

Intel i7-4770k	CL-RCD-RP-RAS	Memory	4c/8t
Kingston		Dual DDR3-	Stock Voltage
HyperX	9-10-9-27 CR2	1866	1.136

6c/12t	AMD R5 1600
Stock Volatge	Corsair
1.240	

Intel X5650	CL-RCD-RP-RAS	Memory	6c/12t
D 12GB Performa	8-9-8-24 CR1	DDR3-1600	

	LLC Mode 1		
Voltage	1.3500v	Stock	1.248v
CPU-Z-1	R5 1600@3.92	i7-4770k@4.0	X5650 @ 4.0
Single	2189	1817	1428
Single	2187	1817	
Multi	15172	7909	9351
Multi	15174	7898	
Cinebench R15-2	R5 1600@3.92	i7-4770k@4.0	X5650 @ 4.0
Single	151	160	124
Single	151	159	
Multi	1299	790	943
Multi	1298	791	
Performance Test 9-3	R5 1600@3.92	i7-4770k@4.0	X5650 @ 4.0
CPU Mark	13584	10979	10015
CPU Mark	13655	10893	
Interger Math	31749	19234	26391
Interger Math	31592	19177	
Floating Point	11970	7956	7771
Floating Point	12081	7942	
Prime	40	33	41
Prime	41	33	
SSE	607	413	33
SSE	606	419	
Compression	20925	14671	16417
Compression	20963	14706	
Encryption	3354	2040	2800
Encryption	3361	2042	
Physics	694	639	691

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Physics	696	610	
Sorting	12800	8552	10134
Sorting	12794	8562	
Single Thread	1865	2389	1722
Single Thread	1883	2390	

Adia64-4	R5 1600@3.92	i7-4770k@4.0	X5650 @ 4.0
Memory Read MB/s	40943	27011	25596
Memory Read MB/s	41087	27368	
Memory Write MB/s	40199	29118	22435
Memory Write MB/s	40231	29133	
Memory Copy MB/s	37359	26732	28868
Memory Copy MB/s	37507	26639	
Memory Latency /ns	86.2	54.9	56.6
Memory Latency /ns	86.2	55.1	
CPU Queen	71262	50988	63010
CPU Queen	71073	50904	
CPU PhotoWorxx MPixels/s	21889	17322	16014
CPU PhotoWorxx MPixels/s	21823	16942	
CPU Zlib MB/s	540.2	233.2	403
CPU Zlib MB/s	556.9	291.1	
CPU AES MB/s	52159	18107	13586
CPU AES MB/s	52239	18108	
CPU Hash MB/s	17733	4071	3489
CPU Hash MB/s	17741	4072	
FPU VP8	7802	6731	6382
FPU VP8	7692	6606	
FPU Julia	29760	31413	19913
FPU Julia	29755	31427	

FPU Mandel	15445	16864	9602
FPU Mandel	15443	16870	
FPU SinJulia	10055	5066	8262
FPU SinJulia	10055	5066	
FP32 Ray-Trace KRays/s	6076	5680	2920
FP32 Ray-Trace KRays/s	6073	5681	
FP64 Ray-Trace KRays/s	3153	3090	1604
FP64 Ray-Trace KRays/s	3153	3089	

Firestrike CPU Only-7	R5 1600@3.92	i7-4770k@4.0	X5650 @ 4.0
381.78	17930 56.92fps	11323 35.95fps	13891 44.10fps
381.78	17329 55.02fps	11334 35.98fps	

Geekbench 4-8	R5 1600@3.92	i7-4770k@4.0	X5650 @ 4.0
Single Core			
Single	4366	4809	3513
Single	4335	4810	
Crypto	5919	4127	2081
Crypto	5564	4199	
Integer	4248	4909	3733
Integer	4228	4913	
Floating Point	4115	4444	2753
Floating Point	4109	4428	
Memory	4620	5304	4515
Memory	4609	5302	
Multi-Core			
Multi	20162	15956	16739
Multi	20465	16014	
Crypto	14234	13932	13318
Crypto	14370	14463	
Integer	25609	19083	21695
Integer	26226	19106	

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Floating Point	22874	18213	16671
Floating Point	22952	18277	

Memory	5321	6040	5474
Memory	5299	6050	

RealBench 2.54-9	R5 1600@3.92	i7-4770k@4.0	X5650 @ 4.0
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Image Encoding	163875	157134	167748
>>Time	32.5125	33.9073	31.7619

Image Encoding	159875	154139	
>>Time	33.326	34.5661	

Encoding	133623	69645	86.373
>>Time	39.8733	76.5013	61.6857

Encoding	130679	71966	
>>Time	40.7716	74.0341	

OpenCL GTX1060	67158	66092	(R9 290) 91.143
KSamples/sec	12444	12237	16823

OpenCL GTX1060	67158	67158	
KSamples/sec	12408	12417	

Heavy Multitasking	125237	79947	114694
>>Time	60.9404	95.4631	66.5419

Heavy Multitasking	118271	82739	
>>Time	64.53	92.242	

System Score	122473	93204	114989
System Score	118995	94000	

**CL-RCD-RP-RAS Memory
Dual DDR4-
14-14-14-34 CR1 2661**