www.phoronix-test-suite.com

IvyBridges

Running pts/blogbench-1.0.0, pts/openarena-1.5.2, pts/tesseract-1.1.0, pts/urbanterror-1.2.1, pts/stream-1.2.0, pts/npb-1.2.1, pts/dolfyn-1.0.0, pts/ffte-1.0.1, pts/fhourstones-1.1.1, pts/scimark2-1.2.0, pts/build-mplayer-1.3.0, pts/c-ray-1.1.0, pts/dcraw-1.1.0, pts/pybench-1.0.0 via the Phoronix Test Suite.

Automated Executive Summary

i7-4700MQ + GeForce GT 740M had the most wins, coming in first place for 78% of the tests.

Based on the geometric mean of all complete results, the fastest (i7-4700MQ + GeForce GT 740M) was 1.744x the speed of the slowest (Pentium G2030). i5-3570T Radeon R9 270 open was 0.854x the speed of i7-4700MQ + GeForce GT 740M, i5-3570T was 0.812x the speed of i5-3570T Radeon R9 270 open, Pentium G2030 was 0.826x the speed of i5-3570T.

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

Urban Terror (Resolution: 1920 x 1080 - Total Frame Time) at 45x
OpenArena (Resolution: 1920 x 1080 - Total Frame Time) at 33x
OpenArena (Resolution: 1920 x 1080) at 8.505x
Tesseract (Resolution: 1920 x 1080) at 6.789x
NAS Parallel Benchmarks (Test / Class: EP.C) at 3.325x
Stream (Type: Copy) at 3.256x

NAS Parallel Benchmarks (Test / Class: LU.A) at 3.093x
Urban Terror (Resolution: 1920 x 1080) at 3.064x
C-Ray (Total Time) at 2.826x
Timed MPlayer Compilation (Time To Compile) at 2.619x.

Test Systems:

Pentium G2030

Processor: Intel Pentium G2030 @ 3.00GHz (2 Cores), Motherboard: MSI B75MA-P45 (MS-7798) v1.0, Chipset: Intel Xeon E3-1200 v2/3rd, Memory: 8192MB, Disk: 120GB GOODRAM C50, Graphics: Intel HD 2500 (1050MHz), Audio: Intel 7 /C210, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 3.19.0-18-generic (x86_64), Desktop: Xfce 4.12, Display Server: X Server 1.17.1, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 10.5.2, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave
Graphics Notes: SNA
System Notes: Disk Scheduler: DEADLINE. Python 2.7.9.

i5-3570T

Processor: Intel Core i5-3570T @ 3.30GHz (4 Cores), Motherboard: MSI B75MA-P45 (MS-7798) v1.0, Chipset: Intel Xeon E3-1200 v2/3rd, Memory: 8192MB, Disk: 120GB GOODRAM C50, Graphics: Intel HD 2500 (1150MHz), Audio: Intel 7 /C210, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 3.19.0-18-generic (x86_64), Desktop: Xfce 4.12, Display Server: X Server 1.17.1, Display Driver: intel 2.99.917, OpenGL: 3.3 Mesa 10.5.2, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave
Graphics Notes: SNA
System Notes: Disk Scheduler: DEADLINE. Python 2.7.9.

i5-3570T Radeon R9 270 open

Processor: Intel Core i5-3570T @ 3.30GHz (4 Cores), Motherboard: MSI B75MA-P45 (MS-7798) v1.0, Chipset: Intel Xeon E3-1200 v2/3rd, Memory: 8192MB, Disk: 120GB GOODRAM C50, Graphics: Sapphire AMD Radeon R9 270 2048MB, Audio: Intel 7 /C210, Monitor: IPS224, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 15.04, Kernel: 3.19.0-18-generic (x86_64), Desktop: Xfce 4.12, Display Server: X Server 1.17.1, Display Driver: radeon 7.5.0, OpenGL: 3.3 Mesa 10.5.2 Gallium 0.4, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,errors=remount-ro,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave
Graphics Notes: GLAMOR
System Notes: Disk Scheduler: DEADLINE. Python 2.7.9.

i7-4700MQ + GeForce GT 740M

Processor: Intel Core i7-4700MQ @ 3.40GHz (8 Cores), Motherboard: MSI MS-1758, Chipset: Intel Xeon E3-1200 v3/4th, Memory: 16384MB, Disk: 120GB INTEL SSDSC2CT12 + 1000GB HGST HTS721010A9, Graphics: MSI NVIDIA GeForce GT 740M 2048MB (627/810MHz), Audio: Intel Xeon E3-1200 v3/4th, Network: Qualcomm Atheros AR8161 Gigabit + Intel Wireless 7260

OS: Ubuntu 15.04, Kernel: 3.19.0-18-generic (x86_64), Desktop: KDE 4.14.6, Display Server: X Server 1.17.1, Display Driver: NVIDIA 346.59, OpenGL: 4.5.0 NVIDIA 346.59, Compiler: GCC 4.9.2, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86_64-linux-gnu --disable-browser-plugin --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-gnu-unique-object --enable-gtk-cairo --enable-java-awt=gtk --enable-java-home --enable-languages=c,c++,java,go,d,fortran,objc,obj-c++ --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc --enable-plugin --enable-shared --enable-threads=posix --host=x86_64-linux-gnu --target=x86_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-arch-directory=amd64 --with-multilib-list=m32,m64,mx32 --with-tune=generic -v
Disk Notes: DEADLINE / data=ordered,relatime,rw
Processor Notes: Scaling Governor: intel_pstate powersave
Graphics Notes: SNA
System Notes: Disk Scheduler: DEADLINE. Python 2.7.9.

	Pentium G2030	i5-3570T	i5-3570T Radeon R9 270 open	i7-4700MQ + GeForce GT 740M
BlogBench - Read (Final Score)	354531	296147	301188	
Normalized	100%	83.53%	84.95%	
Standard Deviation	4.7%	4.7%	1.9%	
OpenArena - 1920 x 1080 (FPS)	17.50	17.70	148.83	69.60
Normalized	11.76%	11.89%	100%	46.76%
Standard Deviation	0%	0%	0.8%	0%
Tesseract - 1920 x 1080 (FPS)	18.39	19.05	124.85	53.98
Normalized	14.73%	15.26%	100%	43.24%
Standard Deviation	0.5%	0.1%	0.8%	0.3%
Urban Terror - 1920 x 1080 (FPS)	56.53		98.90	173.23
Normalized	32.63%		57.09%	100%
Standard Deviation	1.6%		1.6%	3.3%
Stream - Copy (MB/s)	6149	6014	6374	19582
Normalized	31.4%	30.71%	32.55%	100%
Standard Deviation	0.1%	0.1%	0.3%	0.2%

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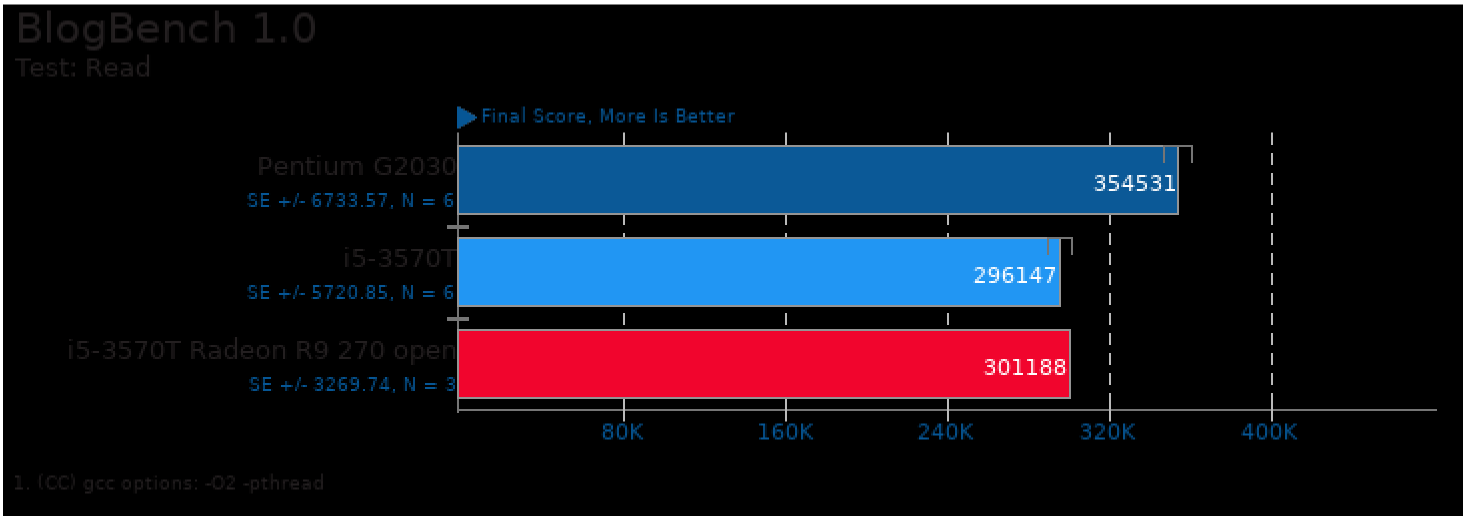
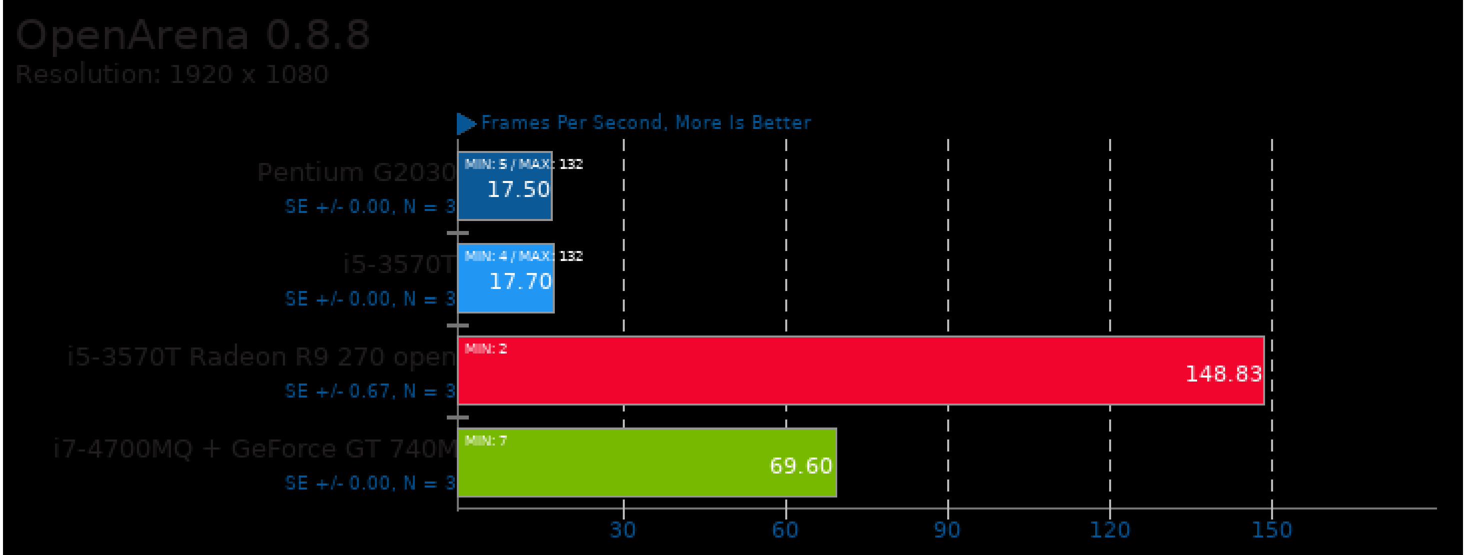
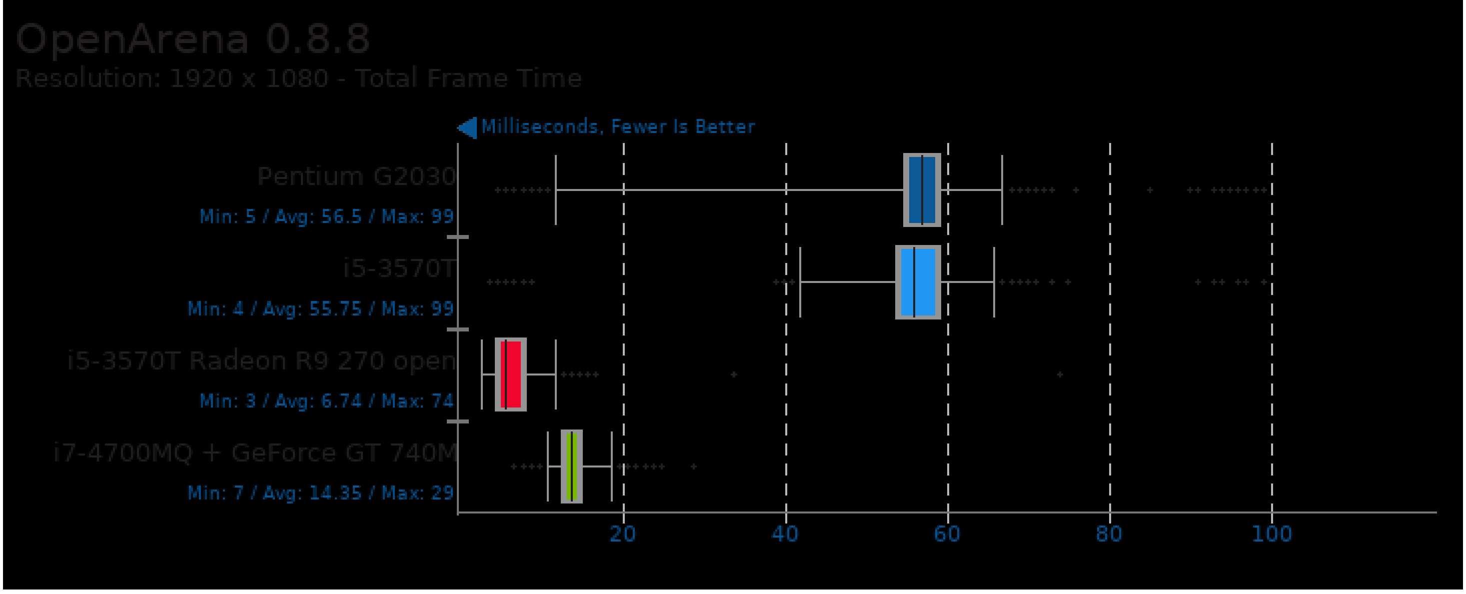
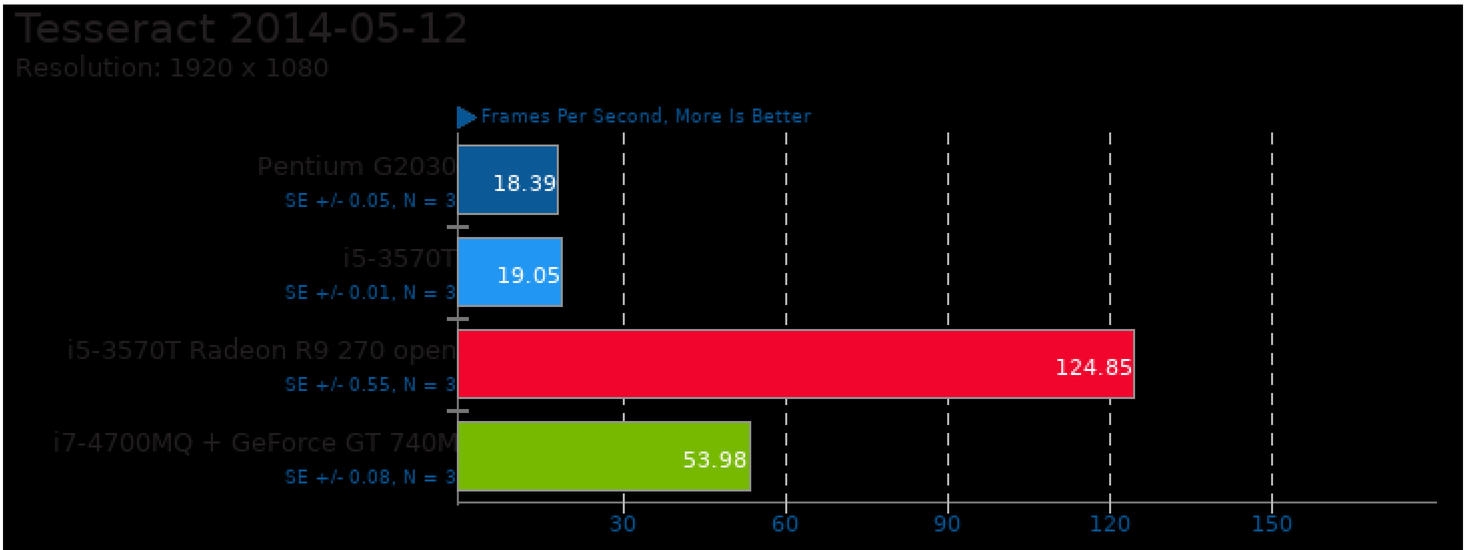
NAS Parallel Benchmarks - BT.A (Mop/s)	**2646**	2572	2593	**2375**
Normalized	100%	97.22%	98.02%	89.78%
Standard Deviation	0.2%	0.3%	0.2%	2.1%
NAS Parallel Benchmarks - EP.C (Mop/s)	**76.04**	147.00	146.49	**252.81**
Normalized	30.08%	58.15%	57.94%	100%
Standard Deviation	0.2%	0.2%	0.8%	0.3%
NAS Parallel Benchmarks - FT.A	**2022**	2307	2445	**3851**
Normalized	52.5%	59.9%	63.5%	100%
Standard Deviation	0.6%	0.1%	1.1%	0%
NAS Parallel Benchmarks - LU.A (Mop/s)	**2978**	5106	5373	**9213**
Normalized	32.33%	55.42%	58.32%	100%
Standard Deviation	3.8%	3.6%	0.4%	0.7%
NAS Parallel Benchmarks - SP.A (Mop/s)	**1412**	1435	1452	**1846**
Normalized	76.51%	77.73%	78.68%	100%
Standard Deviation	0.1%	0.1%	0.1%	1.4%
Dolfyn - C.F.D (sec)	**32.88**	28.17	28.17	**24.43**
Normalized	74.3%	86.72%	86.72%	100%
Standard Deviation	0.2%	0.3%	0.9%	0.2%
FFTE - N.6.1.C.F.R (MFLOPS)	**4444**	4591	4667	**5146**
Normalized	86.36%	89.22%	90.69%	100%
Standard Deviation	0.1%	0.1%	3.1%	0.4%
Fhourstones - C.C.4.S (Kpos / sec)	**9758**	10584	10751	**11747**
Normalized	83.07%	90.1%	91.52%	100%
Standard Deviation	0.2%	0.1%	1.8%	0.9%
SciMark - Composite (Mflops)	**827.60**	988.18	1022	**1159**
Normalized	71.39%	85.24%	88.15%	100%
Standard Deviation	0.3%	1.9%	0.8%	2%
SciMark - Monte Carlo (Mflops)	**429.57**	458.28	441.90	**506.62**
Normalized	84.79%	90.46%	87.23%	100%
Standard Deviation	0%	3.6%	11.3%	1.4%
SciMark - F.F.T (Mflops)	**160.44**	189.65	199.49	**240.49**
Normalized	66.71%	78.86%	82.95%	100%
Standard Deviation	0.4%	0.7%	1.3%	2.7%
SciMark - S.M.M (Mflops)	**1245**	1446	1521	**1821**
Normalized	68.35%	79.38%	83.49%	100%
Standard Deviation	0.8%	0.4%	0.3%	4.8%
SciMark - D.L.M.F (Mflops)	**1407**	1887	1968	**2254**
Normalized	62.41%	83.74%	87.3%	100%
Standard Deviation	0.2%	2.8%	0.2%	1.4%
SciMark - J.S.O.R (Mflops)	**896.33**	959.83	**979.84**	974.20
Normalized	91.48%	97.96%	100%	99.42%
Standard Deviation	0.3%	3.5%	3.1%	1.5%
Timed MPlayer Compilation - Time To Compile (sec)	**140.45**	73.16	72.12	**53.62**
Normalized	38.18%	73.29%	74.35%	100%
Standard Deviation	1.7%	1.8%	1.6%	1.3%
C-Ray - Total Time (sec)	**75.75**	39.21	39.23	**26.80**
Normalized	35.38%	68.35%	68.32%	100%
Standard Deviation	0.1%	0%	0%	0.4%
dcraw - R.T.P.I.C (sec)	**67.40**	62.69	62.76	**56.13**

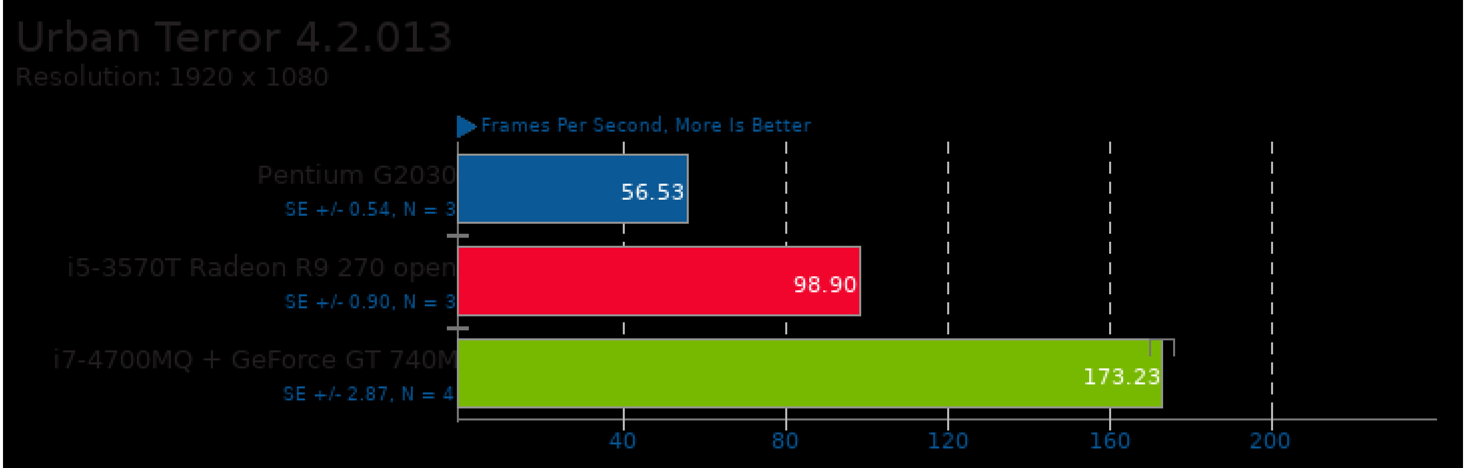
Normalized	83.28%	89.54%	89.44%	100%
Standard Deviation	0.2%	1.7%	1.2%	0.8%
PyBench - T.F.A.T.T (Milliseconds)	**2143**	1949	2015	**1631**
Normalized	76.11%	83.68%	80.94%	100%
Standard Deviation	0.1%	0.1%	3.3%	0.1%

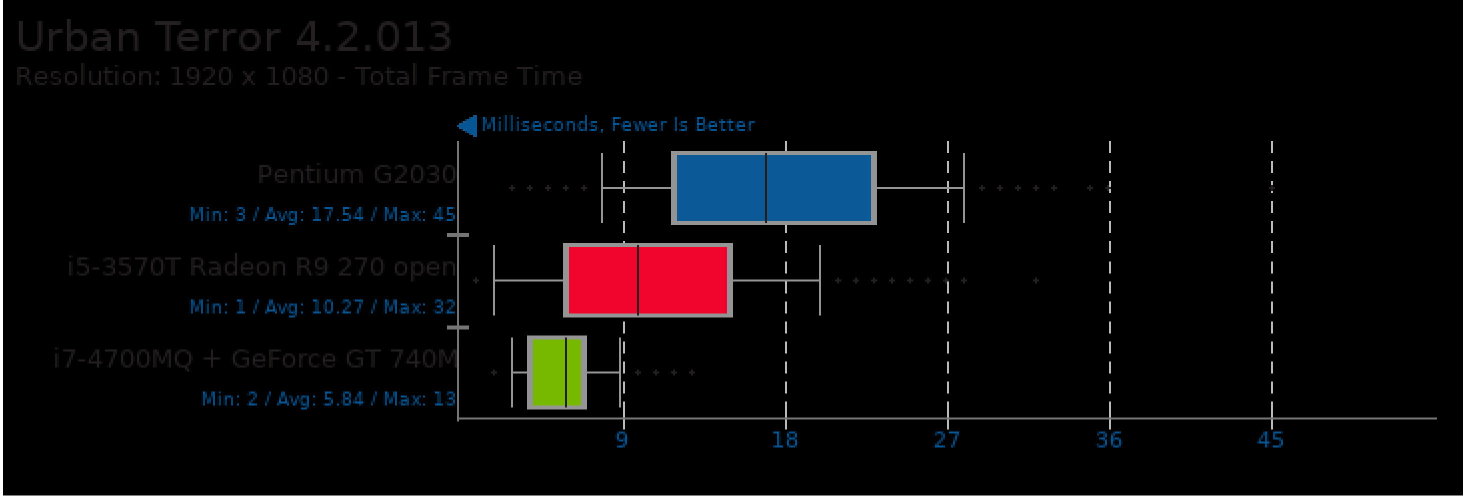

BlogBench 1.0
Test: Read
Final Score, More Is Better
Pentium G2030
SE +/- 6733.57, N = 6
354531
i5-3570T
SE +/- 5720.85, N = 6
296147
i5-3570T Radeon R9 270 open
SE +/- 3269.74, N = 3
301188
80K
160K
240K
320K
400K
1. (CC) gcc options: -O2 -pthread


OpenArena 0.8.8
Resolution: 1920 x 1080
Frames Per Second, More Is Better
Pentium G2030
SE +/- 0.00, N = 3
MIN: 5 / MAX: 132
17.50
i5-3570T
SE +/- 0.00, N = 3
MIN: 4 / MAX: 132
17.70
i5-3570T Radeon R9 270 open
SE +/- 0.67, N = 3
MIN: 2
148.83
i7-4700MQ + GeForce GT 740M
SE +/- 0.00, N = 3
MIN: 7
69.60
30
60
90
120
150


OpenArena 0.8.8
Resolution: 1920 x 1080 - Total Frame Time
Milliseconds, Fewer Is Better
Pentium G2030
Min: 5 / Avg: 56.5 / Max: 99
i5-3570T
Min: 4 / Avg: 55.75 / Max: 99
i5-3570T Radeon R9 270 open
Min: 3 / Avg: 6.74 / Max: 74
i7-4700MQ + GeForce GT 740M
Min: 7 / Avg: 14.35 / Max: 29
20
40
60
80
100


Tesseract 2014-05-12
Resolution: 1920 x 1080
Frames Per Second, More Is Better
Pentium G2030
SE +/- 0.05, N = 3
18.39
i5-3570T
SE +/- 0.01, N = 3
19.05
i5-3570T Radeon R9 270 open
SE +/- 0.55, N = 3
124.85
i7-4700MQ + GeForce GT 740M
SE +/- 0.08, N = 3
53.98
30
60
90
120
150


Urban Terror 4.2.013
Resolution: 1920 x 1080
Frames Per Second, More Is Better
Pentium G2030
SE +/- 0.54, N = 3
56.53
i5-3570T Radeon R9 270 open
SE +/- 0.90, N = 3
98.90
i7-4700MQ + GeForce GT 740M
SE +/- 2.87, N = 4
173.23
40
80
120
160
200


Urban Terror 4.2.013
Resolution: 1920 x 1080 - Total Frame Time
Milliseconds, Fewer Is Better
Pentium G2030
Min: 3 / Avg: 17.54 / Max: 45
i5-3570T Radeon R9 270 open
Min: 1 / Avg: 10.27 / Max: 32
i7-4700MQ + GeForce GT 740M
Min: 2 / Avg: 5.84 / Max: 13
9
18
27
36
45

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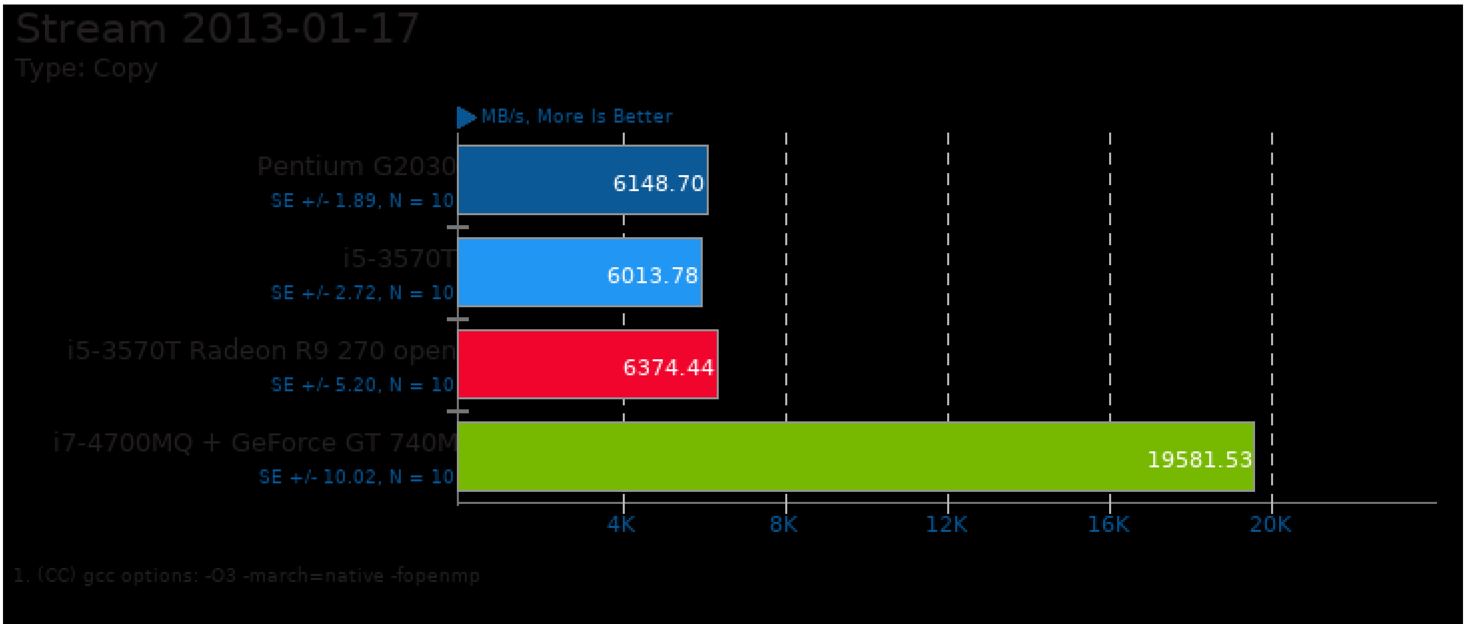
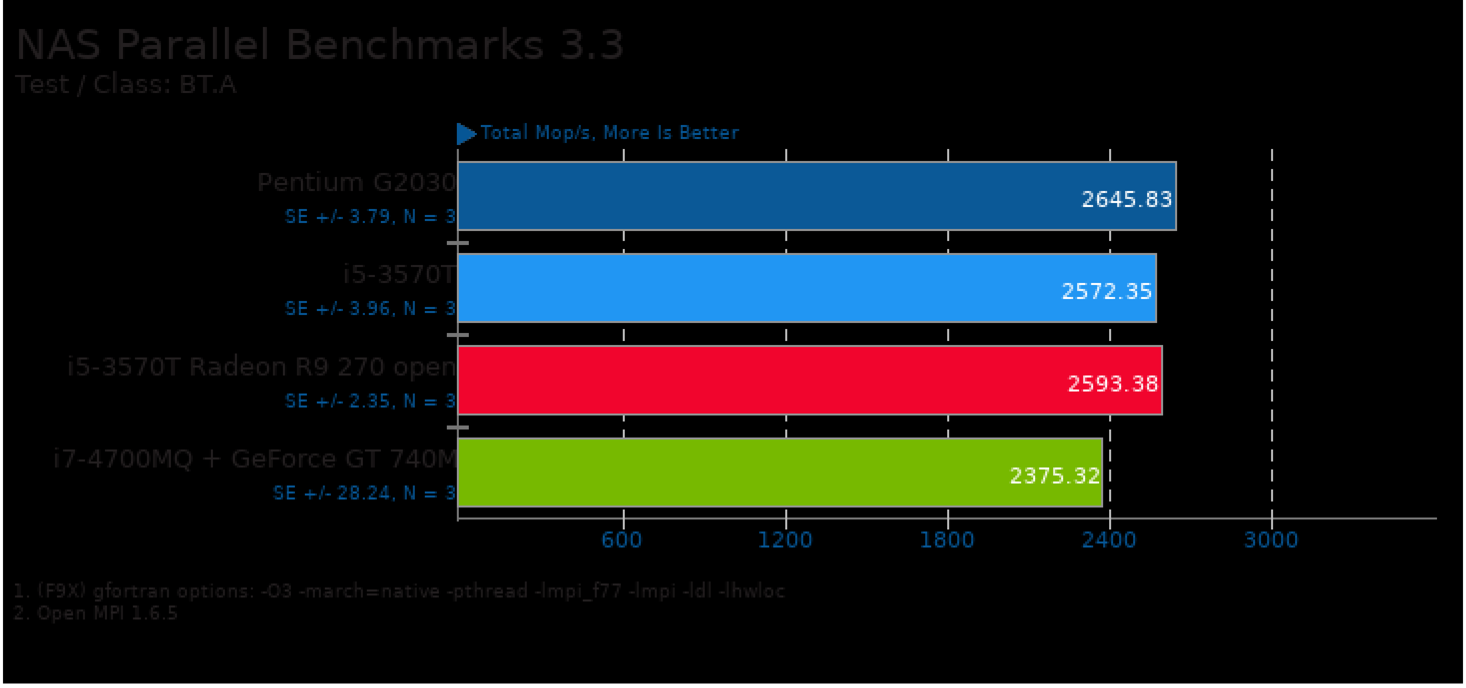
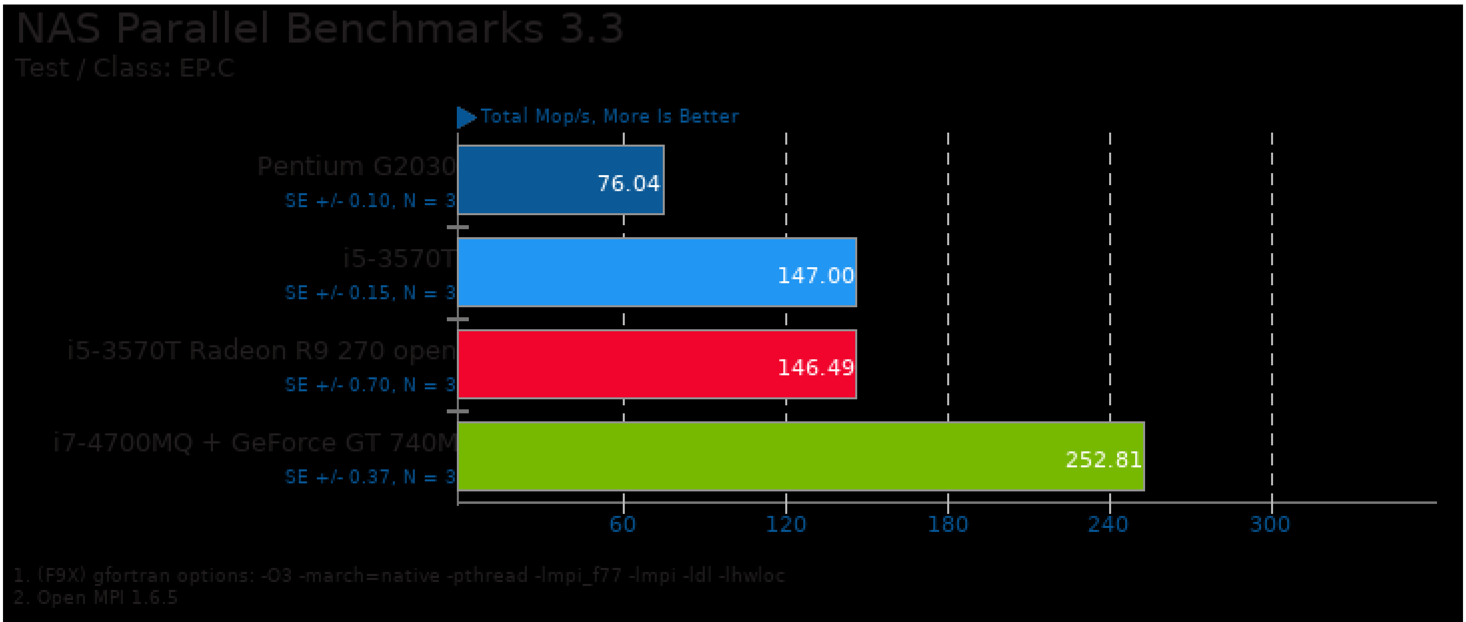
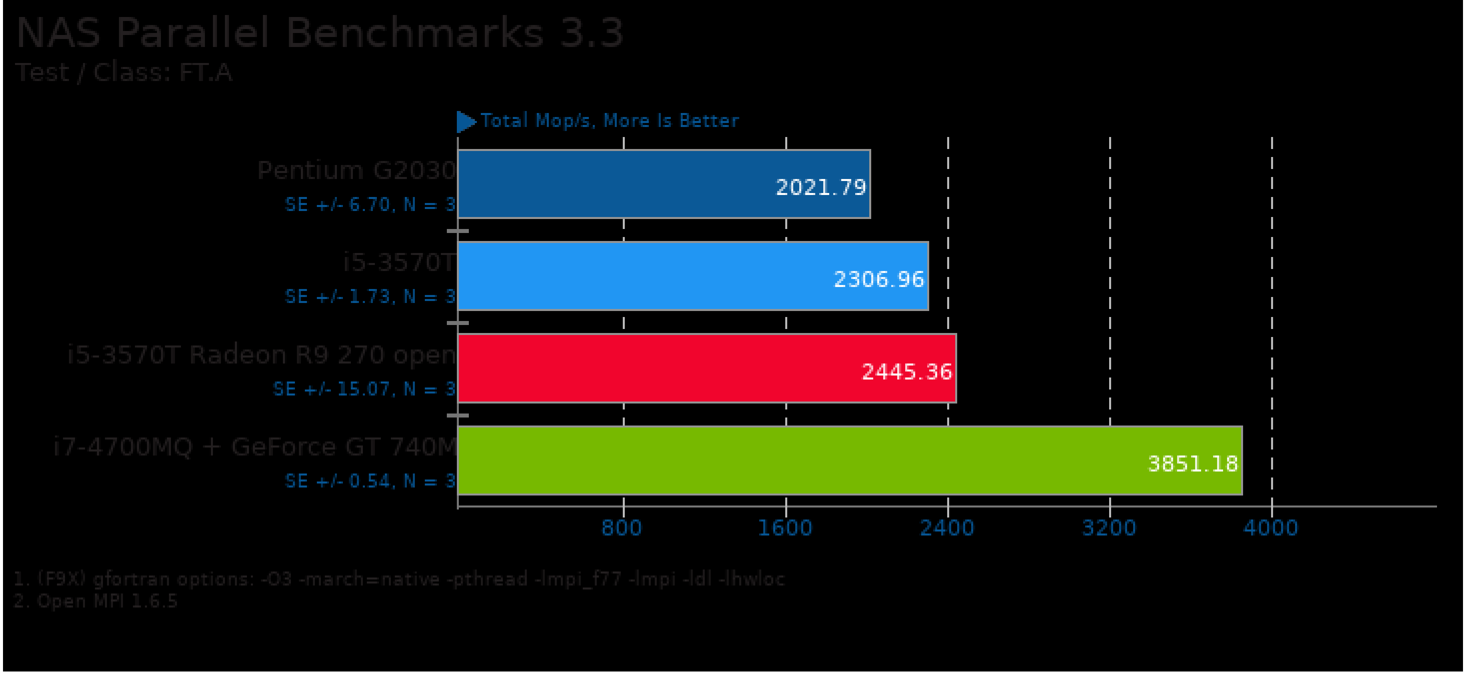


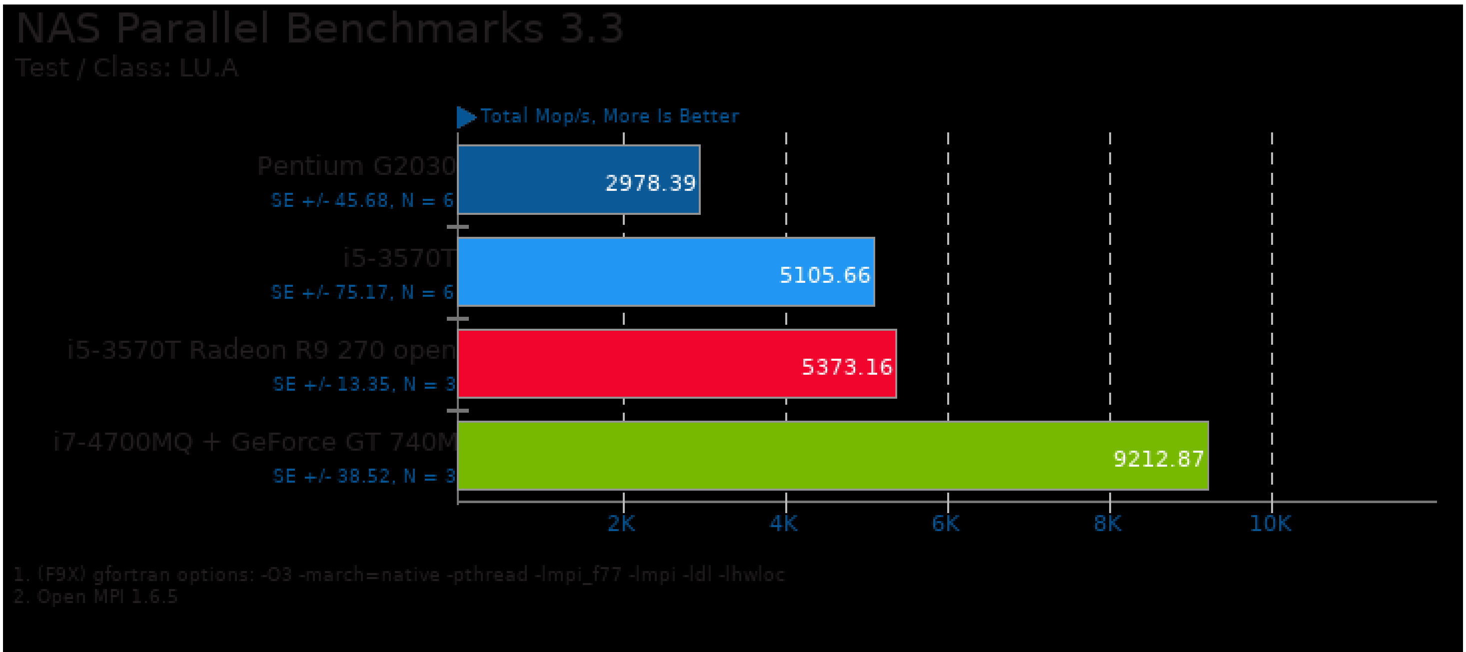
Stream 2013-01-17
Type: Copy
MB/s, More Is Better
Pentium G2030
SE +/- 1.89, N = 10
6148.70
i5-3570T
SE +/- 2.72, N = 10
6013.78
i5-3570T Radeon R9 270 open
SE +/- 5.20, N = 10
6374.44
i7-4700MQ + GeForce GT 740M
SE +/- 10.02, N = 10
19581.53
4K
8K
12K
16K
20K
1. (CC) gcc options: -O3 -march=native -fopenmp

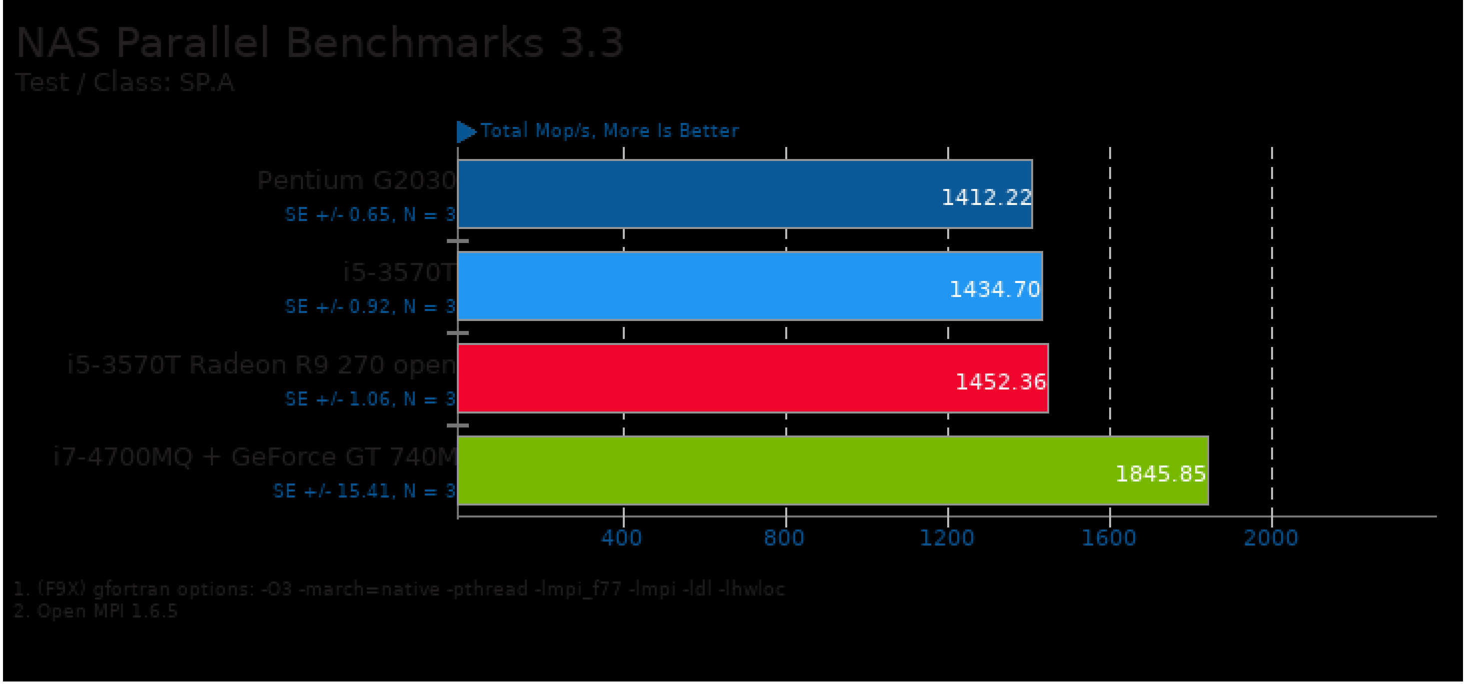


NAS Parallel Benchmarks 3.3
Test / Class: BT.A
Total Mop/s, More Is Better
Pentium G2030
SE +/- 3.79, N = 3
2645.83
i5-3570T
SE +/- 3.96, N = 3
2572.35
i5-3570T Radeon R9 270 open
SE +/- 2.35, N = 3
2593.38
i7-4700MQ + GeForce GT 740M
SE +/- 28.24, N = 3
2375.32
600
1200
1800
2400
3000
1. (F9X) gfortran options: -O3 -march=native -pthread -lmpi_f77 -lmpi -ldl -lhwloc
2. Open MPI 1.6.5

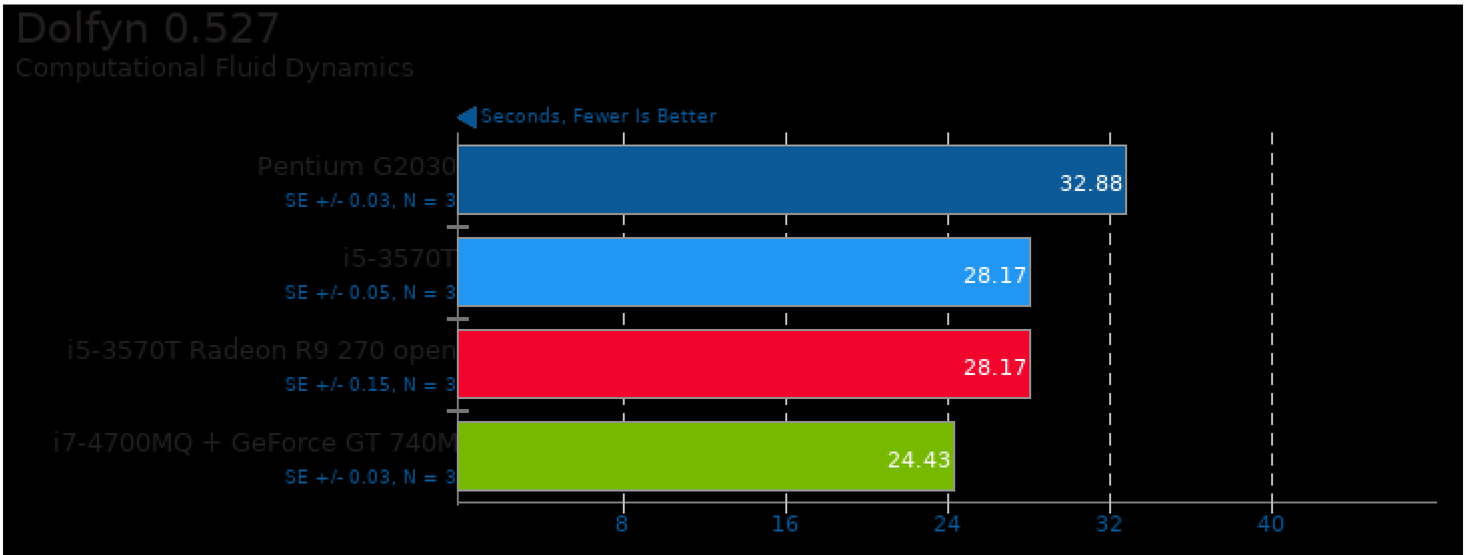

NAS Parallel Benchmarks 3.3
Test / Class: EP.C
Total Mop/s, More Is Better
Pentium G2030
SE +/- 0.10, N = 3
76.04
i5-3570T
SE +/- 0.15, N = 3
147.00
i5-3570T Radeon R9 270 open
SE +/- 0.70, N = 3
146.49
i7-4700MQ + GeForce GT 740M
SE +/- 0.37, N = 3
252.81
60
120
180
240
300
1. (F9X) gfortran options: -O3 -march=native -pthread -lmpi_f77 -lmpi -ldl -lhwloc
2. Open MPI 1.6.5

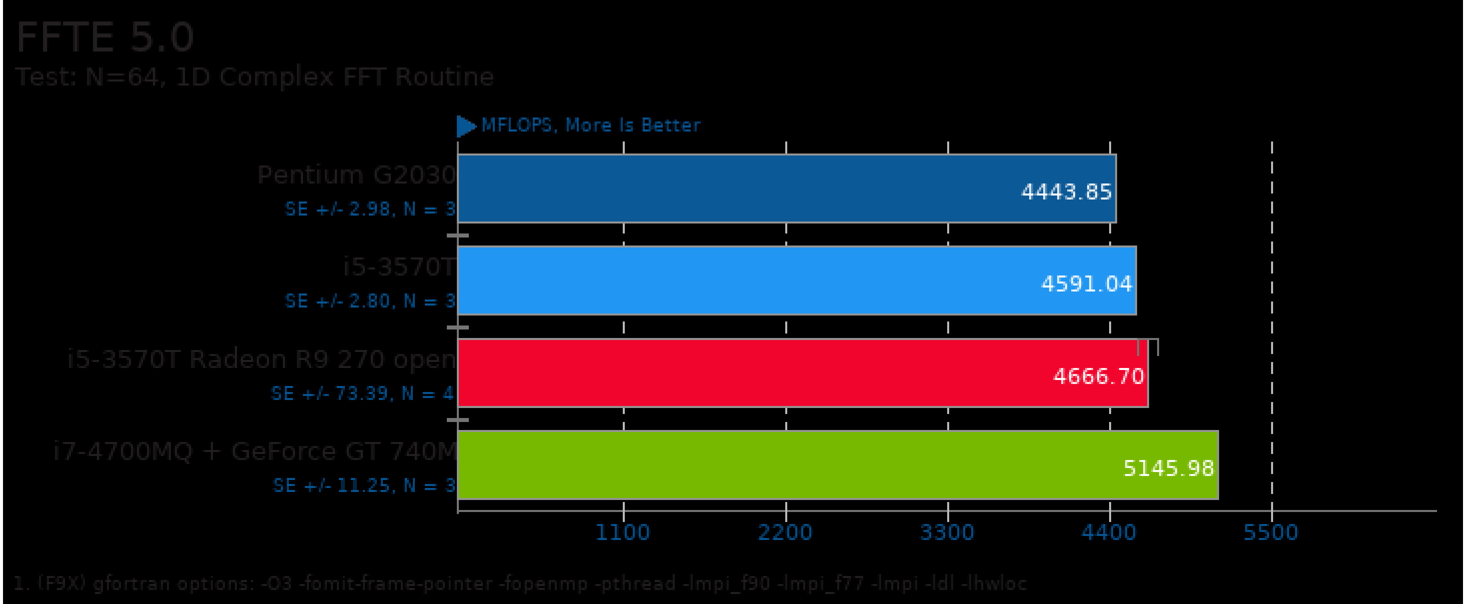

NAS Parallel Benchmarks 3.3
Test / Class: FT.A
Total Mop/s, More Is Better
Pentium G2030
SE +/- 6.70, N = 3
2021.79
i5-3570T
SE +/- 1.73, N = 3
2306.96
i5-3570T Radeon R9 270 open
SE +/- 15.07, N = 3
2445.36
i7-4700MQ + GeForce GT 740M
SE +/- 0.54, N = 3
3851.18
800
1600
2400
3200
4000
1. (F9X) gfortran options: -O3 -march=native -pthread -lmpi_f77 -lmpi -ldl -lhwloc
2. Open MPI 1.6.5

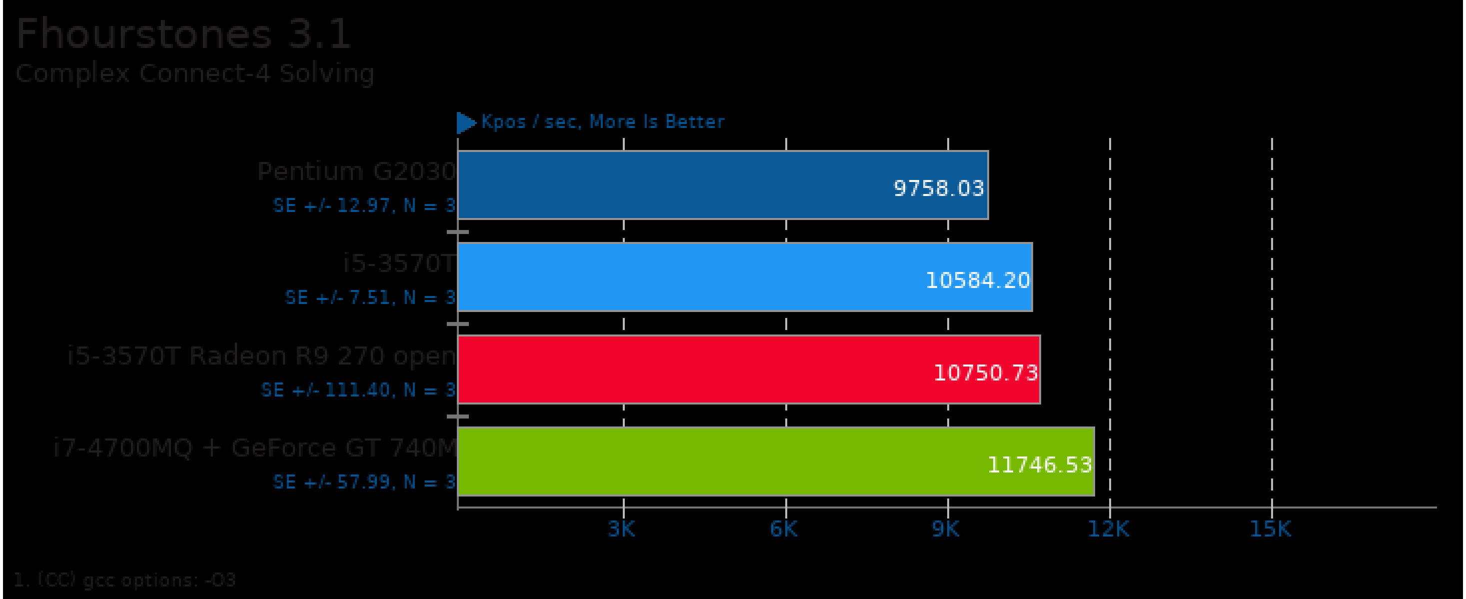

NAS Parallel Benchmarks 3.3
Test / Class: LU.A
Total Mop/s, More Is Better
Pentium G2030
SE +/- 45.68, N = 6
2978.39
i5-3570T
SE +/- 75.17, N = 6
5105.66
i5-3570T Radeon R9 270 open
SE +/- 13.35, N = 3
5373.16
i7-4700MQ + GeForce GT 740M
SE +/- 38.52, N = 3
9212.87
2K
4K
6K
8K
10K
1. (F9X) gfortran options: -O3 -march=native -pthread -lmpi_f77 -lmpi -ldl -lhwloc
2. Open MPI 1.6.5

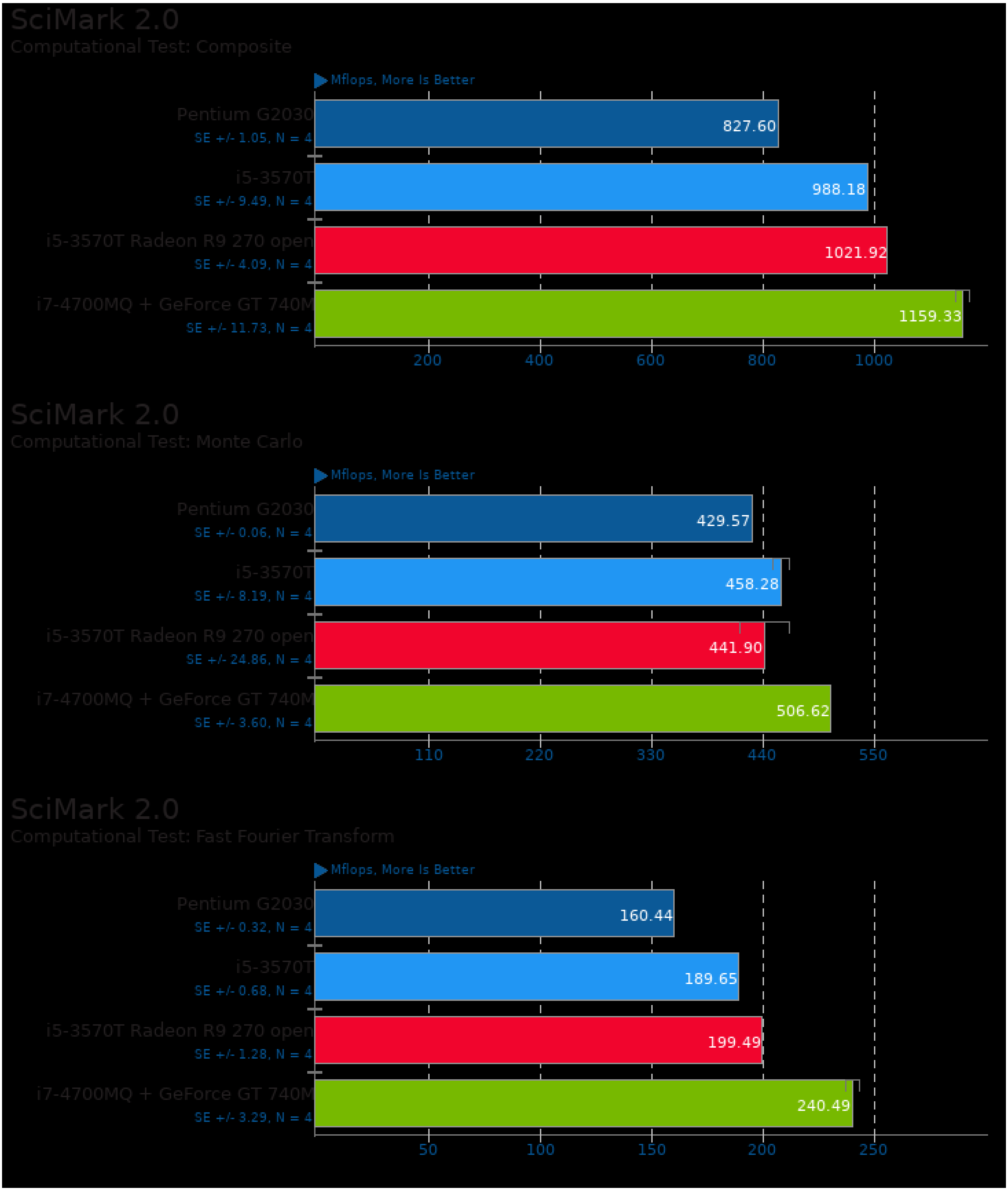

NAS Parallel Benchmarks 3.3
Test / Class: SP.A
Total Mop/s, More Is Better
Pentium G2030
SE +/- 0.65, N = 3
1412.22
i5-3570T
SE +/- 0.92, N = 3
1434.70
i5-3570T Radeon R9 270 open
SE +/- 1.06, N = 3
1452.36
i7-4700MQ + GeForce GT 740M
SE +/- 15.41, N = 3
1845.85
400
800
1200
1600
2000
1. (F9X) gfortran options: -O3 -march=native -pthread -lmpi_f77 -lmpi -ldl -lhwloc
2. Open MPI 1.6.5

IvyBridges

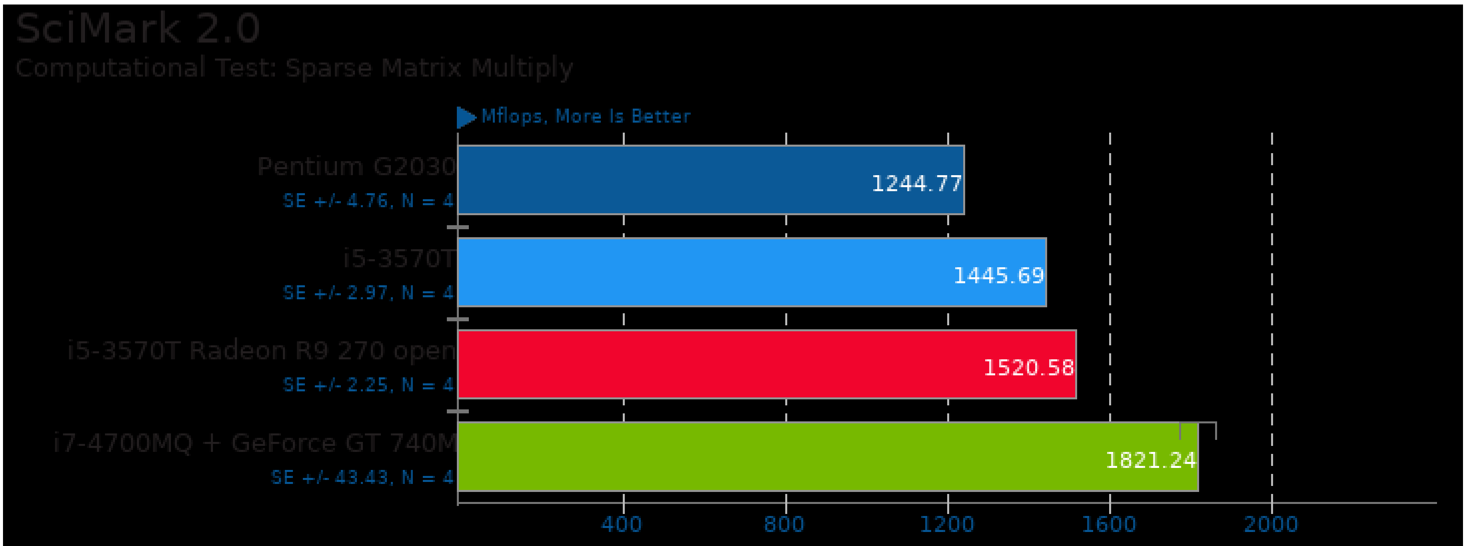

Dolfyn 0.527
Computational Fluid Dynamics
Seconds, Fewer Is Better
Pentium G2030
SE +/- 0.03, N = 3
32.88
i5-3570T
SE +/- 0.05, N = 3
28.17
i5-3570T Radeon R9 270 open
SE +/- 0.15, N = 3
28.17
i7-4700MQ + GeForce GT 740M
SE +/- 0.03, N = 3
24.43
8
16
24
32
40


FFTE 5.0
Test: N=64, 1D Complex FFT Routine
MFLOPS, More Is Better
Pentium G2030
SE +/- 2.98, N = 3
4443.85
i5-3570T
SE +/- 2.80, N = 3
4591.04
i5-3570T Radeon R9 270 open
SE +/- 73.39, N = 4
4666.70
i7-4700MQ + GeForce GT 740M
SE +/- 11.25, N = 3
5145.98
1100
2200
3300
4400
5500
1. (F9X) gfortran options: -O3 -fomit-frame-pointer -fopenmp -pthread -lmpi_f90 -lmpi_f77 -lmpi -ldl -lhwloc

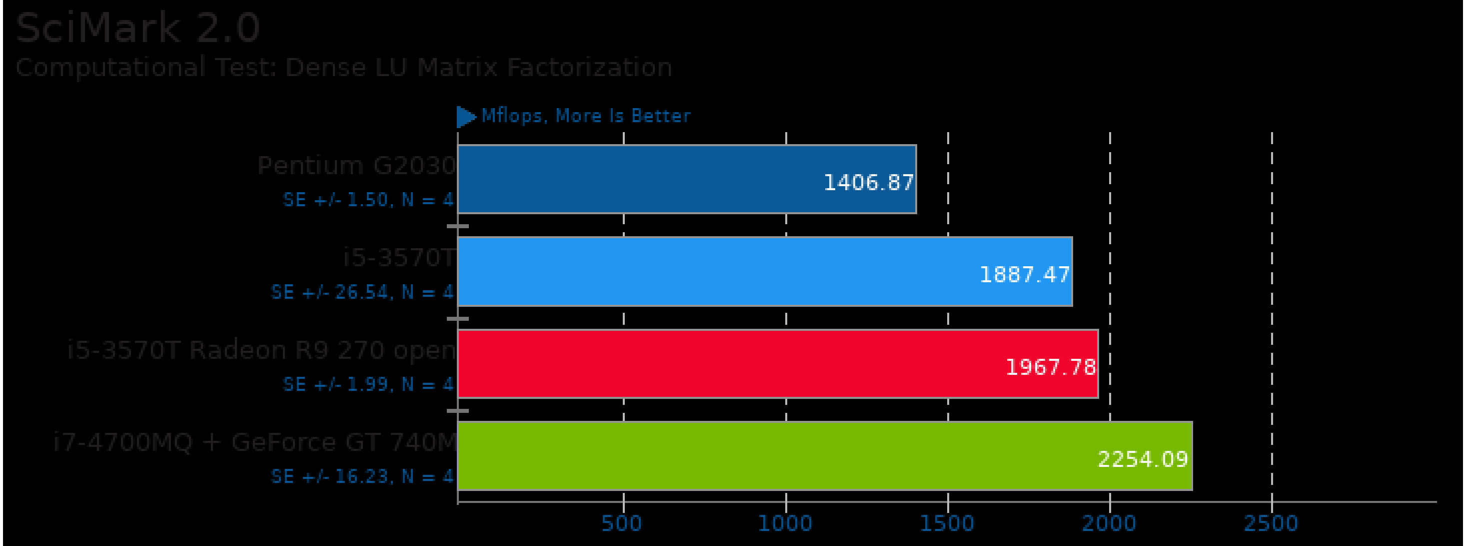

Fhourstones 3.1
Complex Connect-4 Solving
Kpos / sec, More Is Better
Pentium G2030
SE +/- 12.97, N = 3
9758.03
i5-3570T
SE +/- 7.51, N = 3
10584.20
i5-3570T Radeon R9 270 open
SE +/- 111.40, N = 3
10750.73
i7-4700MQ + GeForce GT 740M
SE +/- 57.99, N = 3
11746.53
3K
6K
9K
12K
15K
1. (CC) gcc options: -O3


SciMark 2.0
Computational Test: Composite
Mflops, More Is Better
Pentium G2030
SE +/- 1.05, N = 4
827.60
i5-3570T
SE +/- 9.49, N = 4
988.18
i5-3570T Radeon R9 270 open
SE +/- 4.09, N = 4
1021.92
i7-4700MQ + GeForce GT 740M
SE +/- 11.73, N = 4
1159.33
200
400
600
800
1000
SciMark 2.0
Computational Test: Monte Carlo
Mflops, More Is Better
Pentium G2030
SE +/- 0.06, N = 4
429.57
i5-3570T
SE +/- 8.19, N = 4
458.28
i5-3570T Radeon R9 270 open
SE +/- 24.86, N = 4
441.90
i7-4700MQ + GeForce GT 740M
SE +/- 3.60, N = 4
506.62
110
220
330
440
550
SciMark 2.0
Computational Test: Fast Fourier Transform
Mflops, More Is Better
Pentium G2030
SE +/- 0.32, N = 4
160.44
i5-3570T
SE +/- 0.68, N = 4
189.65
i5-3570T Radeon R9 270 open
SE +/- 1.28, N = 4
199.49
i7-4700MQ + GeForce GT 740M
SE +/- 3.29, N = 4
240.49
50
100
150
200
250

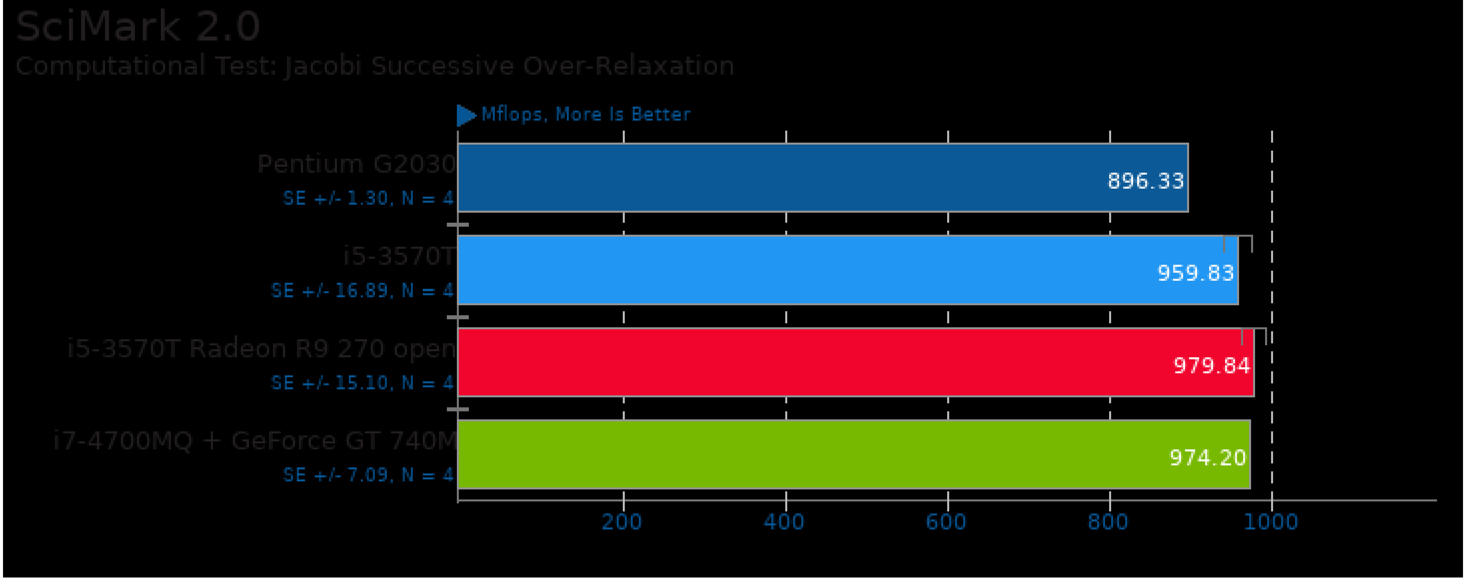
IvyBridges



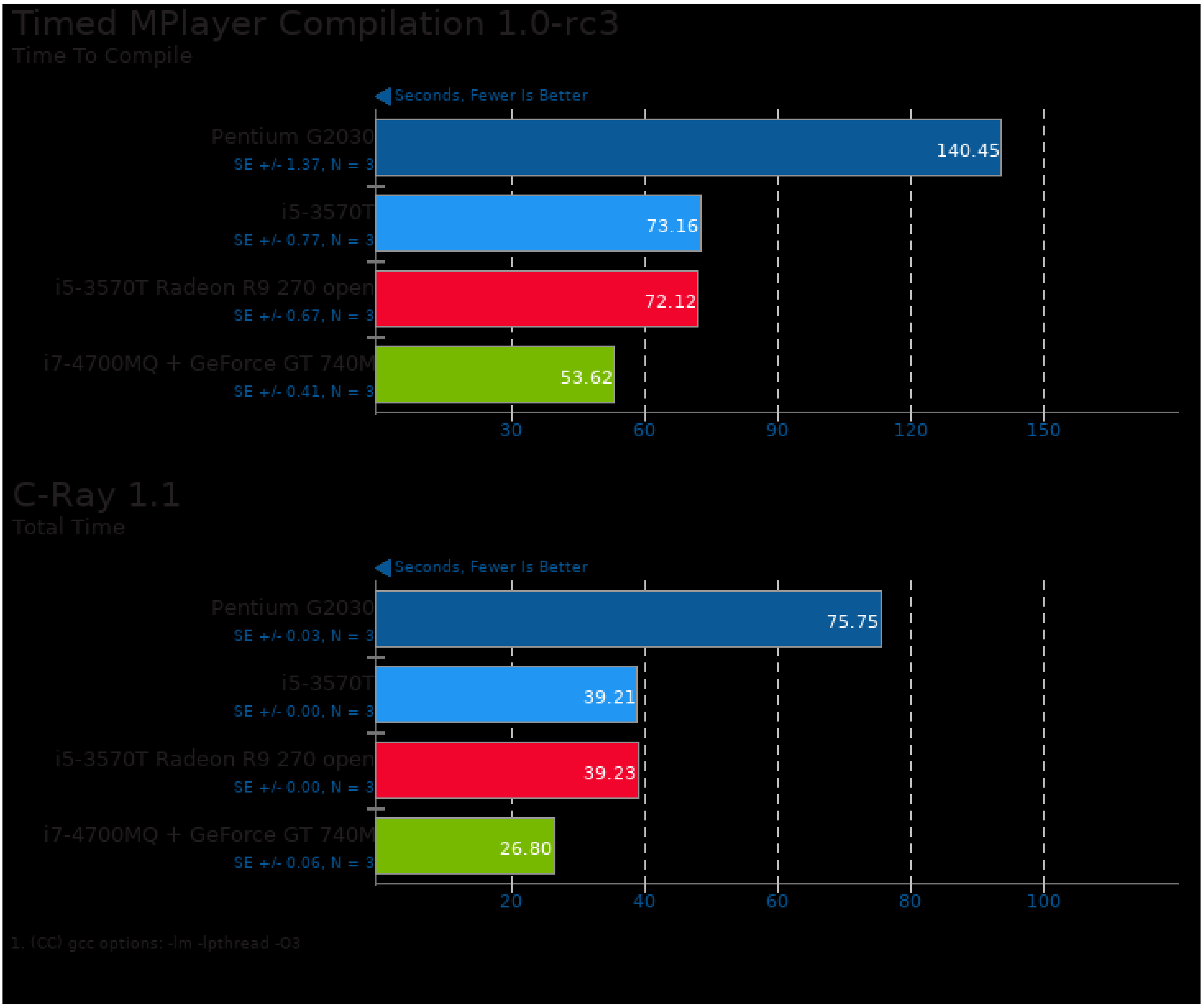
SciMark 2.0
Computational Test: Sparse Matrix Multiply
Mflops, More Is Better
Pentium G2030
SE +/- 4.76, N = 4
1244.77
i5-3570T
SE +/- 2.97, N = 4
1445.69
i5-3570T Radeon R9 270 open
SE +/- 2.25, N = 4
1520.58
i7-4700MQ + GeForce GT 740M
SE +/- 43.43, N = 4
1821.24
400
800
1200
1600
2000



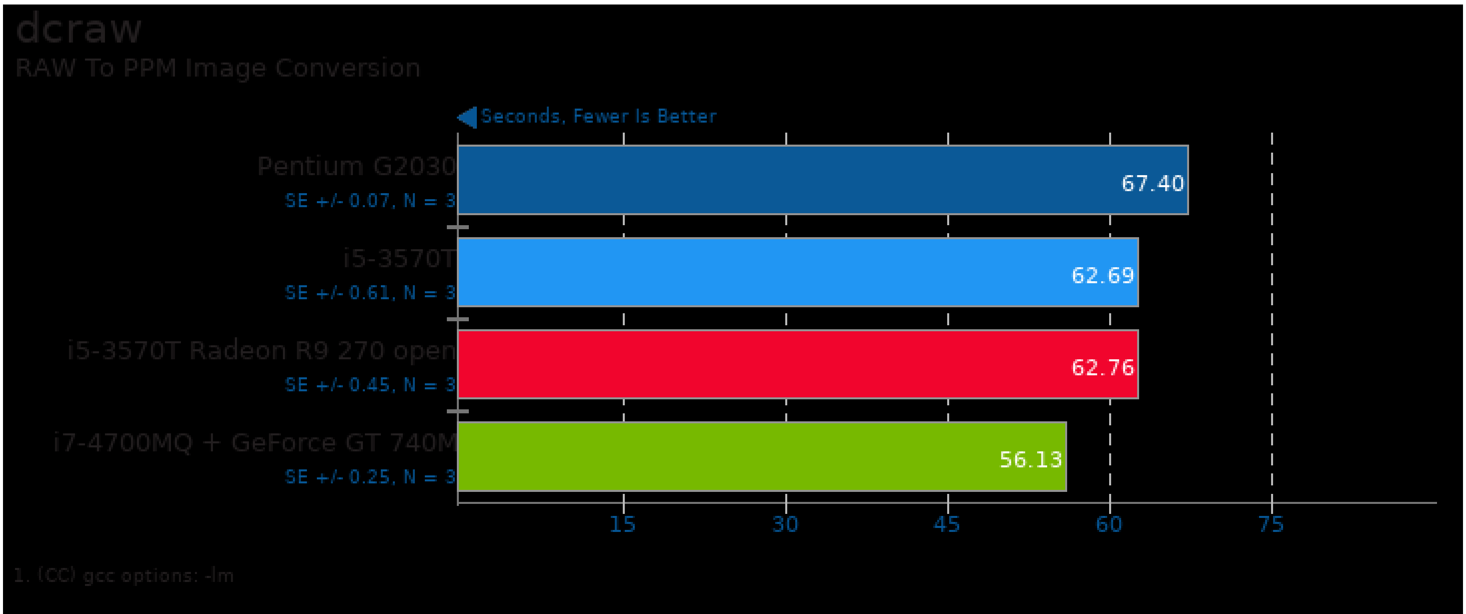
SciMark 2.0
Computational Test: Dense LU Matrix Factorization
Mflops, More Is Better
Pentium G2030
SE +/- 1.50, N = 4
1406.87
i5-3570T
SE +/- 26.54, N = 4
1887.47
i5-3570T Radeon R9 270 open
SE +/- 1.99, N = 4
1967.78
i7-4700MQ + GeForce GT 740M
SE +/- 16.23, N = 4
2254.09
500
1000
1500
2000
2500



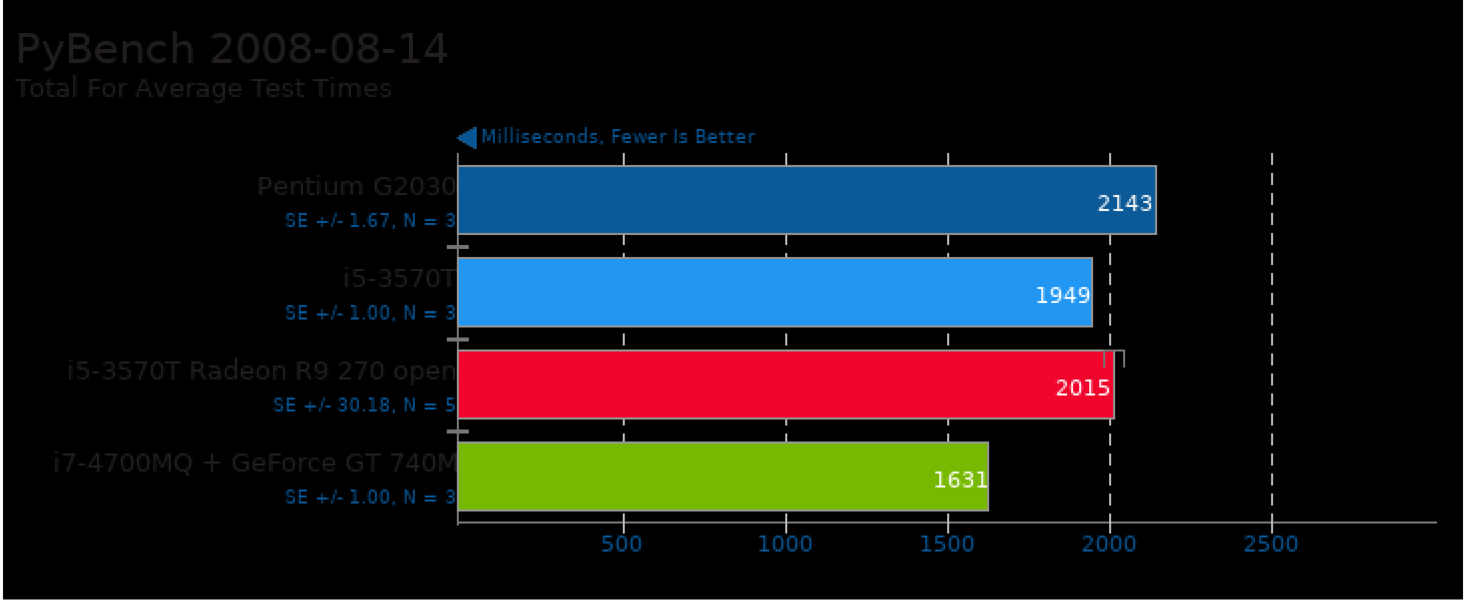
SciMark 2.0
Computational Test: Jacobi Successive Over-Relaxation
Mflops, More Is Better
Pentium G2030
SE +/- 1.30, N = 4
896.33
i5-3570T
SE +/- 16.89, N = 4
959.83
i5-3570T Radeon R9 270 open
SE +/- 15.10, N = 4
979.84
i7-4700MQ + GeForce GT 740M
SE +/- 7.09, N = 4
974.20
200
400
600
800
1000


Timed MPlayer Compilation 1.0-rc3
Time To Compile
Seconds, Fewer Is Better
Pentium G2030
SE +/- 1.37, N = 3
140.45
i5-3570T
SE +/- 0.77, N = 3
73.16
i5-3570T Radeon R9 270 open
SE +/- 0.67, N = 3
72.12
i7-4700MQ + GeForce GT 740M
SE +/- 0.41, N = 3
53.62
30
60
90
120
150
C-Ray 1.1
Total Time
Seconds, Fewer Is Better
Pentium G2030
SE +/- 0.03, N = 3
75.75
i5-3570T
SE +/- 0.00, N = 3
39.21
i5-3570T Radeon R9 270 open
SE +/- 0.00, N = 3
39.23
i7-4700MQ + GeForce GT 740M
SE +/- 0.06, N = 3
26.80
20
40
60
80
100
1. (CC) gcc options: -lm -lpthread -O3

IvyBridges

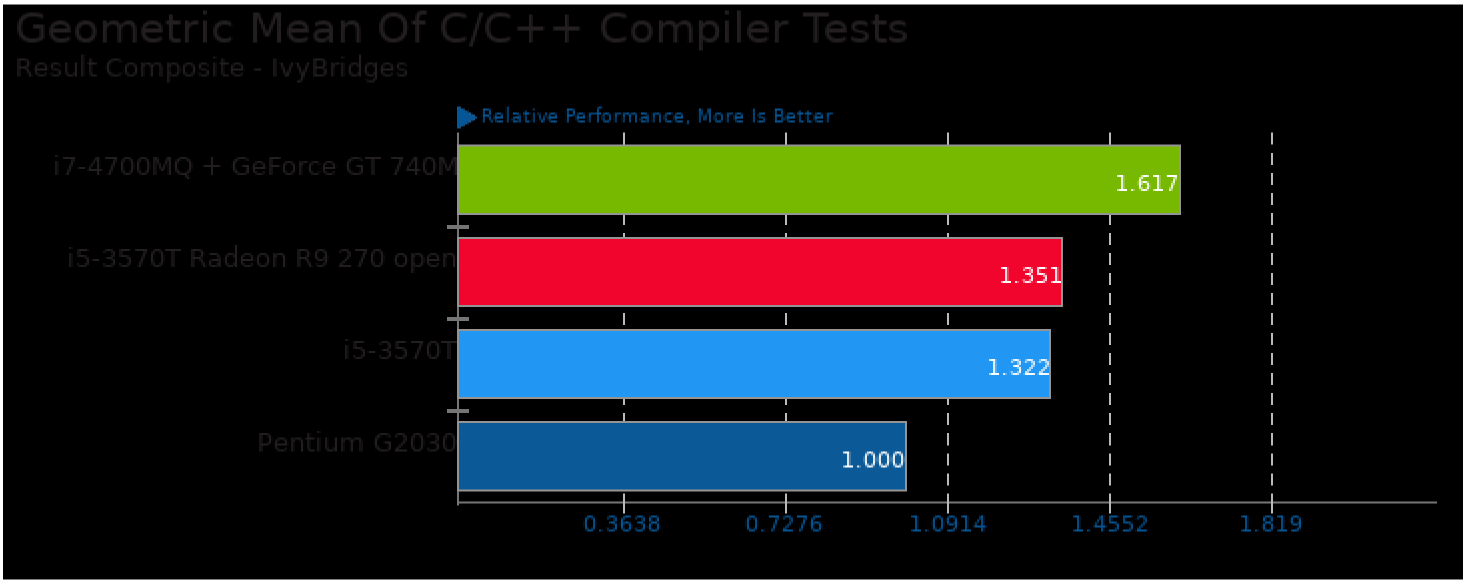


dcraw
RAW To PPM Image Conversion
Seconds, Fewer Is Better
Pentium G2030
SE +/- 0.07, N = 3
67.40
i5-3570T
SE +/- 0.61, N = 3
62.69
i5-3570T Radeon R9 270 open
SE +/- 0.45, N = 3
62.76
i7-4700MQ + GeForce GT 740M
SE +/- 0.25, N = 3
56.13
15
30
45
60
75
1. (CC) gcc options: -lm

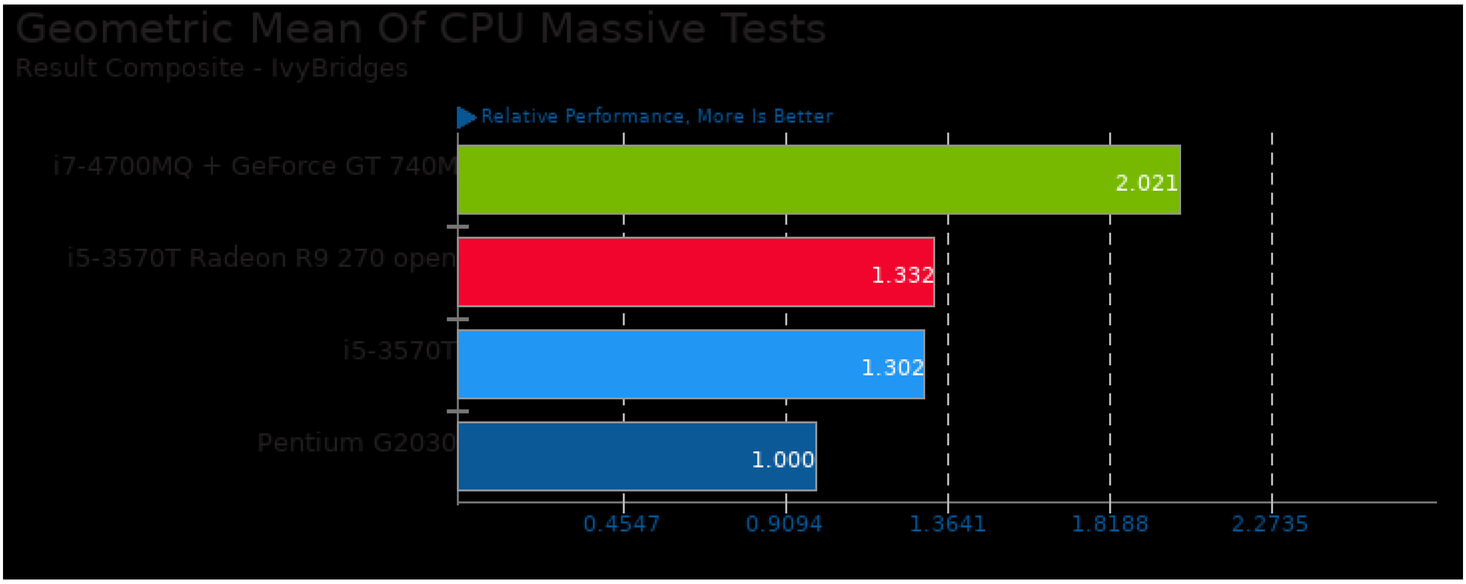


PyBench 2008-08-14
Total For Average Test Times
Milliseconds, Fewer Is Better
Pentium G2030
SE +/- 1.67, N = 3
2143
i5-3570T
SE +/- 1.00, N = 3
1949
i5-3570T Radeon R9 270 open
SE +/- 30.18, N = 5
2015
i7-4700MQ + GeForce GT 740M
SE +/- 1.00, N = 3
1631
500
1000
1500
2000
2500

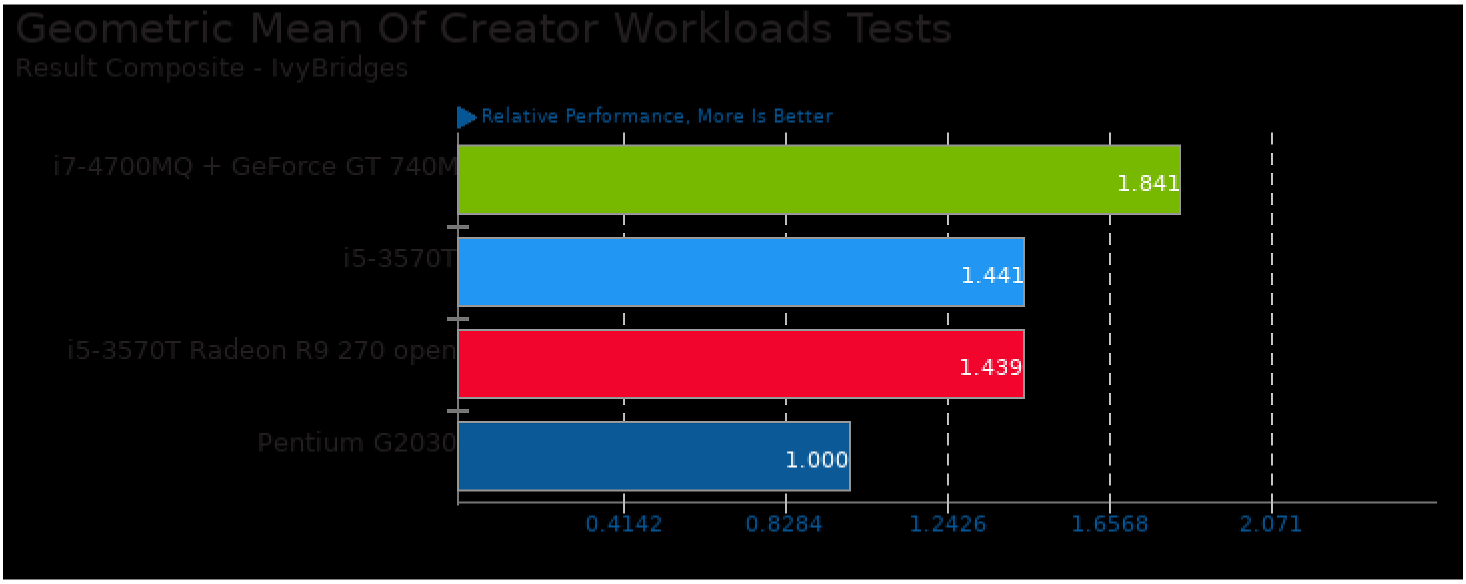
These geometric means are based upon test groupings / test suites for this result file.



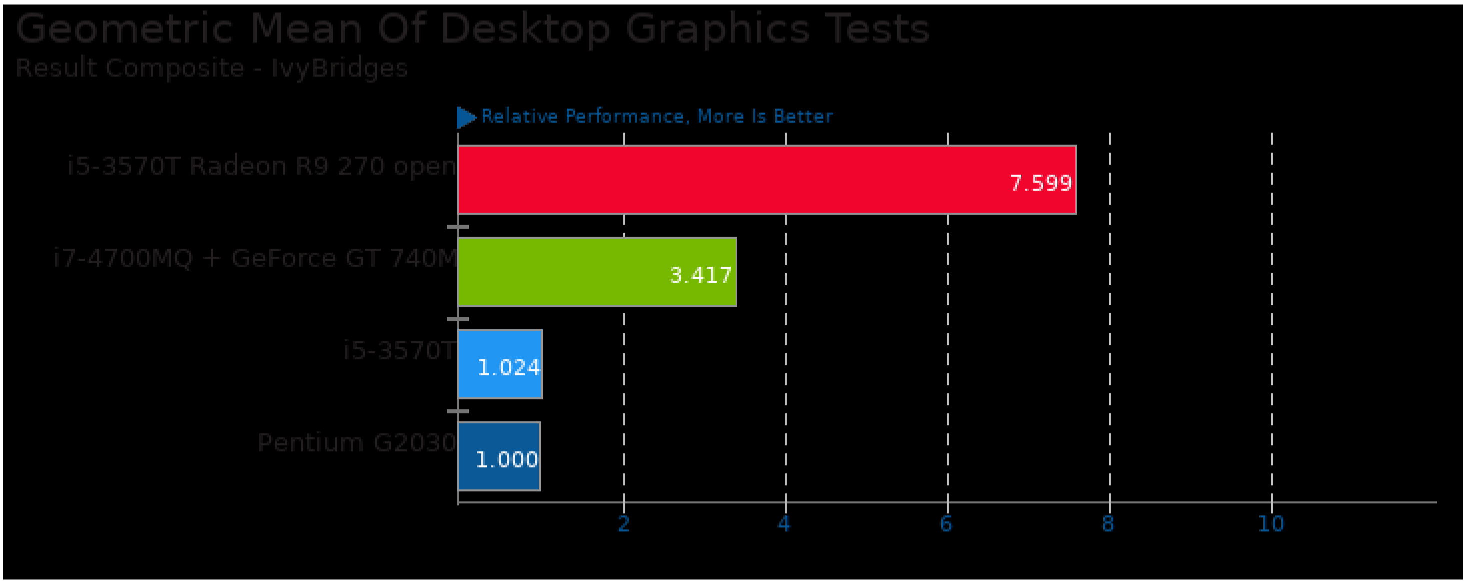
Geometric mean based upon tests: pts/scimark2, pts/c-ray and pts/build-mplayer



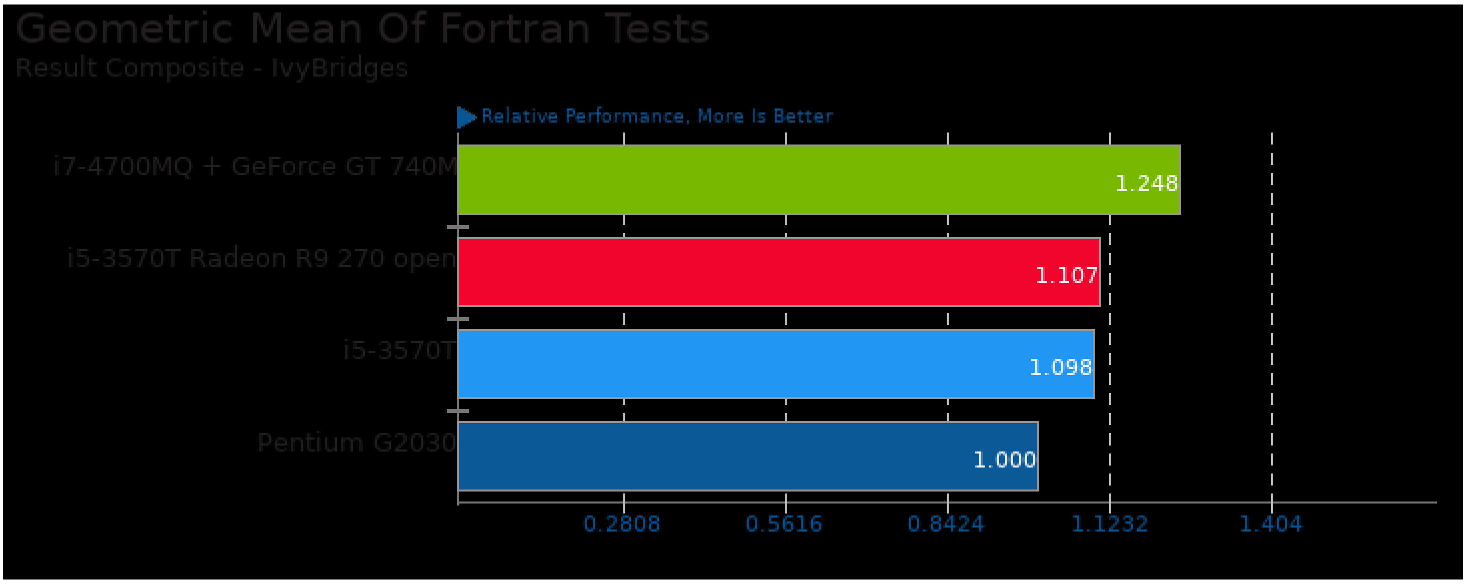
Geometric mean based upon tests: pts/blogbench, pts/c-ray, pts/dolfyn, pts/npb and pts/stream



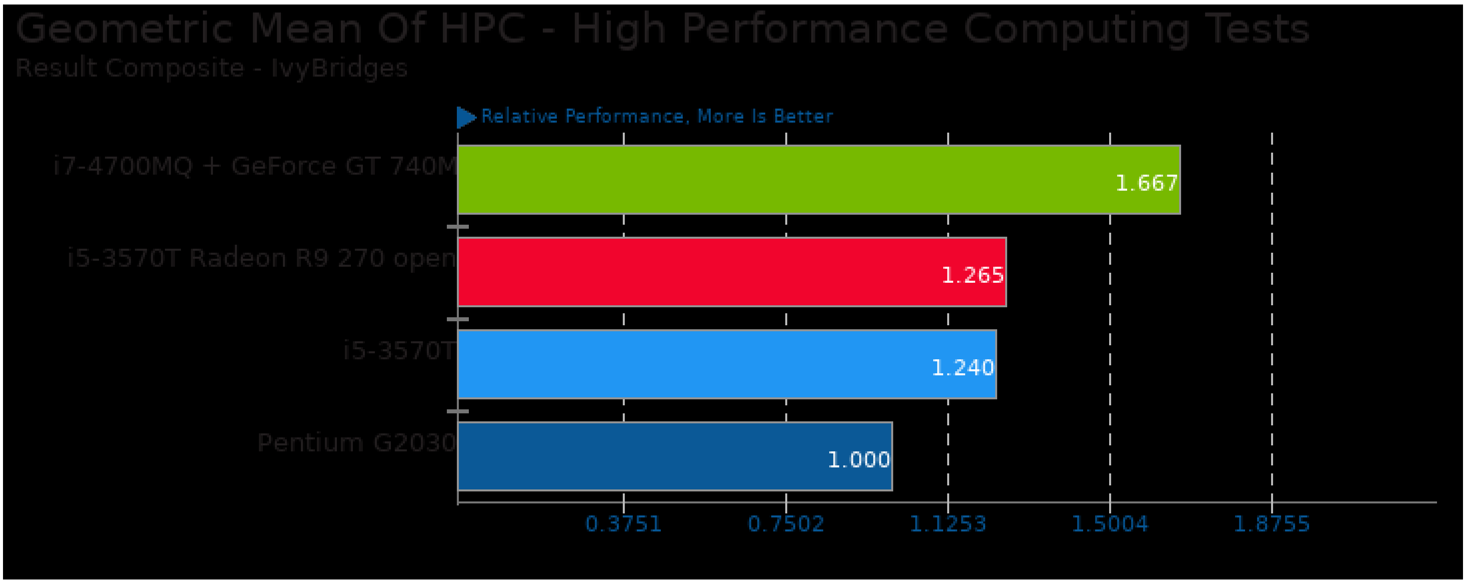
Geometric mean based upon tests: pts/c-ray and pts/dcraw



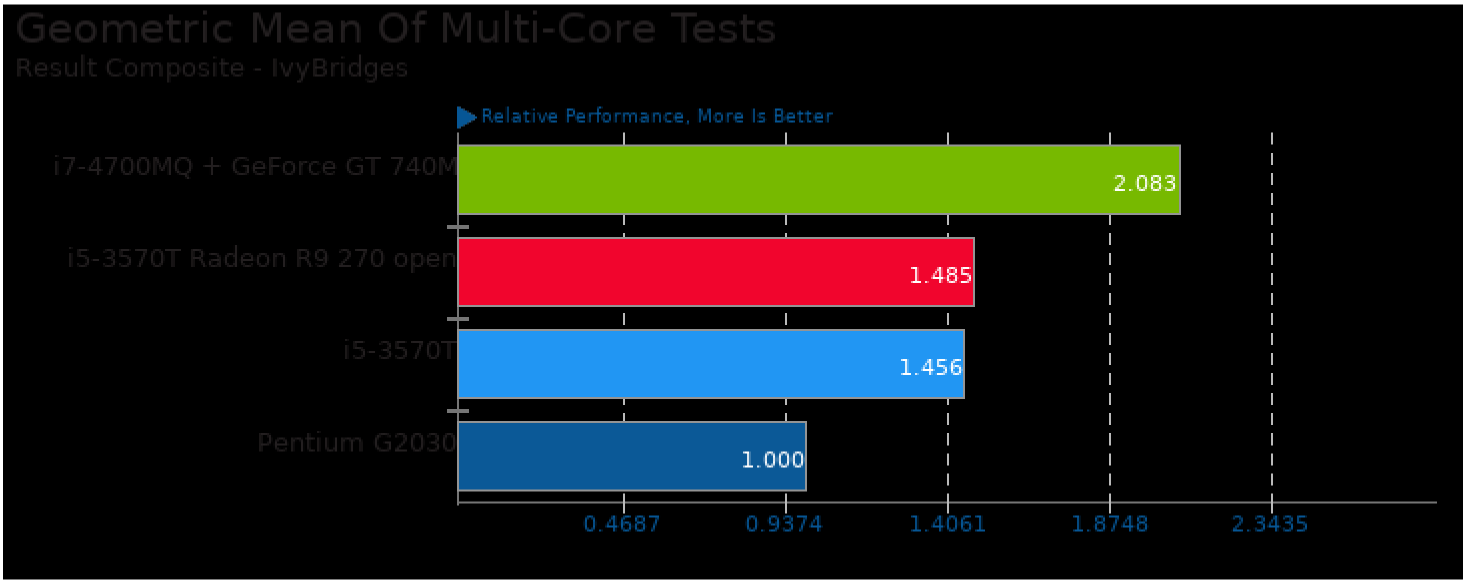
Geometric mean based upon tests: pts/openarena and pts/tesseract



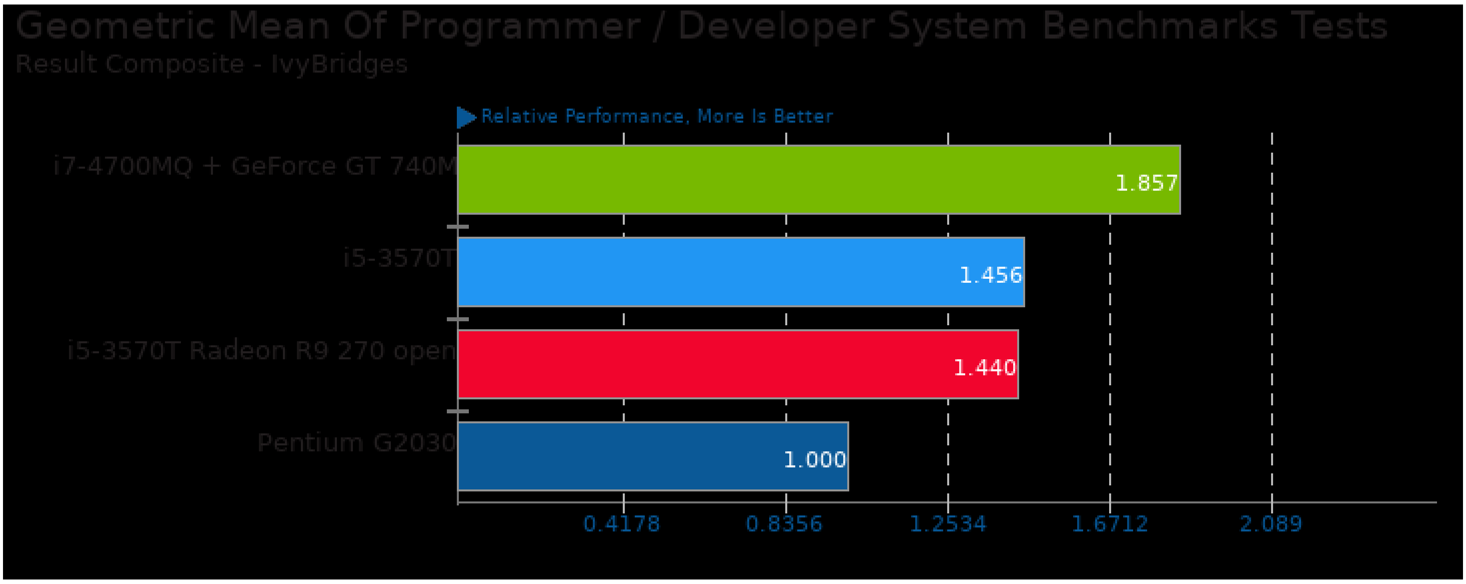
Geometric mean based upon tests: pts/dolfyn and pts/ffte



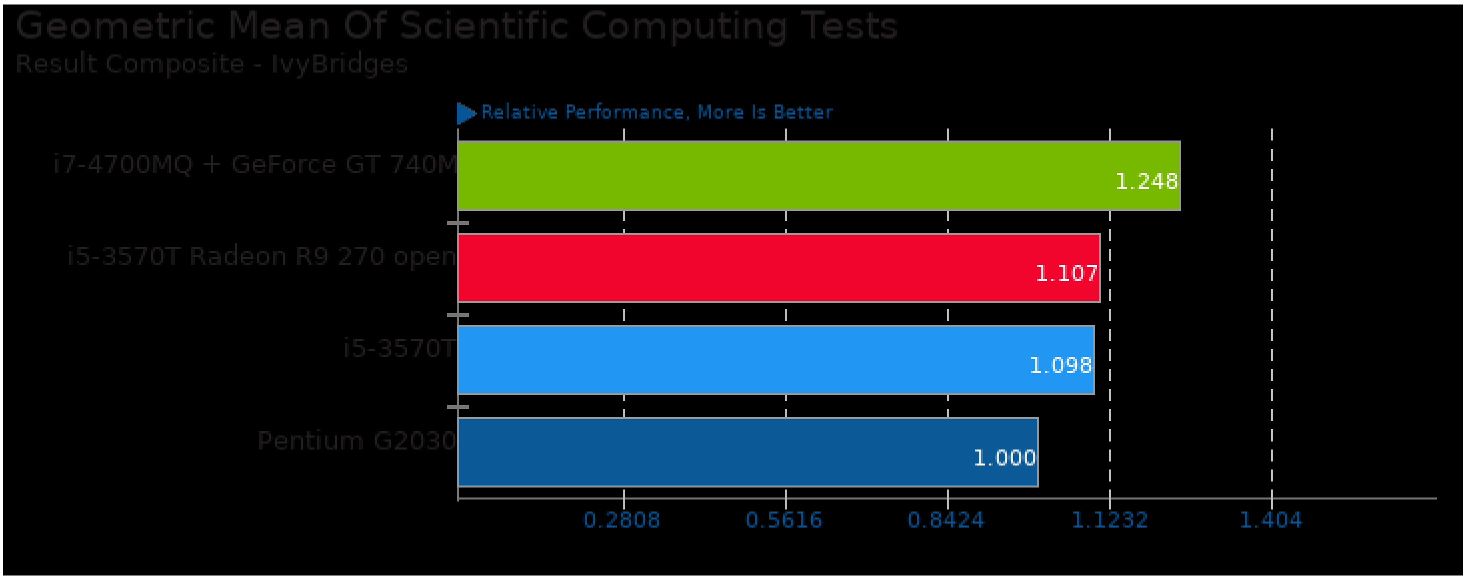
Geometric mean based upon tests: pts/npb, pts/ffte and pts/dolfyn



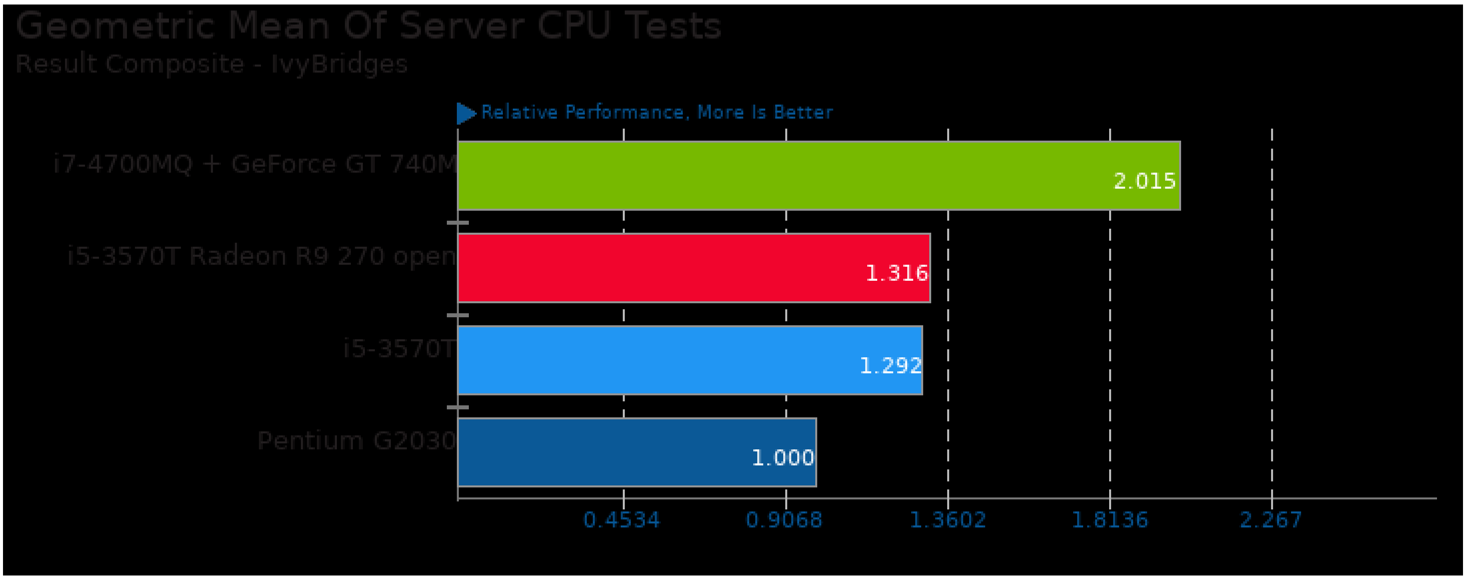
Geometric mean based upon tests: pts/c-ray, pts/npb and pts/build-mplayer



Geometric mean based upon tests: pts/pybench and pts/build-mplayer



Geometric mean based upon tests: pts/ffte and pts/dolfyn



Geometric mean based upon tests: pts/npb, pts/c-ray, pts/pybench and pts/stream

Geometric mean based upon tests: pts/fhourstones, pts/scimark2, pts/dcraw and pts/pybench

This file was automatically generated via the Phoronix Test Suite benchmarking software on Friday, 29 March 2024 08:48.