

EC Castle: 32k 4-way I\$ D\$ (short -r3836)					ArcSim 1.0				EC Castle vs. ArcSim 1.0 Cycle Accurate Mode			
Benchmark	Cycles	I\$-Miss	D\$-Miss	I\$D\$-Miss	Benchmark	Cycles	I\$-Miss	D\$-Miss	Abs. Cycle Diff.	Rel. Cycle Diff.	Abs. D\$Miss Diff.	Abs. I\$Miss Diff.
a2time01	85486	286	159	5	a2time01	83927	277	159	-1559	1.82	0	-9
aifftr01	29310366	633	3159	16	aifftr01	28100900	490	3212	-1209466	4.13	53	-143
aifirf01	93886	197	314	4	aifirf01	93183	191	314	-703	0.75	0	-6
aiifft01	29279406	620	3234	23	aiifft01	28047135	479	3190	-1232271	4.21	-44	-141
autcor00	252174	202	66	9	autcor00	255644	176	66	3470	1.38	0	-26
basefp01	301486	378	1057	8	basefp01	304533	363	1064	3047	1.01	7	-15
bezier01	2319566	91	615	1	bezier01	2359106	86	615	39540	1.70	0	-5
bitmnp01	130766	362	171	5	bitmnp01	119172	347	171	-11594	8.87	0	-15
cacheb01	953070	155	3269	10	cacheb01	875263	149	3264	-77807	8.16	-5	-6
canrdr01	98558	135	404	7	canrdr01	97967	130	404	-591	0.60	0	-5
conven00	109198	121	101	3	conven00	119878	115	101	10680	9.78	0	-6
dither01	5847806	136	4863	7	dither01	5626043	130	4878	-221763	3.79	15	-6
empty	11454	62	13	0	empty	10880	56	13	-574	5.01	0	-6
fbital00	279982	133	69	4	fbital00	290308	125	69	10326	3.69	0	-8
fft00	3784078	309	211	5	fft00	3744111	298	211	-39967	1.06	0	-11
idctrn01	3948622	604	646	9	idctrn01	3808292	541	645	-140330	3.55	-1	-63
iirflt01	112558	345	293	7	iirflt01	112792	329	293	234	0.21	0	-16
ospf	308030	153	936	7	ospf	320314	145	943	12284	3.99	7	-8
pktflow	17278	91	20	1	pktflow	16524	85	20	-754	4.36	0	-6
pntrch01	103854	164	373	9	pntrch01	104017	159	373	163	0.16	0	-5
puwmod01	140958	151	634	5	puwmod01	143507	144	633	2549	1.81	-1	-7
rgbcmy01	6495070	126	16831	6	rgbcmy01	6447632	118	16830	-47438	0.73	-1	-8
rgbhpg01	5723438	77	7035	3	rgbhpg01	5687860	69	7048	-35578	0.62	13	-8
rgbyiq01	8765710	128	14429	4	rgbyiq01	8400837	121	14425	-364873	4.16	-4	-7
rotate01	1744670	179	840	4	rotate01	1766415	173	836	21745	1.25	-4	-6
routelookup	438638	139	450	2	routelookup	464389	134	450	25751	5.87	0	-5
rspeed01	50558	150	149	4	rspeed01	49851	143	149	-707	1.40	0	-7
tblook01	128190	349	163	12	tblook01	131303	340	163	3113	2.43	0	-9
text01	2958174	189	2354	10	text01	3104988	179	2294	146814	4.96	-60	-10
ttsprk01	114654	200	489	6	ttsprk01	116392	191	489	1738	1.52	0	-9
viterb00	250366	199	140	4	viterb00	279563	149	140	29197	11.66	0	-50
coremark-20-iter	10365885	372	82	5	coremark-20-iter	10327839	359	82	-38046	0.37	0	-13
average									ARITHMEAN	3.28		
									GEOMEAN	2.05		

coremark@iter 20
 coremark@20 10365885
 coremark@start 40803
 coremark@end 10359063
 coremark@score **1.94**
 Compiler Flags: -O3 -MA7