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t440p-stress-all

Intel Core i7-4702MQ testing with a LENOVO 20AWS10V00 (GLET95WW 2.49 BIOS) and Intel Haswell Mobile 1536MB on Ubuntu 18.04 via the Phoronix Test Suite.

Test Systems:

Intel Core i7-4702MQ - Intel Haswell Mobile 1536MB -

Processor: Intel Core i7-4702MQ @ 3.20GHz (4 Cores / 8 Threads), Motherboard: LENOVO 20AWS10V00 (GLET95WW 2.49 BIOS), Chipset: Intel Xeon E3-1200 v3/4th, Memory: 8192MB, Disk: 180GB INTEL SSDSC2BF18 + 240GB SanDisk SDSSDA24 + 32GB SDC, Graphics: Intel Haswell Mobile 1536MB (1150MHz), Audio: Intel Xeon E3-1200 v3/4th, Network: Intel Connection I217-LM + Intel Wireless 7260

OS: Ubuntu 18.04, Kernel: 4.15.0-29-generic (x86_64), Desktop: GNOME Shell 3.28.2, Display Server: X Server 1.19.6, Display Driver: modesetting 1.19.6, OpenGL: 4.5 Mesa 18.0.5, Compiler: GCC 7.3.0 + Clang 6.0.0-1ubuntu2, File-System: ext4, Screen Resolution: 1366x768

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++ --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-as=/usr/bin/x86_64-linux-gnu-as --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-ld=/usr/bin/x86_64-linux-gnu-ld --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v
Processor Notes: Scaling Governor: intel_pstate powersave
Security Notes: KPTI + __user pointer sanitization + Full generic retpoline IBPB IBRS_FW Protection

	Intel Core i7-4702MQ - Intel Haswell Mobile 1536MB -
Stress-NG - S.V.M.P (Bogo Ops/s)	4948823
Standard Deviation	3%
Stress-NG - G.Q.D.S (Bogo Ops/s)	43.48
Standard Deviation	0.4%
Stress-NG - G.C.S.F (Bogo Ops/s)	162955
Standard Deviation	2.3%
Stress-NG - Context Switching (Bogo Ops/s)	1394527
Standard Deviation	1%
Stress-NG - Memory Copying (Bogo Ops/s)	821.79
Standard Deviation	0.2%
Stress-NG - Vector Math (Bogo Ops/s)	6322
Standard Deviation	0.7%
Stress-NG - Matrix Math (Bogo Ops/s)	18544
Standard Deviation	1.1%
Stress-NG - Semaphores (Bogo Ops/s)	4091432
Standard Deviation	2.6%
Stress-NG - CPU Stress (Bogo Ops/s)	1163
Standard Deviation	0.8%
Stress-NG - Tsearch (Bogo Ops/s)	62.30
Standard Deviation	0.2%
Stress-NG - Lsearch (Bogo Ops/s)	36.98
Standard Deviation	1.3%
Stress-NG - Hsearch (Bogo Ops/s)	15605
Standard Deviation	0.9%
Stress-NG - Forking (Bogo Ops/s)	33248
Standard Deviation	0.3%
Stress-NG - Bsearch (Bogo Ops/s)	2246
Standard Deviation	0.5%
Stress-NG - Crypto (Bogo Ops/s)	614.26
Standard Deviation	0.6%
Stress-NG - Socket Activity (Bogo Ops/s)	2231
Standard Deviation	19%

Stress-NG 0.07.26

Test: System V Message Passing



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Glibc Qsort Data Sorting



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Glibc C String Functions



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Context Switching



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Memory Copying



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Vector Math



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Matrix Math



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Semaphores



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: CPU Stress



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Tsearch



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Lsearch



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

Test: Hsearch



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

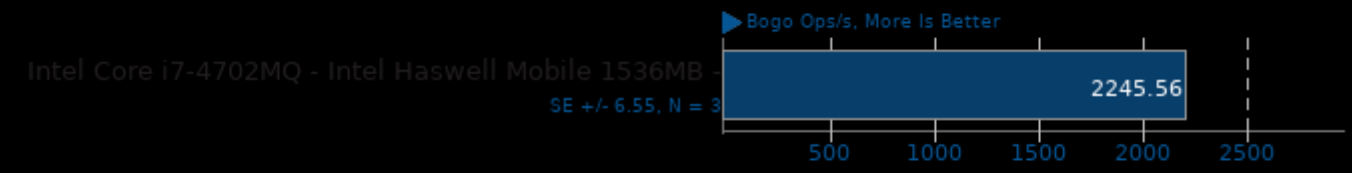
Test: Forking



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

Stress-NG 0.07.26

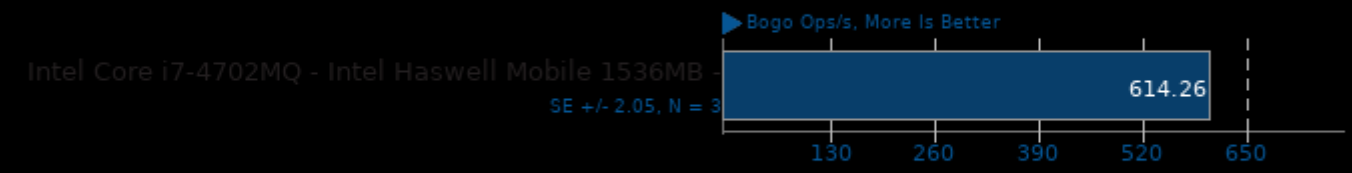
Test: Bsearch



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

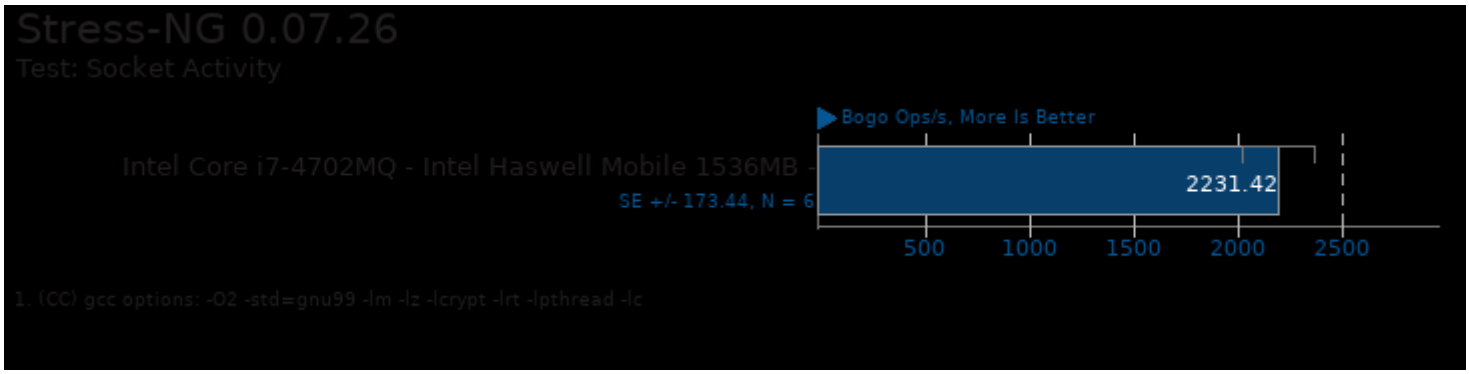
Stress-NG 0.07.26

Test: Crypto



1. (CC) gcc options: -O2 -std=gnu99 -lm -lz -lcrypt -lrt -lpthread -lc

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This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 07:03.