

Single-Core Score	Multi-Core Score
2048	23665
Geekbench 3.1.2 Tryout for Mac OS X x86 (32-bit)	

Result Information

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System Information

iMac14,2

Operating System	Mac OS X 10.10.5 (Build 14F27)
Model	iMac14,2
Processor	Intel Xeon E5-2670 @ 2.59 GHz 2 processors, 16 cores
Processor ID	GenuineIntel Family 6 Model 45 Stepping 7
L1 Instruction Cache	32 KB x 4
L1 Data Cache	32 KB x 4
L2 Cache	256 KB x 4
L3 Cache	20480 KB
Motherboard	Apple Inc. Mac-27ADBB7B4CEE8E61 iMac14,2
BIOS	Apple Inc. IM142.88Z.0118.B00.1309031249
Memory	98304 MB 1333 MHz DDR3

Integer Performance

Single-core	2043
Multi-core	26279
AES	2046
Single-core	1.75 GB/sec
AES	6884
Multi-core	5.89 GB/sec
Twofish	2036
Single-core	114.3 MB/sec
Twofish	31351
Multi-core	1.72 GB/sec
SHA1	2035
Single-core	221.0 MB/sec
SHA1	31711
Multi-core	3.36 GB/sec
SHA2	2040
Single-core	88.3 MB/sec
SHA2	32124
Multi-core	1.36 GB/sec
BZip2 Compress	1994

Single-core	8.11 MB/sec
BZip2 Compress	30145
Multi-core	122.5 MB/sec
BZip2 Decompress	2022
Single-core	11.0 MB/sec
BZip2 Decompress	31586
Multi-core	171.2 MB/sec
JPEG Compress	1989
Single-core	27.7 Mpixels/sec
JPEG Compress	30939
Multi-core	431.0 Mpixels/sec
JPEG Decompress	2042
Single-core	50.5 Mpixels/sec
JPEG Decompress	29608
Multi-core	731.9 Mpixels/sec
PNG Compress	2036
Single-core	1.63 Mpixels/sec
PNG Compress	31768
Multi-core	25.4 Mpixels/sec
PNG Decompress	2044
Single-core	23.6 Mpixels/sec
PNG Decompress	31163
Multi-core	359.3 Mpixels/sec
Sobel	2030
Single-core	73.9 Mpixels/sec
Sobel	27442
Multi-core	998.6 Mpixels/sec
Lua	1932
Single-core	1.74 MB/sec
Lua	29955
Multi-core	26.9 MB/sec
Dijkstra	2340
Single-core	8.40 Mpairs/sec
Dijkstra	18274
Multi-core	65.6 Mpairs/sec

Floating Point Performance

Single-core	2058
Multi-core	31741
BlackScholes	2308
Single-core	10.3 Mnodes/sec
BlackScholes	35892
Multi-core	159.7 Mnodes/sec
Mandelbrot	2034
Single-core	2.09 Gflops
Mandelbrot	31798

Multi-core	32.6 Gflops
Sharpen Filter	2015
Single-core	1.49 Gflops
Sharpen Filter	30685
Multi-core	22.7 Gflops
Blur Filter	2010
Single-core	1.92 Gflops
Blur Filter	31182
Multi-core	29.7 Gflops
SGEMM	2031
Single-core	5.69 Gflops
SGEMM	31358
Multi-core	87.8 Gflops
DGEMM	2085
Single-core	3.06 Gflops
DGEMM	30618
Multi-core	45.0 Gflops
SFFT	2067
Single-core	2.18 Gflops
SFFT	31488
Multi-core	33.2 Gflops
DFFT	2037
Single-core	1.86 Gflops
DFFT	31763
Multi-core	28.9 Gflops
N-Body	2032
Single-core	754.6 Kpairs/sec
N-Body	31582
Multi-core	11.7 Mpairs/sec
Ray Trace	1986
Single-core	2.34 Mpixels/sec
Ray Trace	31353
Multi-core	37.0 Mpixels/sec

Memory Performance

Single-core **2041**

Multi-core **2287**

Stream Copy	2041
Single-core	8.14 GB/sec
Stream Copy	2283
Multi-core	9.11 GB/sec
Stream Scale	2008
Single-core	8.02 GB/sec
Stream Scale	2295
Multi-core	9.17 GB/sec
Stream Add	2042
Single-core	9.24 GB/sec

Stream Add 2277
Multi-core 10.3 GB/sec
Stream Triad 2077
Single-core 9.13 GB/sec
Stream Triad 2296
Multi-core 10.1 GB/sec

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