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Test

Intel Core i7-4702MQ testing with a HP 1968 (F.67 BIOS) and Intel Haswell Mobile 1536MB on Fedora 29 via the Phoronix Test Suite.

Test Systems:

Intel Core i7-4702MQ

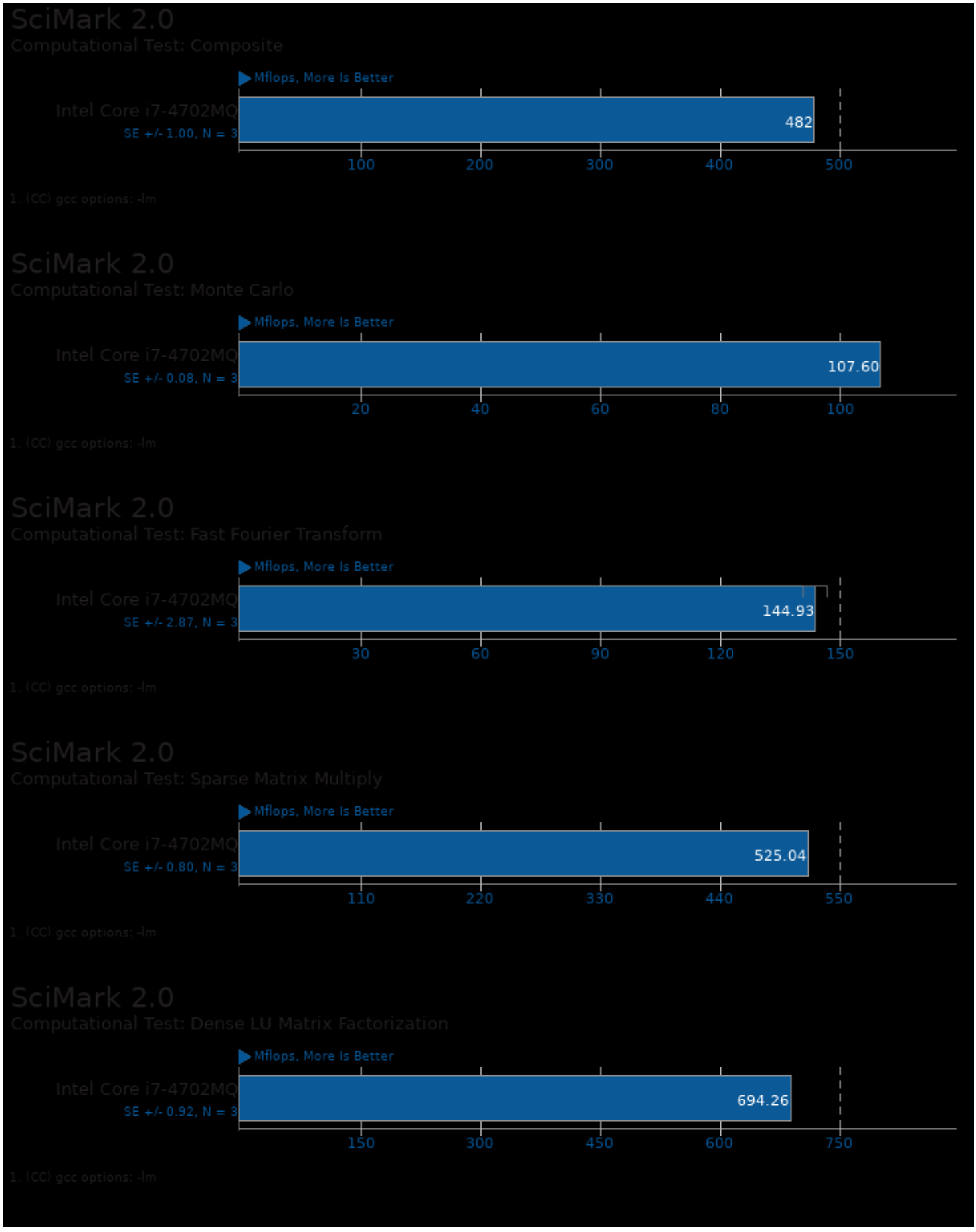
Processor: Intel Core i7-4702MQ @ 3.20GHz (4 Cores / 8 Threads), Motherboard: HP 1968 (F.67 BIOS), Chipset: Intel Xeon E3-1200 v3/4th, Memory: 16384MB, Disk: 120GB Samsung SSD 840 + 1000GB Western Digital WD10JPVX-60J, Graphics: Intel Haswell Mobile 1536MB (1150MHz), Audio: Intel Xeon E3-1200 v3/4th, Network: Realtek RTL8111/8168/8411 + Intel Wireless 7260

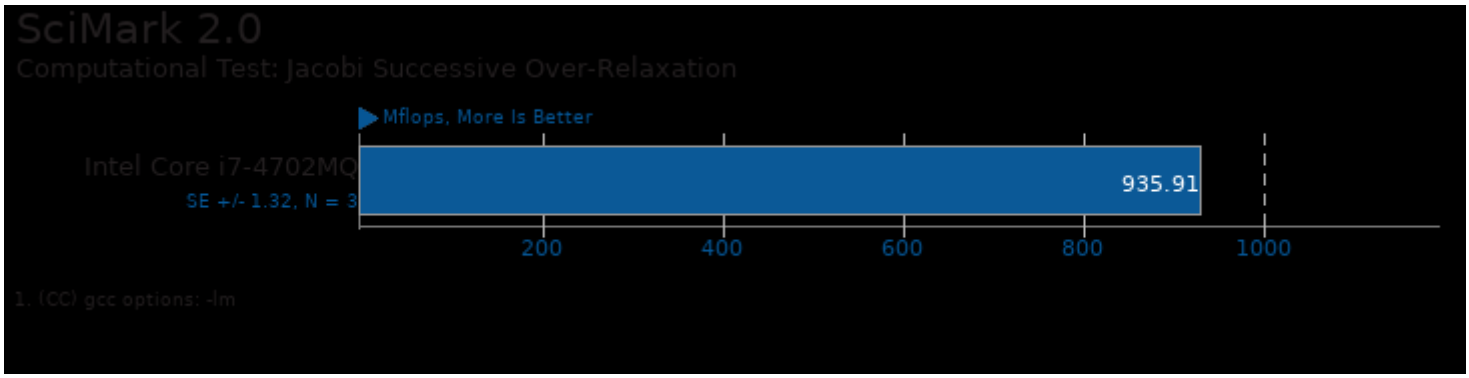
OS: Fedora 29, Kernel: 4.20.8-200.fc29.x86_64 (x86_64), Desktop: GNOME Shell 3.30.2, Display Server: X Server 1.20.3 + Wayland, Display Driver: modesetting 1.20.3, OpenGL: 4.5 Mesa 18.3.3, Compiler: GCC 8.2.1 20181215, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-redhat-linux --disable-libunwind-exceptions --enable-__cxa_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,objc,obj-c++,ada,go,lto --enable-libmpx --enable-multilib

--enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch_32=i686 --with-gcc-major-version-only --with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver
Processor Notes: Scaling Governor: intel_pstate powersave
Security Notes: SELinux + KPTI + __user pointer sanitization + Full generic retpoline IBPB: conditional IBRS_FW STIBP: conditional RSB filling + SSB disabled via prctl and seccomp + PTE Inversion; VMX: conditional cache flushes SMT vulnerable

	Intel Core i7-4702MQ
SciMark - Composite (Mflops)	482
Standard Deviation	0.4%
SciMark - Monte Carlo (Mflops)	107.60
Standard Deviation	0.1%
SciMark - F.F.T (Mflops)	144.93
Standard Deviation	3.4%
SciMark - S.M.M (Mflops)	525.04
Standard Deviation	0.3%
SciMark - D.L.M.F (Mflops)	694.26
Standard Deviation	0.2%
SciMark - J.S.O.R (Mflops)	935.91
Standard Deviation	0.2%


SciMark 2.0
Computational Test: Composite
Mflops, More Is Better
Intel Core i7-4702MQ
SE +/- 1.00, N = 3
482
100
200
300
400
500
1. (CC) gcc options: -lm
SciMark 2.0
Computational Test: Monte Carlo
Mflops, More Is Better
Intel Core i7-4702MQ
SE +/- 0.08, N = 3
107.60
20
40
60
80
100
1. (CC) gcc options: -lm
SciMark 2.0
Computational Test: Fast Fourier Transform
Mflops, More Is Better
Intel Core i7-4702MQ
SE +/- 2.87, N = 3
144.93
30
60
90
120
150
1. (CC) gcc options: -lm
SciMark 2.0
Computational Test: Sparse Matrix Multiply
Mflops, More Is Better
Intel Core i7-4702MQ
SE +/- 0.80, N = 3
525.04
110
220
330
440
550
1. (CC) gcc options: -lm
SciMark 2.0
Computational Test: Dense LU Matrix Factorization
Mflops, More Is Better
Intel Core i7-4702MQ
SE +/- 0.92, N = 3
694.26
150
300
450
600
750
1. (CC) gcc options: -lm



This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 08:01.