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stress-all

2 x Intel Xeon X5680 testing with a HP 0AECh (786G5 v03.56 BIOS) and NVIDIA Quadro 600 1GB on Ubuntu 19.04 via the Phoronix Test Suite.

Test Systems:

2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP

Processor: 2 x Intel Xeon X5680 @ 3.33GHz (12 Cores / 24 Threads), Motherboard: HP 0AECh (786G5 v03.56 BIOS), Chipset: Intel 5520 I/O + ICH10R, Memory: 32768MB, Disk: 300GB Seagate ST3300657SS + 300GB HUS156030VLS600, Graphics: NVIDIA Quadro 600 1GB (641/793MHz), Audio: Realtek ALC262, Monitor: C27H71x, Network: 2 x Broadcom NetXtreme BCM5764M PCIe

OS: Ubuntu 19.04, Kernel: 5.0.0-19-generic (x86_64), Desktop: GNOME Shell 3.32.0, Display Server: X Server 1.20.4, Display Driver: NVIDIA 390.116, OpenGL: 4.6.0, Compiler: GCC 8.3.0, File-System: ext4, Screen Resolution: 1920x1080

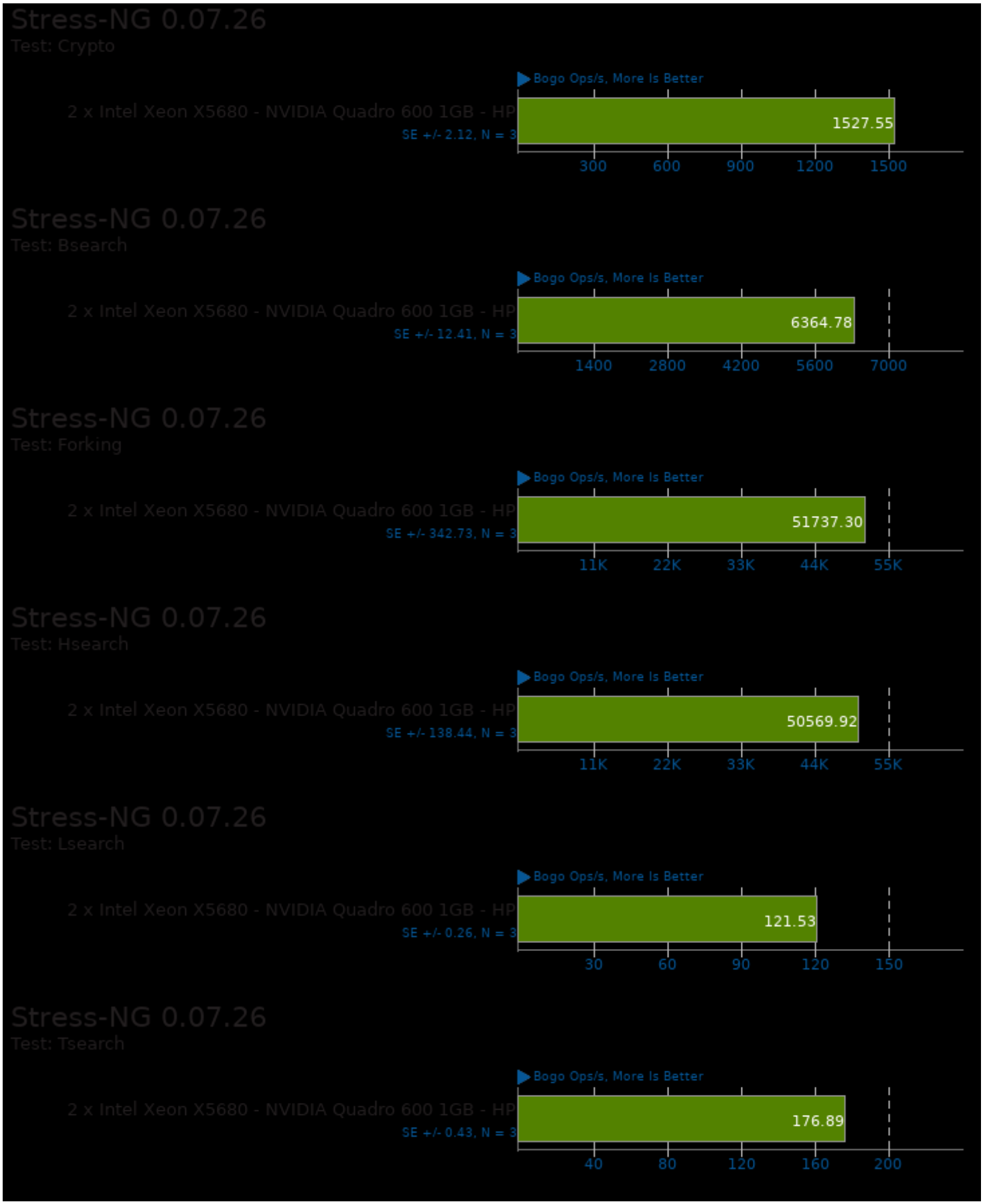
Compiler Notes: --build=x86_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes

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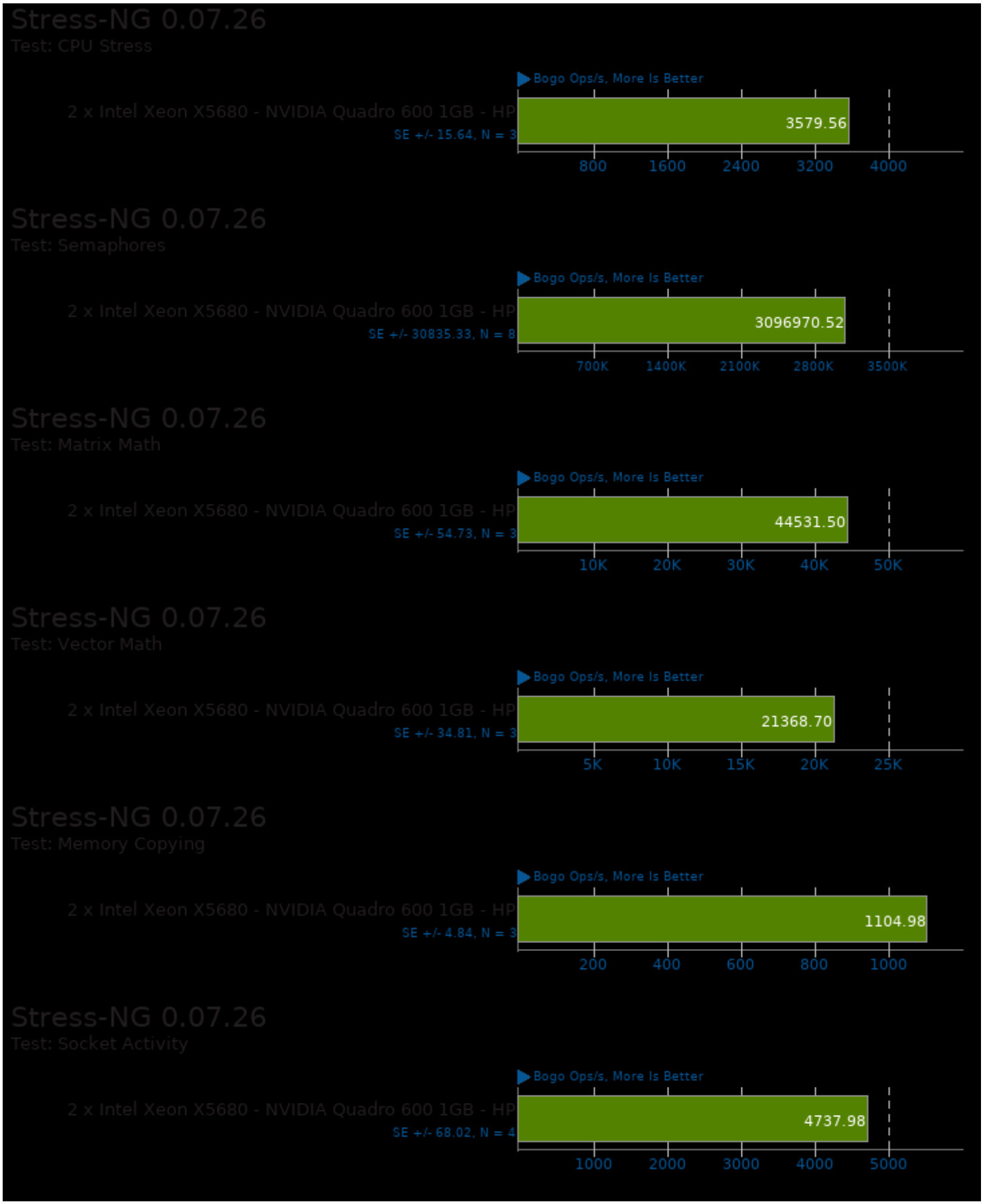
--enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --program-prefix=x86_64-linux-gnu- --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --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
Security Notes: l1tf: Mitigation of PTE Inversion; VMX: conditional cache flushes SMT vulnerable + mds: Vulnerable: Clear buffers attempted no microcode; SMT vulnerable + meltdown: Mitigation of PTI + spec_store_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre_v1: Mitigation of __user pointer sanitization + spectre_v2: Mitigation of Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling

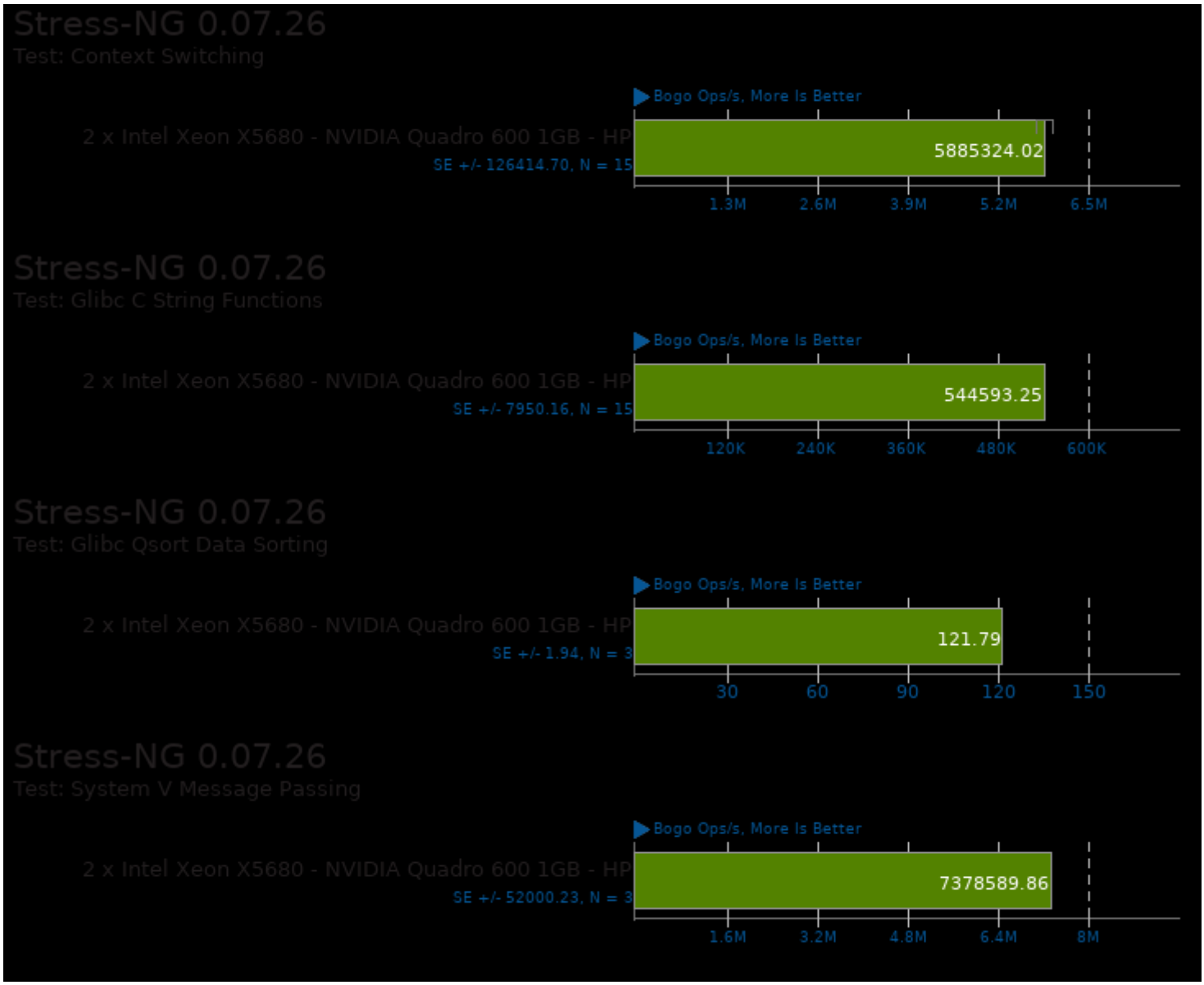
	2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
Stress-NG - Crypto (Bogo Ops/s)	1528
Standard Deviation	0.2%
Stress-NG - Bsearch (Bogo Ops/s)	6365
Standard Deviation	0.3%
Stress-NG - Forking (Bogo Ops/s)	51737
Standard Deviation	1.1%
Stress-NG - Hsearch (Bogo Ops/s)	50570
Standard Deviation	0.5%
Stress-NG - Lsearch (Bogo Ops/s)	121.53
Standard Deviation	0.4%
Stress-NG - Tsearch (Bogo Ops/s)	176.89
Standard Deviation	0.4%
Stress-NG - CPU Stress (Bogo Ops/s)	3580
Standard Deviation	0.8%
Stress-NG - Semaphores (Bogo Ops/s)	3096971
Standard Deviation	2.8%
Stress-NG - Matrix Math (Bogo Ops/s)	44532
Standard Deviation	0.2%
Stress-NG - Vector Math (Bogo Ops/s)	21369
Standard Deviation	0.3%
Stress-NG - Memory Copying (Bogo Ops/s)	1105
Standard Deviation	0.8%
Stress-NG - Socket Activity (Bogo Ops/s)	4738
Standard Deviation	2.9%
Stress-NG - Context Switching (Bogo Ops/s)	5885324
Standard Deviation	8.3%
Stress-NG - G.C.S.F (Bogo Ops/s)	544593
Standard Deviation	5.7%
Stress-NG - G.Q.D.S (Bogo Ops/s)	121.79
Standard Deviation	2.8%
Stress-NG - S.V.M.P (Bogo Ops/s)	7378590
Standard Deviation	1.2%

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Stress-NG 0.07.26
Test: Crypto
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 2.12, N = 3
1527.55
300
600
900
1200
1500
Stress-NG 0.07.26
Test: Bsearch
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 12.41, N = 3
6364.78
1400
2800
4200
5600
7000
Stress-NG 0.07.26
Test: Forking
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 342.73, N = 3
51737.30
11K
22K
33K
44K
55K
Stress-NG 0.07.26
Test: Hsearch
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 138.44, N = 3
50569.92
11K
22K
33K
44K
55K
Stress-NG 0.07.26
Test: Lsearch
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 0.26, N = 3
121.53
30
60
90
120
150
Stress-NG 0.07.26
Test: Tsearch
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 0.43, N = 3
176.89
40
80
120
160
200

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Stress-NG 0.07.26
Test: CPU Stress
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 15.64, N = 3
3579.56
800
1600
2400
3200
4000
Stress-NG 0.07.26
Test: Semaphores
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 30835.33, N = 8
3096970.52
700K
1400K
2100K
2800K
3500K
Stress-NG 0.07.26
Test: Matrix Math
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 54.73, N = 3
44531.50
10K
20K
30K
40K
50K
Stress-NG 0.07.26
Test: Vector Math
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 34.81, N = 3
21368.70
5K
10K
15K
20K
25K
Stress-NG 0.07.26
Test: Memory Copying
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 4.84, N = 3
1104.98
200
400
600
800
1000
Stress-NG 0.07.26
Test: Socket Activity
Bogo Ops/s, More Is Better
2 x Intel Xeon X5680 - NVIDIA Quadro 600 1GB - HP
SE +/- 68.02, N = 4
4737.98
1000
2000
3000
4000
5000



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 12:15.