

MacBook Pro (15-inch Early 2010)

Summary

Section	Description	Score	Geekbench Score
Geekbench 2.1.11 for Mac OS X x86 (64-bit)			
Integer	Processor integer performance	5693	6643
Floating Point	Processor floating point performance	9846	
Memory	Memory performance	4290	
Stream	Memory bandwidth performance	3464	

System Information

Operating System	Mac OS X 10.6.6 (Build 10J567)		
Model	MacBook Pro (15-inch Early 2010)	Motherboard	Apple Inc. Mac-F22586C8 MacBookPro6,2
Processor	Intel Core i7 M 640		
Processor ID	GenuineIntel Family 6 Model 37 Stepping 5		
Processor Frequency	2.80 GHz	Processors	1
Cores	2	Threads	4
L1 Instruction Cache	32.0 KB	L1 Data Cache	32.0 KB
L2 Cache	256 KB	L3 Cache	4.00 MB
Memory	8.00 GB 1067 MHz DDR3	FSB	4.80 GHz
BIOS	Apple Inc. MBP61.88Z.0057.B0C.1007261552		

Integer Performance

Integer	5693	
Blowfish	2180	
single-threaded scalar	95.8 MB/sec	
Blowfish	6925	
multi-threaded scalar	283.8 MB/sec	
Text Compress	3077	
single-threaded scalar	9.84 MB/sec	

Additional Information

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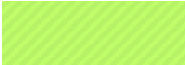
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Text Compress	7501	
multi-threaded scalar	24.6 MB/sec	
Text Decompress	3169	
single-threaded scalar	13.0 MB/sec	
Text Decompress	7996	
multi-threaded scalar	31.9 MB/sec	
Image Compress	2925	
single-threaded scalar	24.2 Mpixels/sec	
Image Compress	7502	
multi-threaded scalar	63.1 Mpixels/sec	
Image Decompress	3114	
single-threaded scalar	52.3 Mpixels/sec	
Image Decompress	6799	
multi-threaded scalar	110.9 Mpixels/sec	
Lua	5530	
single-threaded scalar	2.13 Mnodes/sec	
Lua	11607	
multi-threaded scalar	4.46 Mnodes/sec	

Floating Point Performance

Floating Point	9846	
Mandelbrot	2888	
single-threaded scalar	1.92 Gflops	
Mandelbrot	9844	
multi-threaded scalar	6.44 Gflops	
Dot Product	4703	
single-threaded scalar	2.27 Gflops	
Dot Product	9229	
multi-threaded scalar	4.21 Gflops	
Dot Product	5634	
single-threaded vector	6.75 Gflops	
Dot Product	15715	
multi-threaded vector	16.3 Gflops	

LU Decomposition	1882	
single-threaded scalar	1.67 Gflops	
LU Decomposition	4117	
multi-threaded scalar	3.61 Gflops	
Primality Test	7487	
single-threaded scalar	1.12 Gflops	
Primality Test	14191	
multi-threaded scalar	2.63 Gflops	
Sharpen Image	7257	
single-threaded scalar	16.9 Mpixels/sec	
Sharpen Image	19928	
multi-threaded scalar	45.9 Mpixels/sec	
Blur Image	9111	
single-threaded scalar	7.21 Mpixels/sec	
Blur Image	25867	
multi-threaded scalar	20.3 Mpixels/sec	

Memory Performance

Memory	4290	
Read Sequential	4599	
single-threaded scalar	5.63 GB/sec	
Write Sequential	7241	
single-threaded scalar	4.95 GB/sec	
Stdlib Allocate	4245	
single-threaded scalar	15.8 Mallocs/sec	
Stdlib Write	2380	
single-threaded scalar	4.93 GB/sec	
Stdlib Copy	2988	
single-threaded scalar	3.08 GB/sec	

Stream Performance

Stream	3464	

Stream Copy	3292	
single-threaded scalar	4.50 GB/sec	
Stream Copy	3798	
single-threaded vector	4.93 GB/sec	
Stream Scale	3490	
single-threaded scalar	4.53 GB/sec	
Stream Scale	3622	
single-threaded vector	4.89 GB/sec	
Stream Add	3294	
single-threaded scalar	4.97 GB/sec	
Stream Add	3859	
single-threaded vector	5.37 GB/sec	
Stream Triad	3545	
single-threaded scalar	4.90 GB/sec	
Stream Triad	2818	
single-threaded vector	5.27 GB/sec	