

Shared Memory		File Sharing		Shared Memory		File Sharing	
Read Elapsed (ms)	Write Elapsed (ms)	Read Elapsed (ms)	Write Elapsed (ms)	Read Elapsed (ns)	Write Elapsed (ns)	Read Elapsed (ns)	Write Elapsed (ns)
0	0	0	1	222707	195675	293851	976241
323	0	0	1	177806949	140676	3026327	568381
0	0	0	1	679785	62656	728326	599630
0	0	0	3	273227	49166	777910	452340
0	0	0	0	93645	39218	688327	470881
0	0	0	0	96093	38958	757754	518016
0	0	4	0	92759	38698	655723	534787
0	0	0	1	102499	39114	705150	592078
0	0	0	0	501870	65833	756816	442184
0	0	1	0	111353	40104	662025	428538
0	0	0	1	103072	39427	579213	406403
0	0	0	3	93905	39270	586766	400465
0	0	0	0	93385	39739	809159	720983
1	0	0	0	93333	40103	1505560	972856
0	0	0	0	93385	40052	5769062	1250666
0	0	1	0	93228	279528	1537903	1260822
0	0	0	1	461142	52968	1420612	515152
0	0	0	0	103332	41302	604109	322862
0	0	0	0	93437	40364	527704	351403
0	0	0	0	93124	42187	526141	407652
0	0	0	0	93541	529630	528173	390152
0	0	2	1	102551	42240	524787	385778
0	0	0	0	93488	40156	5771094	744160
1	0	0	0	93697	39687	644474	348694
0	0	0	0	93229	40624	553589	390778
0	0	0	2	93541	40104	572547	379371
0	0	0	0	93645	700097	551923	352028
0	0	1	0	107916	41926	562911	366768
0	0	0	0	103593	39948	442704	331143
0	0	0	0	93176	40052	459527	316456
0	0	0	1	103176	39843	459891	314737
0	0	0	0	93072	39687	488746	322966
0	0	1	0	93229	40155	425673	330362
0	0	0	2	100520	40312	644473	386976
0	0	0	5	586609	59375	539578	530464
0	0	1	0	96041	43124	5925259	1203948

0	0		0	1		93645	40625		698900	806764
0	0		0	0		967386	63593		1854150	529786
0	0		1	0		105520	43333		3035650	414267
0	0		0	1		103593	42187		503850	319424
0	0		0	0		103280	39948		452444	339372
0	0		1	0		103124	39895		538797	350622
0	0		4	0		93541	40000		476975	322341
0	0		1	0		672077	60051		552547	785722
0	0		0	1		104426	41979		922075	843430
0	0		0	0		93645	40208		2873777	2440811
0	0		0	0		103801	40104		434840	828742
0	0		0	1		92968	40676		4202254	1301187
0	0		0	1		93645	39792		586817	361195
0	0		0	0		93124	39531		485048	319320
0	0		3	1		93592	39896		487235	323018
0	0		0	0		669889	58750		542912	361923
0	0		1	0		104738	41667		562131	320257
0	0		0	0		103019	41510		485986	319216
0	0		0	0		92916	40521		611400	358695
0	0		0	0		93072	40624		548224	823795
0	0		0	0		654890	62760		1994201	841867
0	0		0	0		104895	41770		2947578	1629881
0	0		0	0		93280	40729		482131	1718527
0	0		0	1		103228	40625		482808	553172
0	0		0	4		93228	39739		232029	148697
0	0		1	0		93385	39948		197081	151405
0	0		0	0		709368	59270		227602	158176
0	0		0	0		116926	41614		236248	205415
0	0		0	1		103593	40416		229945	144739
0	0		0	0		99791	41406		239737	140259
0	0		0	0		103436	42604		230363	149009
0	0		0	1		93489	40364		214581	134999
0	0		0	0		93332	42396		200884	147446
0	0		0	0		574734	66510		217550	174113
0	0		0	0		115155	41093		272758	329425
0	0		0	0		93385	42239		1887535	442808
0	0		0	2		93384	40469		3466584	523016
0	0		0	3		93228	40260		2072794	1691339

0	0		0	0		93280	40677		497808	179321
0	0		0	0		597599	62759		215363	156196
0	0		1	0		104895	41146		233071	138801
0	0		0	1		103488	1157958		221977	136509
0	0		0	1		119738	49375		218227	175363
0	0		0	1		103697	41979		225207	179842
0	0		1	0		93853	40104		304997	165363
0	0		0	0		93332	40469		286248	563641
0	0		0	0		93176	40729		1581912	997127
0	0		0	2		93124	40312		1437070	555568
0	0		0	0		591765	64687		1473112	1794203
0	0		0	0		105468	41145		472027	1046605
0	0		0	0		93593	40468		1129625	412080
0	0		0	0		93645	40677		543485	158227
0	0		0	0		93228	40573		204790	141665
0	0		1	0		93540	40156		227811	160259
0	0		0	0		93176	82604		220050	161249
0	0		0	0		103905	40104		271872	176613
0	0		0	0		651608	66614		238227	144686
0	0		0	0		104843	41562		222863	132290
0	0		0	0		103385	40416		225519	152395
0	0		0	0		93176	40416		237862	156301
0	0		0	0		92916	40104		217758	181978
0	0		0	0		628640	54895		222550	144999
0	0		2	0		105311	42500		229321	140467
0	0		0	0		103749	40468		237446	142811

17375456	6837646	86978228	47991238
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Analysis	(in nsec)	(in ms)
Sum G5→G102 (Read time of SM)	17375456	17.375456
Sum J5→J102 (Read time of FM)	86978228	86.978228
Read time in FM – Read time in SM	69602772	69.602772

Analysis	(in nsec)	(in ms)
Sum H5→H102 (Write time of SM)	6837646	6.837646
Sum K5→K102 (Write time of FM)	47991238	47.991238
Write time in FM – Write time in SM	41153592	41.153592

#### Points:-

1.) I didn't consider initial two rows data in SUM because shared memory take good amount of time initially for creation and binding.

2.) The Report generated in Raspberry Pi 3 Model B+