

Summary

Section	Description	Score	Geekbench Score
Integer	Processor integer performance	9484	10783
Floating Point	Processor floating point performance	16945	
Memory	Memory performance	5332	
Stream	Memory bandwidth performance	4669	
Geekbench 2.1.7 for Mac OS X x86 (64-bit)			

System Information

Operating System	Mac OS X 10.8.4 (Build 12E55)		
Model	iMac (27-inch Mid 2010)	Motherboard	Apple Inc. Mac-F2238BAE iMac11,3
Processor	Intel(R) Core(TM) i7 CPU 870 @ 2.93GHz		
Processor ID	GenuineIntel Family 6 Model 30 Stepping 5		
Processors	1	Threads	8
Cores	4	Memory	16.0 GB 1333 MHz DDR3
Processor Frequency	2.93 GHz	Bus Frequency	4.80 GHz
L1 Instruction Cache	32.0 KB	L1 Data Cache	32.0 KB
L2 Cache	256 KB	L3 Cache	8.00 MB
BIOS	Apple Inc. IM112.88Z.0057.B01.1112090906		

Integer Section

Section Score	9484	
Blowfish single-threaded scalar	2261 99.3 MB/sec	
Blowfish multi-threaded scalar	13844 567.3 MB/sec	
Text Compress single-threaded scalar	2693 8.62 MB/sec	
Text Compress multi-threaded scalar	13897 45.6 MB/sec	
Text Decompress single-threaded scalar	3021 12.4 MB/sec	
Text Decompress multi-threaded scalar	15602 62.2 MB/sec	
Image Compress single-threaded scalar	2986 24.7 Mpixels/sec	
Image Compress multi-threaded scalar	15032 126.5 Mpixels/sec	
Image Decompress single-threaded scalar	3140 52.7 Mpixels/sec	
Image Decompress multi-threaded scalar	13477 219.9 Mpixels/sec	
Lua single-threaded scalar	5238 2.02 Mnodes/sec	
Lua multi-threaded scalar	22626 8.70 Mnodes/sec	

Floating Point Section

Section Score	16945	
Mandelbrot single-threaded scalar	2953 1.96 Gflops	
Mandelbrot multi-threaded scalar	19788 12.9 Gflops	
Dot Product single-threaded scalar	4833 2.34 Gflops	
Dot Product multi-threaded scalar	18483 8.42 Gflops	
Dot Product single-threaded vector	5803 6.95 Gflops	
Dot Product multi-threaded vector	31485 32.7 Gflops	
LU Decomposition single-threaded scalar	1432 1.27 Gflops	
LU Decomposition multi-threaded scalar	7748 6.79 Gflops	
Primality Test single-threaded scalar	7695 1.15 Gflops	
Primality Test multi-threaded scalar	27319 5.07 Gflops	
Sharpen Image single-threaded scalar	7470 17.4 Mpixels/sec	
Sharpen Image multi-threaded scalar	40435 93.2 Mpixels/sec	
Blur Image single-threaded scalar	9230 7.30 Mpixels/sec	
Blur Image multi-threaded scalar	52568 41.3 Mpixels/sec	

Memory Section

Section Score	5332	
Read Sequential single-threaded scalar	5932 7.26 GB/sec	
Write Sequential single-threaded scalar	9047 6.19 GB/sec	
Stdlib Allocate single-threaded scalar	4238 15.8 Mallocs/sec	
Stdlib Write single-threaded scalar	3108 6.43 GB/sec	
Stdlib Copy single-threaded scalar	4337 4.47 GB/sec	

Stream Section

Section Score	4669	
Stream Copy single-threaded scalar	4483 6.13 GB/sec	
Stream Copy single-threaded vector	5461 7.08 GB/sec	
Stream Scale single-threaded scalar	4544 5.90 GB/sec	
Stream Scale single-threaded vector	4906 6.62 GB/sec	
Stream Add single-threaded scalar	4335 6.54 GB/sec	
Stream Add single-threaded vector	5181 7.21 GB/sec	
Stream Triad single-threaded scalar	4662 6.44 GB/sec	
Stream Triad single-threaded vector	3783 7.08 GB/sec	