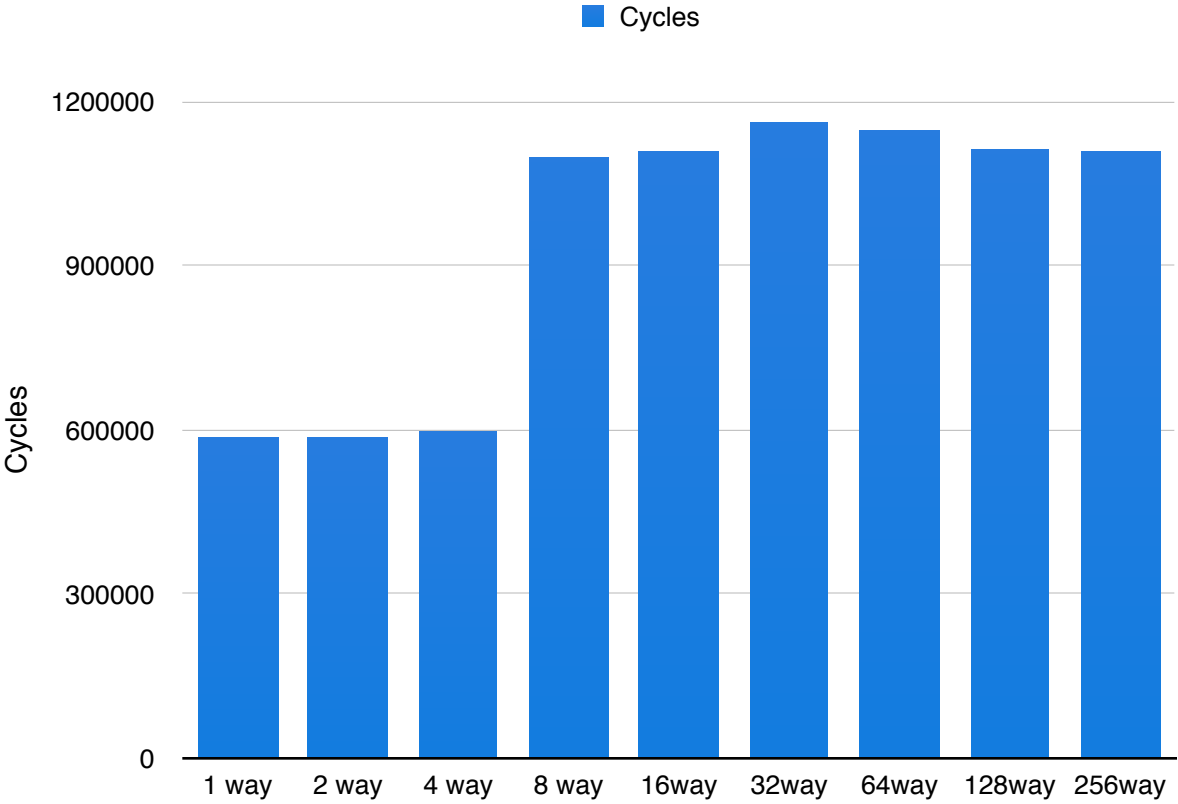
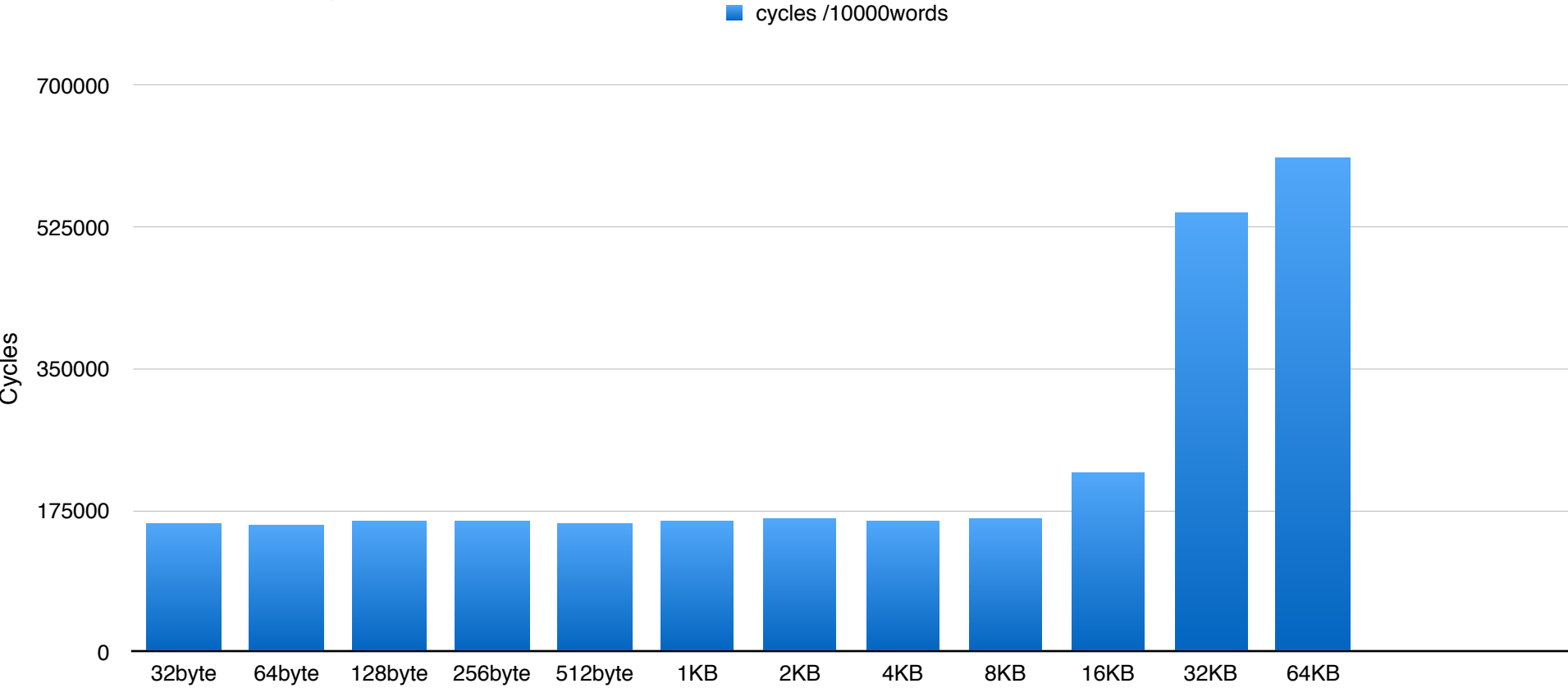


Progs Results					
Raspbian					
N	Prog1(cycles)	Prog2(cycles)	Rate	Prog1-time(seconds)	Prog2-time(seconds)
1	86052575	638242488	7.41689005819989	0.12293225	0.911774982857143
10	754270948	5716711740	7.57912227052924	1.07752992571429	8.16673105714286
100	7548995688	57170727808	7.57328923884265	10.7842795542857	81.6724682971429
1000	75403672572	571707278678	7.58195535014689	107.719532245714	816.724683825714
10000	754036712572	5717072728678	7.58195540529746	1077.19530367429	8167.24675525429
BareMetal					
N	Prog1(us)	Prog2(us)	Rate	Prog1-time(s)	Prog2-time(s)
1	471933	731286	1.54955470373973	0.471933	0.731286
10	4719077	7313289	1.54972868635117	4.719077	7.313289
100	47191866	73135523	1.54974848843655	47.191866	73.135523
1000	471948079	731366250	1.54967523450816	471.948079	731.36625
10000	4719029407	7313763204	1.54984480349944	4719.029407	7313.763204
Qemu on Raspbian					
N	Prog1(us)	Prog2(us)	Rate	Prog1-time(s)	Prog2-time(s)
1	714371	23337347	32.6683851948077	0.714371	23.337347
10	7137623	253061854	35.4546400111073	7.137623	253.061854
100	71319970	2453907323	34.4070156367144	71.31997	2453.907323
1000	713208763	25207861397	35.3442956743368	713.208763	25207.861397
10000	7131148027	232378905374	32.5864649694783	7131.148027	232378.905374

associativities results	
Assumed Associativities	Cycles
1 way	585386
2 way	584460
4 way	597684
8 way	1096297
16way	1106243
32way	1162291
64way	1148876
128way	1112991
256way	1108761



cache size results	
assumed cache Size	cycles /10000words
32byte	159520
64byte	155247
128byte	161921
256byte	162921
512byte	159256
1KB	163030
2KB	164998
4KB	162225
8KB	165287
16KB	220746
32KB	543114
64KB	610444



Block Size Results							
	4 bytes	8 bytes	16 bytes	32 bytes	64 bytes	128 bytes	256 bytes
Experiment 1	23460	30824	45351	76195	77979	151214	81918
Experiment 2	23331	40224	45585	78217	79961	82389	81700
Experiment 3	24790	39585	46530	78701	79382	82046	82112
Experiment 4	23516	41710	48367	131787	79046	82230	82165
Experiment 5	23687	41470	47274	79662	78724	81481	81815
Experiment 6	23758	39915	48382	79418	78674	82275	81784
Experiment 7	25050	84173	48716	80342	78615	81437	82305
Experiment 8	23728	39653	47924	80163	79409	80992	82045
Experiment 9	23626	42332	46263	78575	79743	82011	82585
Experiment 10	25854	40209	47003	78065	78603	81908	80938
Experiment 11	25051	40187	46454	77895	79002	82297	82409
Experiment 12	23844	40307	48622	80029	78726	82490	81518
Experiment 13	23331	40876	46473	78948	78156	81908	82216
Experiment 14	45546	33521	47934	79779	138566	93508	82199
Experiment 15	23519	40268	48273	78979	79413	82502	80272
Experiment 16	23779	41453	46806	77979	79712	82047	81663
Experiment 17	25094	40412	92702	79561	79371	81933	82585
Experiment 18	23597	41439	48097	80158	78863	82341	80616
Experiment 19	24930	39751	45446	77740	79531	81977	81624
Experiment 20	23642	41386	48050	79304	79791	83109	80624
Experiment 21	23608	41501	47073	79939	79077	81468	81927
Experiment 22	23798	63525	71385	78116	78664	158253	82442
Experiment 23	23696	41599	47008	80070	79869	82367	82037
Experiment 24	25206	40518	46451	79600	78497	82220	81733
Experiment 25	23441	39557	48249	79419	79444	82299	82468
Experiment 26	23427	41397	48582	79774	79079	82798	81768
Experiment 27	23541	39753	48389	79211	78578	81893	105873
Experiment 28	31502	33067	104574	79807	78914	82317	81940
Experiment 29	23684	39986	48202	78956	78481	82277	82027
Experiment 30	23746	40098	48478	79917	78640	82986	81921
Experiment 31	23519	41621	48003	78754	79360	82221	81686
Experiment 32	24983	39818	46436	79264	79609	82143	80014
Experiment 33	23745	40999	46390	79886	79351	82305	82518
Experiment 34	24745	40058	46730	78860	79197	81895	82218
Experiment 35	50043	33324	48199	79217	79505	93756	82848
Experiment 36	23796	41263	48283	80252	78953	81798	80062
Experiment 37	25008	39675	45830	76823	79646	81843	81941
Experiment 38	23701	40941	48162	79969	79405	82549	82344
Experiment 39	25297	32852	47028	80252	78609	82018	81529
Experiment 40	23600	39432	48353	79373	78534	81823	80756
Experiment 41	23759	40949	47110	78198	79040	81966	81524
Experiment 42	23906	41663	48405	79518	79017	81648	82218
Experiment 43	23477	40215	48048	79116	79328	138092	80244
Experiment 44	23483	41069	46574	79810	79247	82469	82022
Experiment 45	25127	39977	46935	80983	78833	81818	82414
Experiment 46	24909	39534	46968	78968	80039	82046	82120
Experiment 47	23695	40165	48201	79276	78640	82403	81974
Experiment 48	23763	40489	47624	78999	78813	82647	82104
Experiment 49	23611	31186	46295	203597	78376	79555	82300
Experiment 50	23482	41041	47865	79275	79113	82201	82017
Experiment 51	25196	39638	46902	79239	78853	82148	80334
Experiment 52	23732	40538	48036	78973	78881	82325	82489
Experiment 53	23759	40185	48176	79374	78831	82378	81793
Experiment 54	23687	41321	46613	79443	79192	81859	80661
Experiment 55	23435	41344	47487	78116	78668	82193	81157
Experiment 56	23711	41237	47158	79001	79054	82467	81871
Experiment 57	25185	40535	46795	128186	78716	148854	82585
Experiment 58	23732	40058	47683	79060	78937	82073	82741
Experiment 59	23874	41184	48610	79107	78858	82436	82092
Experiment 60	23762	41778	48254	131648	78665	82126	80485
Experiment 61	23581	40691	46608	78341	78612	81588	82128
Experiment 62	23608	41456	46285	78984	78421	82532	82193
Experiment 63	25381	40378	46618	77721	79219	82759	82426
Experiment 64	23594	41404	47532	78533	79135	82339	81736
Experiment 65	24912	40092	47436	78050	79346	81747	81590
Experiment 66	23594	41862	47554	79113	78567	82126	82624
Experiment 67	23505	40893	46406	80071	79021	82383	80188
Experiment 68	23556	41901	46263	79225	78965	82490	82249
Experiment 69	24023	40204	48265	80306	78682	82228	80350
Experiment 70	23908	64900	70845	131813	78436	93939	79791
Experiment 71	24989	39694	46960	77604	78139	82005	81842
Experiment 72	23753	41266	48019	80263	79009	82196	129721
Experiment 73	32314	31466	55422	77085	77612	81891	120960
Experiment 74	32653	32463	55604	78683	78790	82969	82627
Experiment 75	23656	41439	47784	79544	78508	82266	82143
Experiment 76	23720	39992	48368	79100	78534	82394	82347
Experiment 77	23766	41366	47546	79384	79233	82392	82804
Experiment 78	25001	40241	46854	79706	79613	116630	80101
Experiment 79	23413	40630	46577	79827	79597	82120	81605
Experiment 80	23532	41145	48629	78635	78503	81930	82750
Experiment 81	23516	41573	48193	79443	78729	82713	81479
Experiment 82	23634	40154	47882	78609	78640	82703	82599
Experiment 83	23972	41274	48050	79567	78657	81806	81146
Experiment 84	23706	78977	48012	78931	79778	96476	82271
Experiment 85	23687	39518	47762	80042	79272	80936	81459
Experiment 86	23575	39885	48423	78866	79172	82156	126081
Experiment 87	31599	32998	57545	80101	78875	81597	82145
Experiment 88	23738	41004	47927	78568	78833	81285	82557
Experiment 89	24908	39994	46978	79698	77203	80211	82153
Experiment 90	23961	41050	48282	79767	79528	82148	81809
Experiment 91	23785	40103	47386	78439	189896	92853	81224
Experiment 92	23560	41143	74163	150341	79328	94585	82132
Experiment 93	23575	41002	47766	79388	78766	80594	83249
Experiment 94	23560	40431	47721	79354	79634	82517	82252
Experiment 95	23695	41036	46115	79146	79765	81454	82605
Experiment 96	24074	41494	47655	79645	79846	82476	82579
Experiment 97	23756	42203	47647	79620	79344	82171	81860
Experiment 98	25011	40719	47037	152647	79721	94874	82411
Experiment 99	23819	41228	47910	79407	79174	82564	82025
Experiment 100	23740	41357	47829	78542	79642	82064	82213
Average Cycles	24778.34	41254.11	49476.54	83909.52	80715.25	85961.35	83387.14

4 bytes8 bytes16 bytes32 bytes64 bytes128 bytes256 bytes

