



AMD Elite Series APUs

PRODUCT SUMMARY

Introducing the brand new
2013 AMD Elite Series APUs with
Radeon™ HD 8000 Graphics:

- Launches June 4, 2013
- Elite Performance compute and gaming
- Elite Entertainment with discrete level graphics
- Easy Upgrades on FM2

Why it's great:

A world-class APU designed for amazing graphics, gaming and compute performance.

- Up to 779 GFLOPS of compute performance¹
- Discrete class graphics
- Platform Longevity with FM2 Socket

HOW WE COMPARE TO THE COMPETITION²

	Graphics Brand	Cores	Max Frequency	Socket	Unlocked	Basemark CL Performance	3DMark Fire Strike	SSBP*
AMD A10-6800K	AMD Radeon™ HD 8670D	4	4.4 GHz	FM2	Yes	57.3	1104	\$142
AMD A10-6700	AMD Radeon™ HD 8670D	4	4.3 GHz	FM2	No	56.8	1004	\$122
Intel Core i5 3470	Intel HD 2500	4	3.6 GHz	1155	No	18.1	317	\$195
Intel Core i5 4430	Intel HD 4600	4	3.2 GHz	1150	No	NA	NA	NA
AMD A8-6600K	AMD Radeon™ HD 8570D	4	4.2 GHz	FM2	Yes	47.1	878	\$112
AMD A8-6500	AMD Radeon™ HD 8570D	4	4.1 GHz	FM2	No	44.3	867	\$91
Intel Core i3 3240	Intel HD 2500	2	3.4 GHz	1155	No	17.4	296	\$147
AMD A6-6400K	AMD Radeon™ HD 8470D	2	4.1 GHz	FM2	Yes	37.6	557	\$69
Intel Core i3 3220	Intel HD 2500	2	3.3 GHz	1155	No	17.4	295	\$125



AMD APU Advantage (AAA)-A10²

BENCHMARK



3DMARK – FIRE STRIKE (3DMARKS)



GAME



SIMCITY – 1080P – MAX SETTINGS MIN LIGHTING (FPS)



COMPUTE



WINZIP – DECOMPRESS SPEED (MB/S)



AMD APU Advantage (AAA)-A8²

BENCHMARK



3DMARKS–FIRE STRIKE (3DMARKS)



GAME



DEVIL MAY CRY – 1080P ULTRA (FPS)



COMPUTE



1080 MPEG2 TO MKV (MB/S)



The Entire A-Series Stack:

↑

FM2 SOCKET COMPATIBLE

	BEST APU PERFORMANCE	AMD A10-6800K AMD A10-6700 AMD A10-5800K AMD A10-5700
	ELITE 4 CORE PERFORMANCE	AMD A8-6600K AMD A8-6500 AMD A8-5600K AMD A8-5500
	ELITE 2 CORE PERFORMANCE	AMD A6-6400K AMD A6-5400K
	ENTRY APU	AMD A4-5300 AMD A4-4000

Substantiation:

¹Theoretical GFLOPs calculated by AMD as 779 for AMD A10-6800K with AMD Radeon™ HD 8670D Graphics. GFLOPs = CPU GFLOPs + GPU GFLOPs = CPU Core Freq (4.1 GHz) x Core count (4) x 8 + GPU Core Freq (844 MHz) x Radeon Core (384) x 2

²3DMark Fire Strike data as of May 9, 2013. Basemark CL V1.01 test ed on GPU profile

Tested AMD systems using 2x4 GB DDR3-1866 (except AMD A10-6800K using DDR3-2133 and AMD A4-4000 APU using DDR3-1800), Windows 8 64bit, Driver 13.10.BR021649

Intel systems using HD2500 graphics, 2x4 GB DDR3-1600, Windows 8 64bit, Driver 15.31.3.64.3071

Intel systems with graphics cards used Intel core i3 3220 or core i5 3470 processor with NV GT 630 or NV GT 620 graphics card, 2x4GB DDR3-1600, Windows 8 64 bit, Driver 313.96

3DMark version as of March 6, 2013. SIMCITY tested with FRAPS at 720P with Medium settings and Low Lighting, Low shadows on the game tutorial map. SIMCITY version as of March 6, 2013. Handbrake tested with 123 minute MPEG2, 1080P file converted to MKV. Handbrake nightly build 5269 version used. Tomb Raider tested with FRAPS at 720P with low settings and TressFX enabled on the plane sequence. WINZIP 17 decompression test involved extracting 280 bitmap screen shots, each 2-3MB in size.

³AMD's product warranty does not cover damages caused by overclocking, even when overclocking is enabled with AMD hardware or software

*SSBP pricing as of May 9, 2013 subject to change, and Intel box pricing from <http://ark.intel.com/> Intel Core i5 4430 pricing unreleased.

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