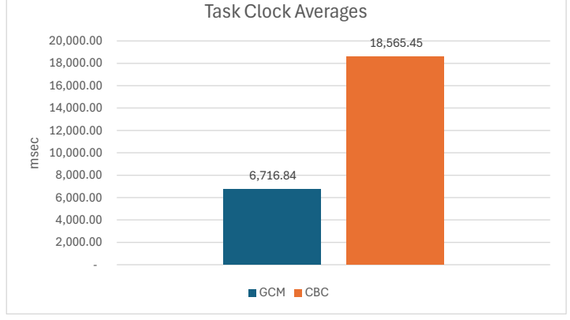
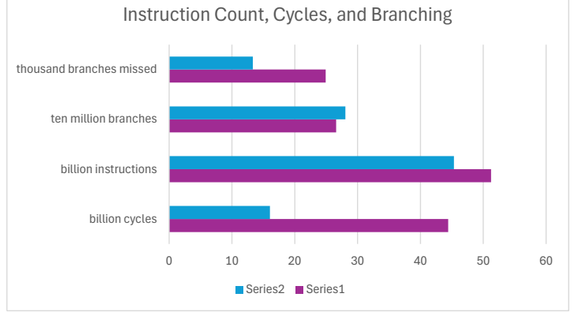
AES GCM Speed Test												
Trial 1				Trial 2				Trial 3				Averages			
6,706.85	task clock (msec)	1	CPUs utilized	6,737.68	task clock (msec)	1	CPUs utilized	6,706.00	task clock (msec)	1	CPUs utilized	6,716.84	task clock (msec)	1	CPUs utilized
0	context switches	0	/sec	0	context switches	0	/sec	0	context switches	0	/sec	-	context switches	0	/sec
0	cpu migrations	0	/sec	0	cpu migrations	0	/sec	0	cpu migrations	0	/sec	-	cpu migrations	0	/sec
58	page faults	8.648	/sec	57	page faults	8.46	/sec	58	page faults	8.649	/sec	57.67	page faults	8.585666667	/sec
16,037,298,331	cycles	2.391	GHz	16,038,790,816	cycles	2.38	GHz	16,035,607,589	cycles	2.391	GHz	16,037,232,245.33	cycles	2.387333333	GHz
45328180134	instructions	2.83	inst per cycle	45,328,180,115	instructions	2.83	inst per cycle	45,328,180,138	instructions	2.83	inst per cycle	45,328,180,129.00	instructions	2.83	inst per cycle
280407977	branches	41.809	M/sec	280,407,973	branches	41.617	M/sec	280,407,978	branches	41.814	M/sec	280,407,976.00	branches	41.74666667	M/sec
13190	branches missed	0	% of all branches	13,240	branches missed	0	% of all branches	13,543	branches missed	0	% of all branches	13,324.33	branches missed	0	% of all branches
6.707743813	time elapsed (seconds)			6.738821866	time elapsed (seconds)			6.707171072	time elapsed (seconds)			6.72	time elapsed (seconds)		
6.707295	user (seconds)			6.738286	user (seconds)			6.70645	user (seconds)			6.72	user (seconds)		
0	sys (seconds)			0	sys (seconds)			0	sys (seconds)			-	sys (seconds)		

AES CBC Speed Test												
Trial 1				Trial 2				Trial 3				Averages			
18,582.29	task clock	1	CPUs utilized	18,551.94	task clock	1	CPUs utilized	18,562.12	task clock	1	CPUs utilized	18,565.45	task clock (msec)	1	CPUs utilized
0	context switches	0	/sec	0	context switches	0	/sec	0	context switches	0	/sec	-	context switches	0	/sec
0	cpu migrations	0	/sec	0	cpu migrations	0	/sec	0	cpu migrations	0	/sec	-	cpu migrations	0	/sec
57	page faults	3.067	/sec	56	page faults	3.019	/sec	57	page faults	3.07	/sec	56.67	page faults	3.052	/sec
44,432,160,073.00	cycles	2.391	GHz	44,432,299,762	cycles	2.395	GHz	44,432,263,260	cycles	2.393	GHz	44,432,241,031.67	cycles	2.393	GHz
51,236,867,959.00	instructions	1.15	inst per cycle	51,236,867,940	instructions	1.15	inst per cycle	51,236,867,971	instructions	1.15	inst per cycle	51,236,867,956.67	instructions	1.15	inst per cycle
265,735,038.00	branches	14.3	M/sec	265,735,034	branches	14.324	M/sec	265,735,041	branches	14.314	M/sec	265,735,037.67	branches	14.31266667	M/sec
25,532.00	branches missed	0.01	% of all branches	24,721	branches missed	0.01	% of all branches	24,540	branches missed	0.01	% of all branches	24,931.00	branches missed	0.01	% of all branches
18.58570484	time elapsed (seconds)			18.55400924	time elapsed (seconds)			18.56730346	time elapsed (seconds)			18.57	time elapsed (seconds)		
18.582807	user (seconds)			18.552313	user (seconds)			18.565497	user (seconds)			18.57	user (seconds)		
0	sys (seconds)			0	sys (seconds)			0	sys (seconds)			-	sys (seconds)		

Adjusted Averages	GCM	CBC
task clock (sec)	6.72	18.57
context switches	0	0
cpu migrations	0	0
page faults	57.67	56.67
billion cycles	16.04	44.43
billion instructions	45.33	51.24
ten million branches	28.04	26.57
thousand branches missed	13.32	24.93
time elapsed (seconds)	6.72	18.57
user (seconds)	6.72	18.57
sys (seconds)	0	0
CPUs utilized	1	1
/sec	0	0
/sec	0	0
/sec	8.585667	3.052
GHz	2.387333	2.393
inst per cycle	2.83	1.15
M/sec	41.74667	14.31267
% of all branches	0	0.01





Interesting data of note
Significantly more instructions on CBC
However, fewer branches, many more branch misses