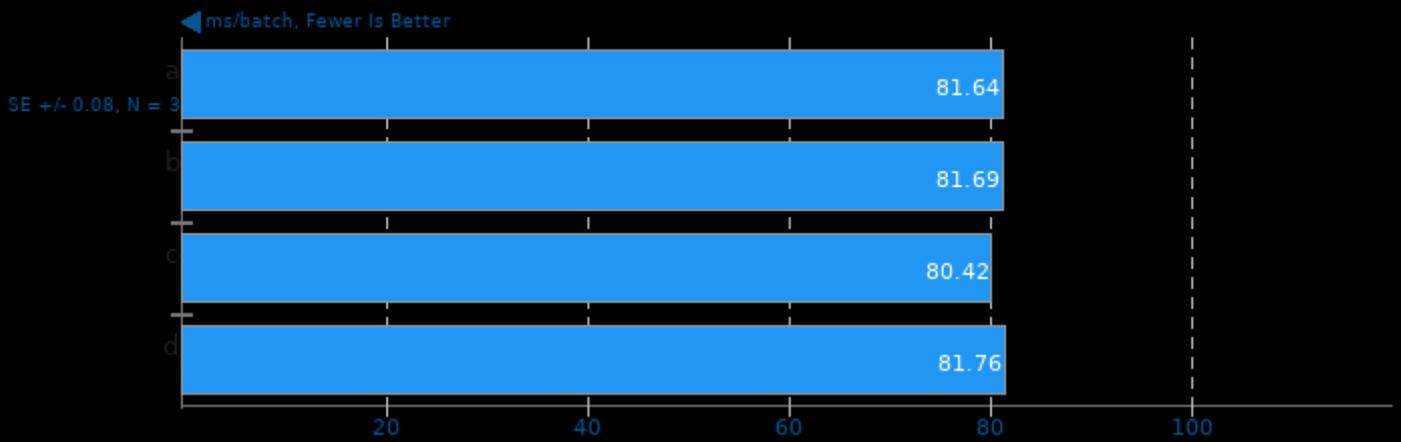
Neural Magic DeepSparse 1.3.2

Model: NLP Text Classification, DistilBERT mnli - Scenario: Asynchronous Multi-Stream



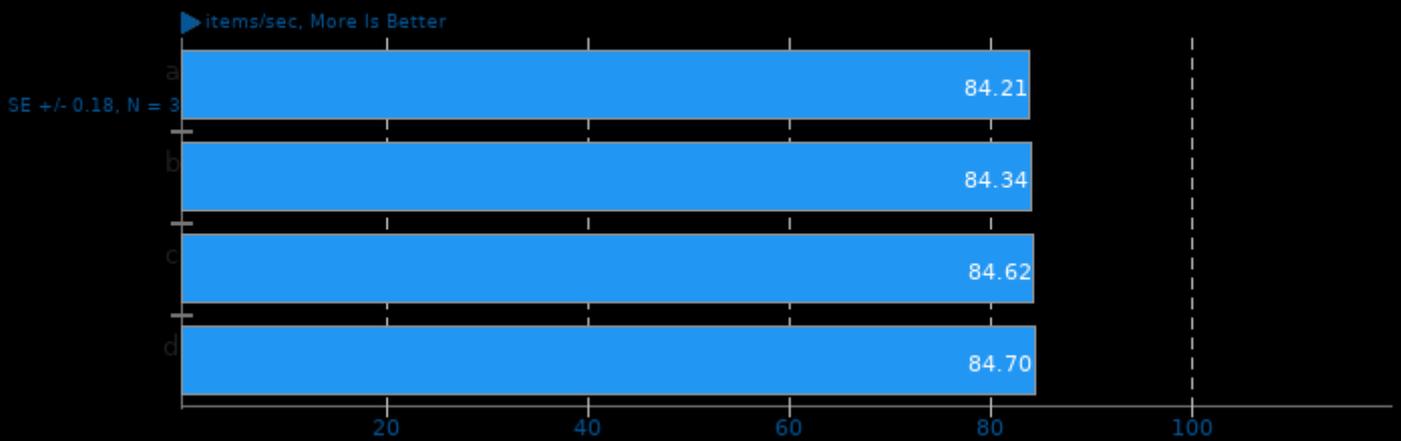
Neural Magic DeepSparse 1.3.2

Model: NLP Text Classification, DistilBERT mli - Scenario: Asynchronous Multi-Stream



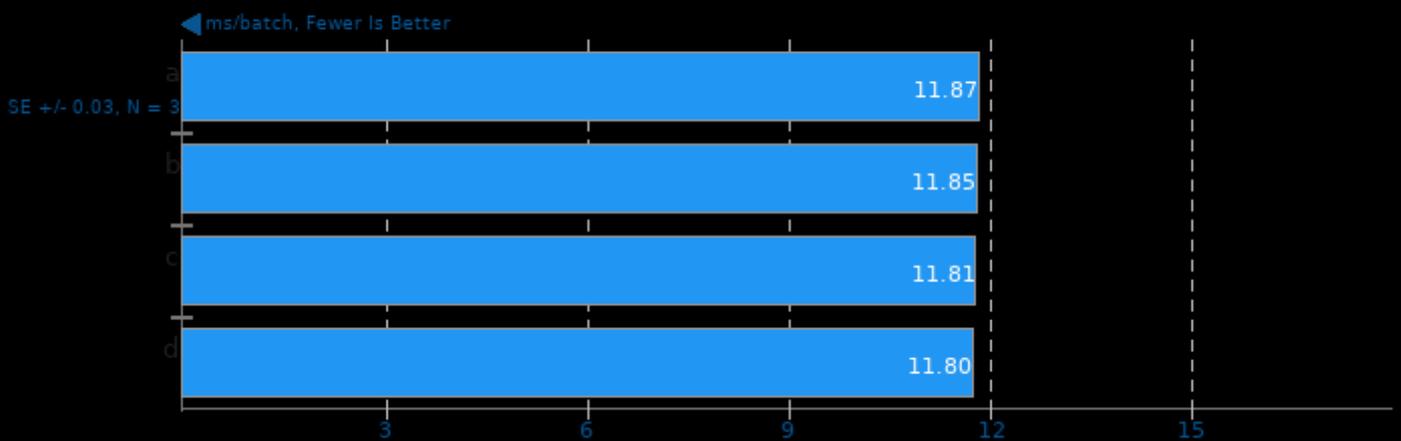
Neural Magic DeepSparse 1.3.2

Model: NLP Text Classification, DistilBERT mli - Scenario: Synchronous Single-Stream



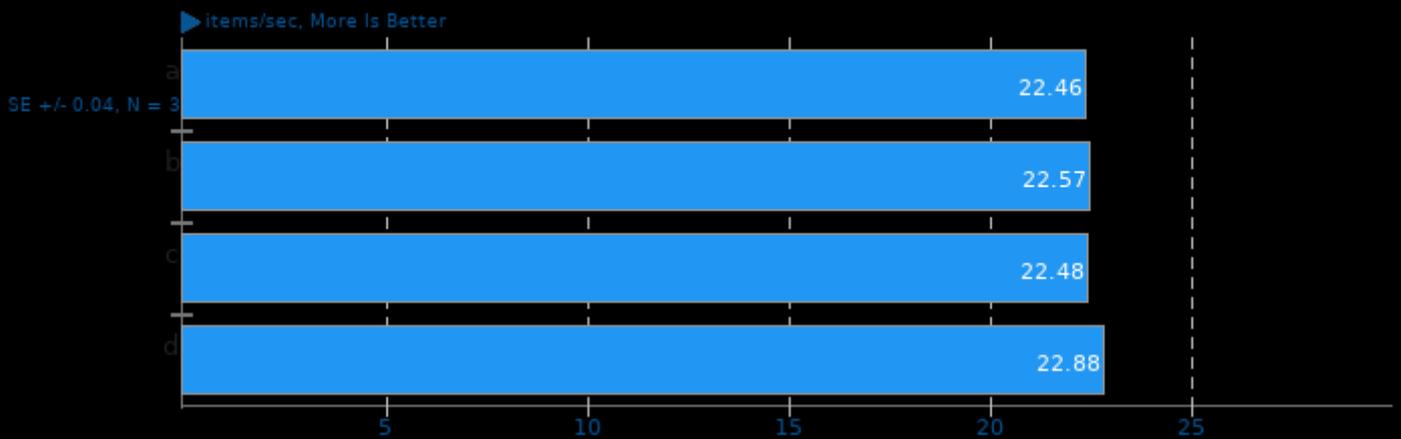
Neural Magic DeepSparse 1.3.2

Model: NLP Text Classification, DistilBERT mli - Scenario: Synchronous Single-Stream



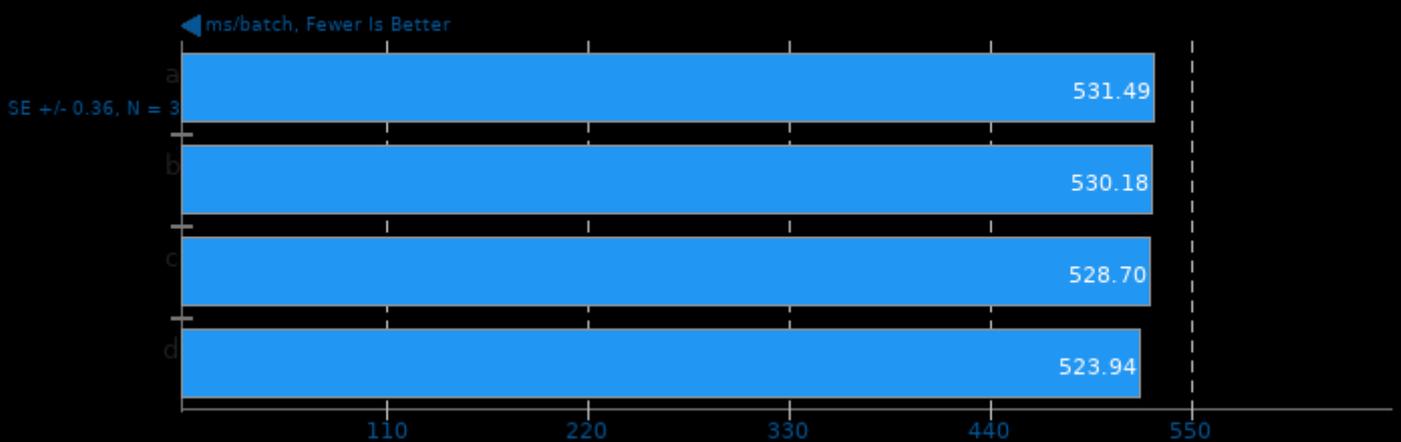
Neural Magic DeepSparse 1.3.2

Model: CV Segmentation, 90% Pruned YOLACT Pruned - Scenario: Asynchronous Multi-Stream



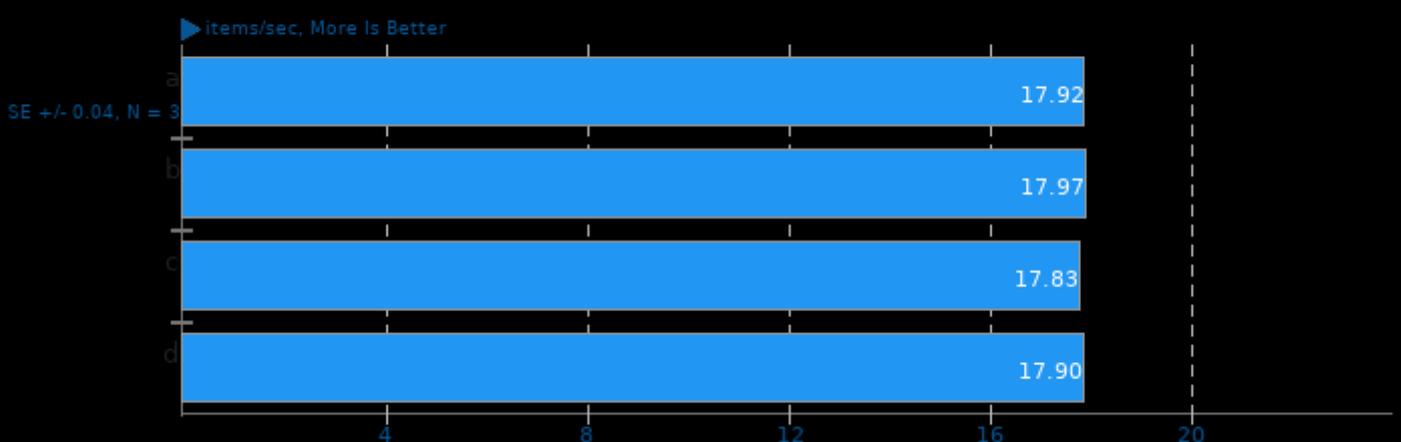
Neural Magic DeepSparse 1.3.2

Model: CV Segmentation, 90% Pruned YOLACT Pruned - Scenario: Asynchronous Multi-Stream



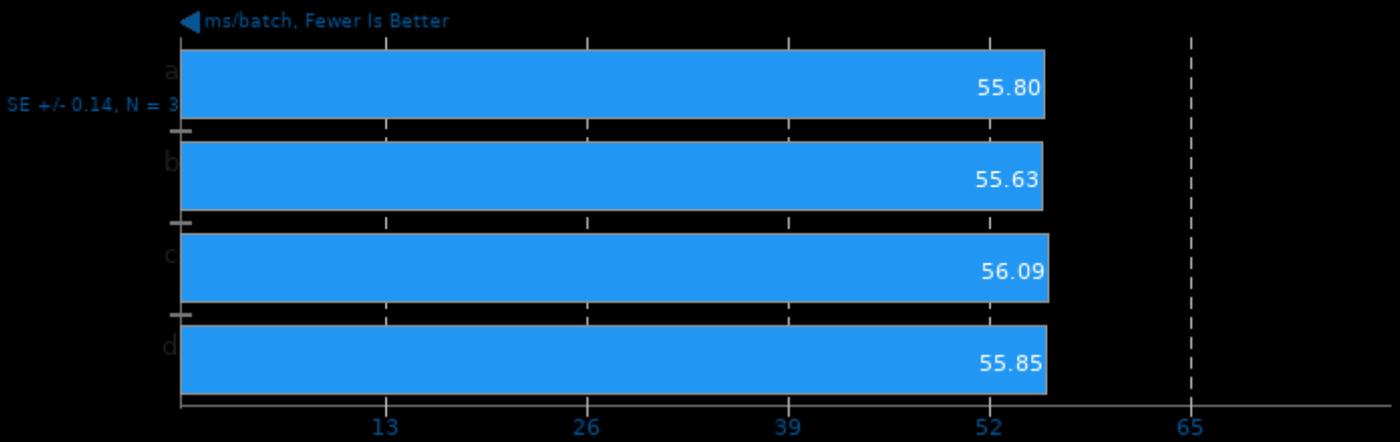
Neural Magic DeepSparse 1.3.2

Model: CV Segmentation, 90% Pruned YOLACT Pruned - Scenario: Synchronous Single-Stream



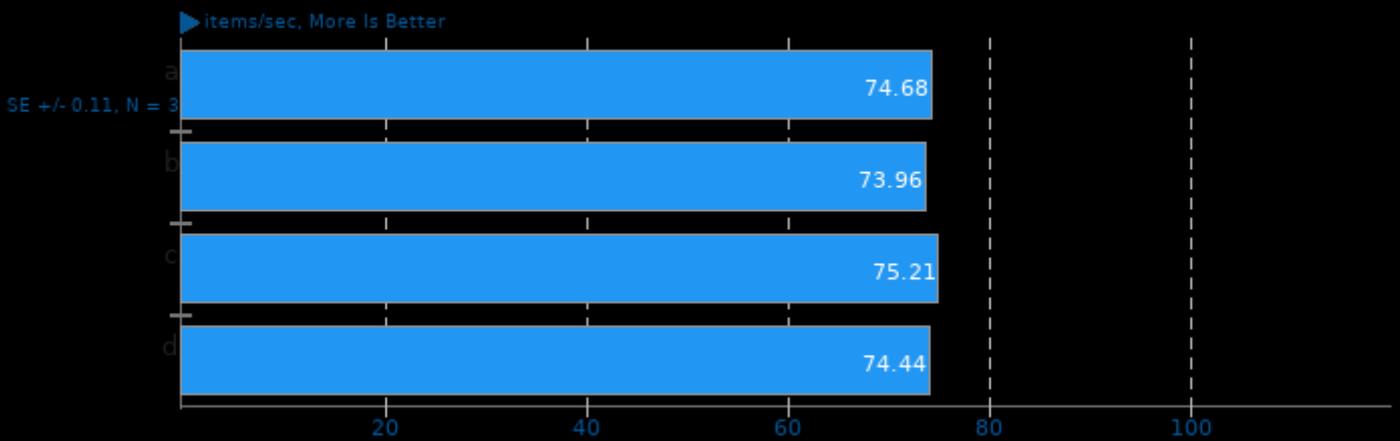
Neural Magic DeepSparse 1.3.2

Model: CV Segmentation, 90% Pruned YOLACT Pruned - Scenario: Synchronous Single-Stream



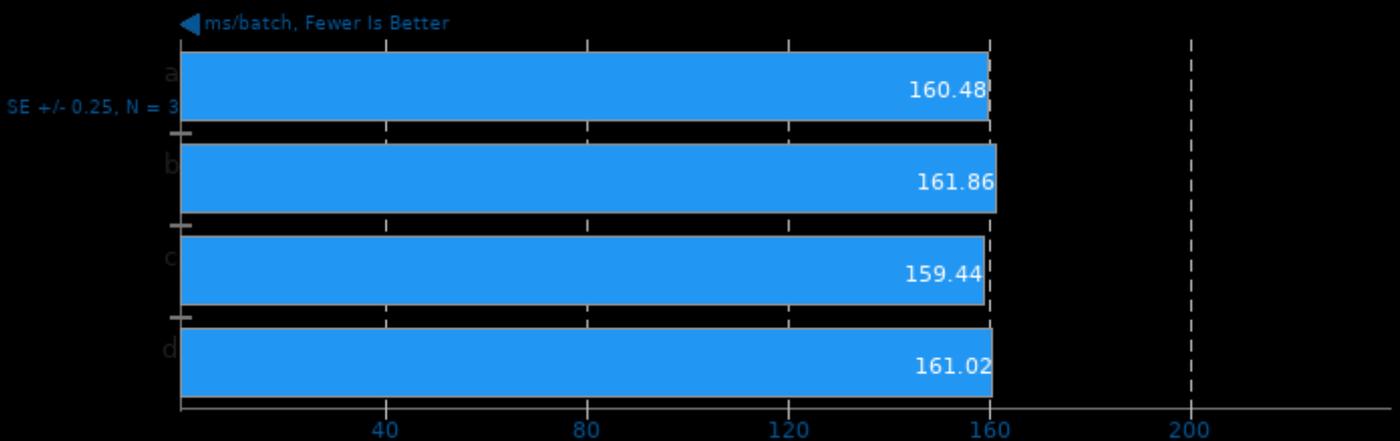
Neural Magic DeepSparse 1.3.2

Model: NLP Text Classification, BERT base uncased SST2 - Scenario: Asynchronous Multi-Stream



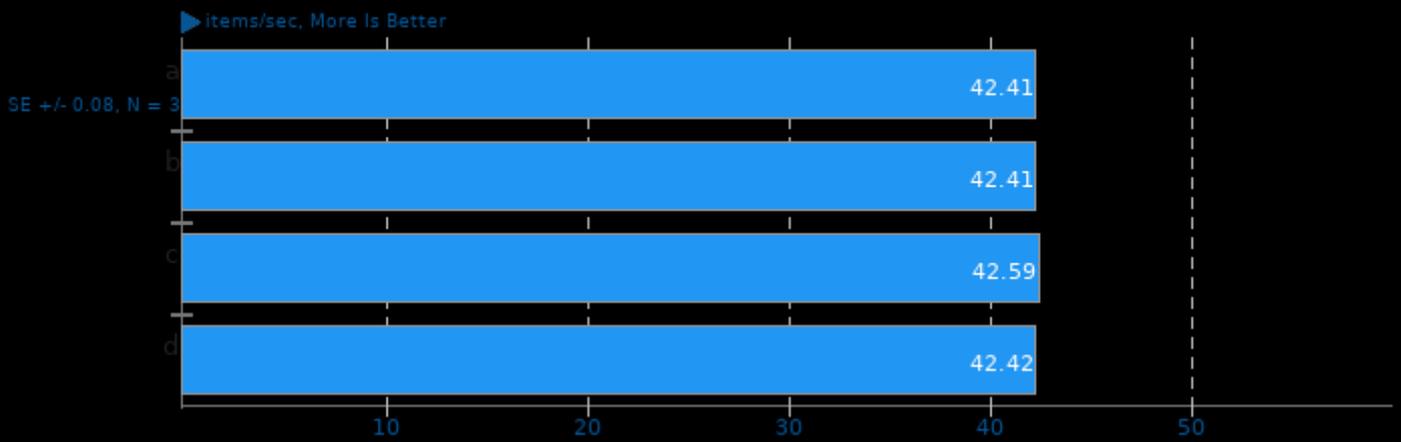
Neural Magic DeepSparse 1.3.2

Model: NLP Text Classification, BERT base uncased SST2 - Scenario: Asynchronous Multi-Stream



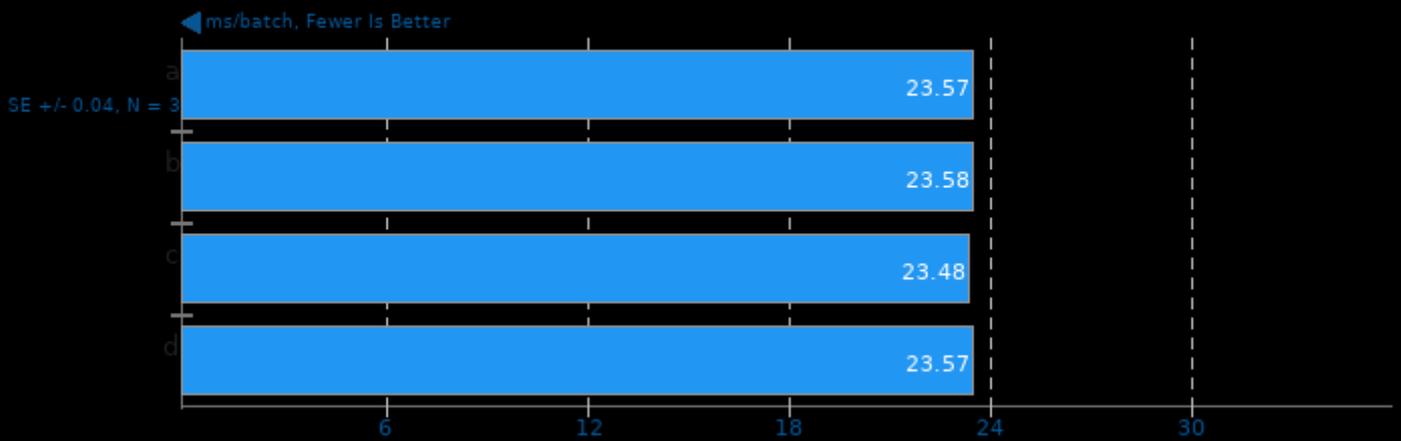
Neural Magic DeepSparse 1.3.2

Model: NLP Text Classification, BERT base uncased SST2 - Scenario: Synchronous Single-Stream



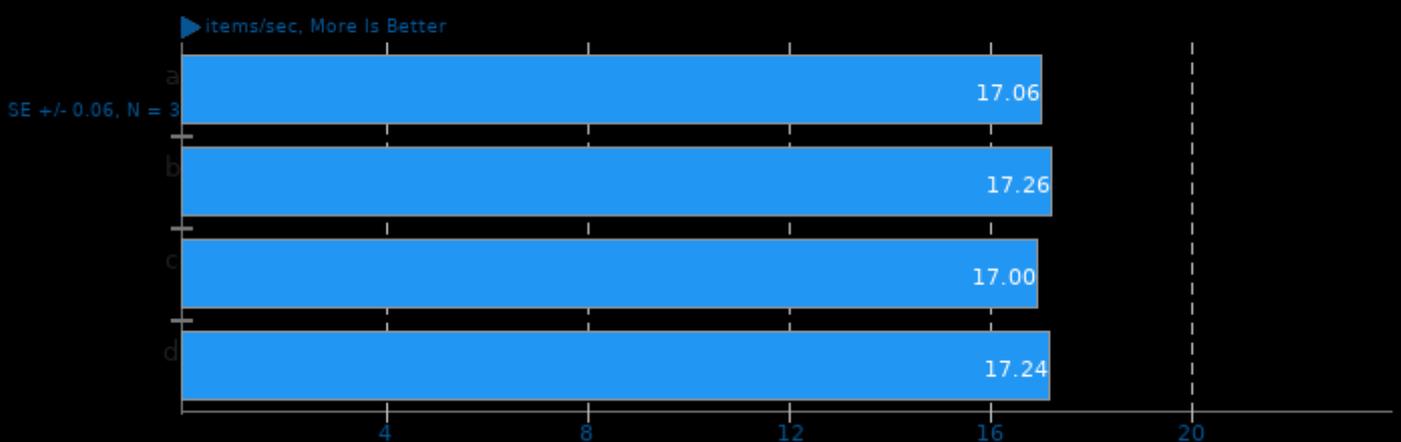
Neural Magic DeepSparse 1.3.2

Model: NLP Text Classification, BERT base uncased SST2 - Scenario: Synchronous Single-Stream



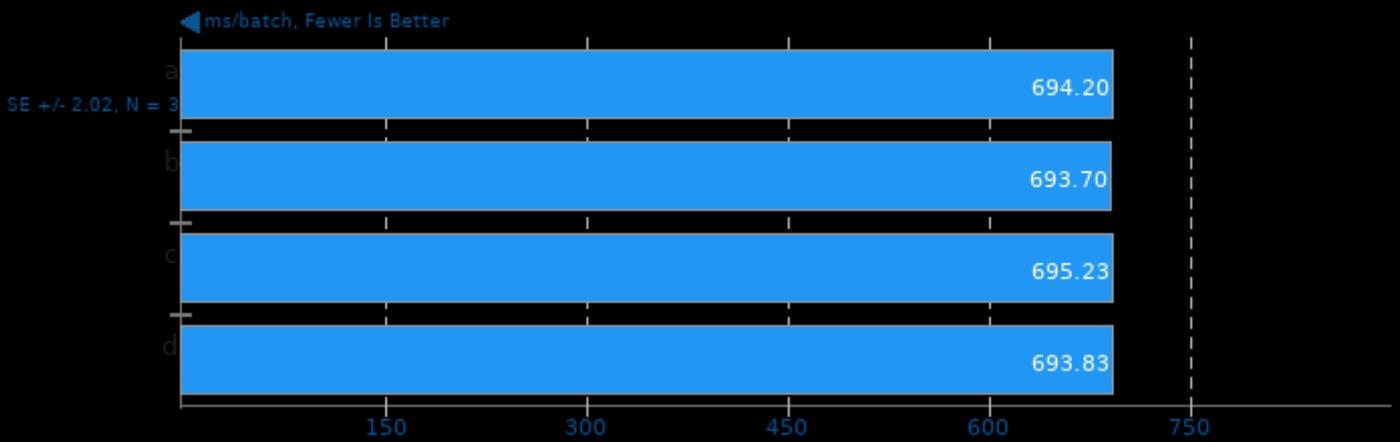
Neural Magic DeepSparse 1.3.2

Model: NLP Token Classification, BERT base uncased conll2003 - Scenario: Asynchronous Multi-Stream



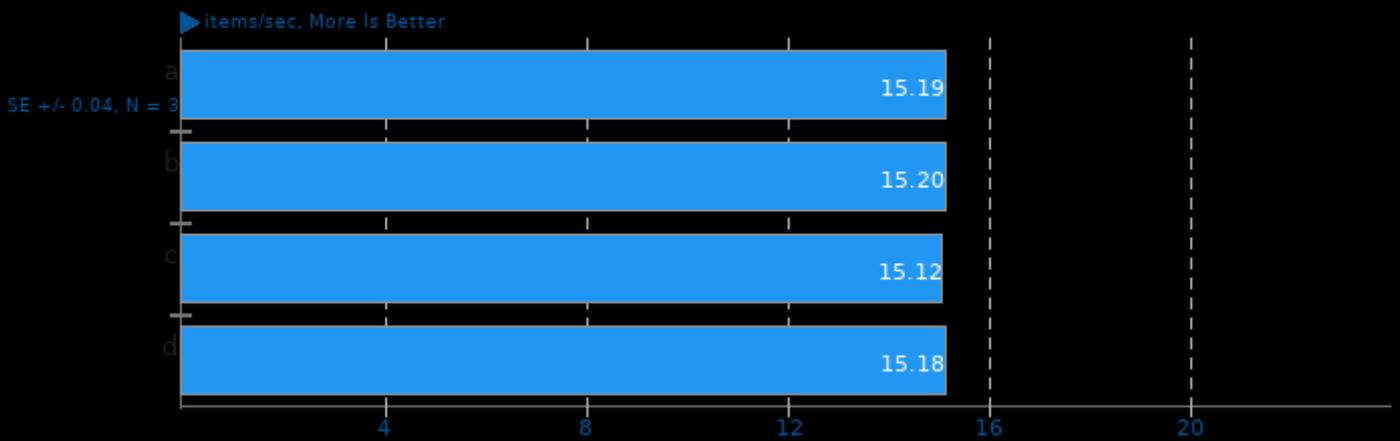
Neural Magic DeepSparse 1.3.2

Model: NLP Token Classification, BERT base uncased conll2003 - Scenario: Asynchronous Multi-Stream



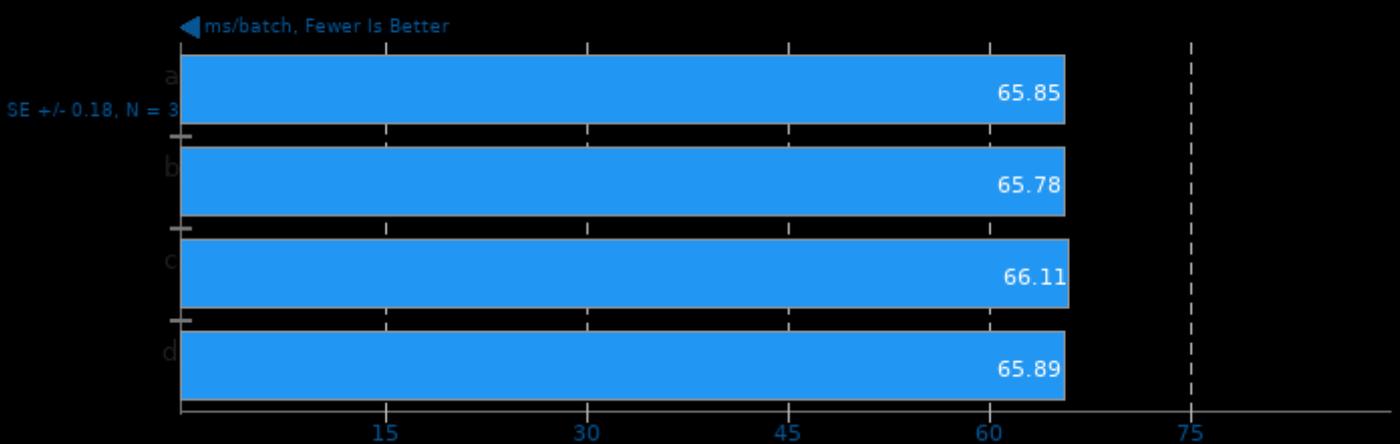
Neural Magic DeepSparse 1.3.2

Model: NLP Token Classification, BERT base uncased conll2003 - Scenario: Synchronous Single-Stream



Neural Magic DeepSparse 1.3.2

Model: NLP Token Classification, BERT base uncased conll2003 - Scenario: Synchronous Single-Stream



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 20:56.