

/proc/cpuinfo Intel(R) Core(TM) i7-7700HQ CPU @ 2.80GHz
cache size : 6144 KB

Antonio Jesus Heredia Castillo

Parity

gcc -m32 -O3 parity.c -o parity

for ((i=0;i<11;i++));do echo \$i; ./parity; done | pr -11 -l 20 -w 80

Hacemos 11 mediciones porque la primera siempre sale mal

Optimizacion 0	0	1	2	3	4	5	6	7	8	9	10	media
parity1	71072	68097	68148	68131	68196	67982	69621	70905	69070	69172	70417	68966,6787893465
parity2	37491	35977	36794	37620	36059	35162	35980	36543	37469	37521	35879	36491,8615400736
parity3	35889	32058	31976	34576	36688	34900	32656	35261	33517	32647	33327	33729,0960862464
parity4	9184	9376	9199	9399	9532	9378	9393	9486	9433	9507	10060	9473,9543572582
parity5	9853	9909	9846	9875	9853	9832	10943	9948	10020	10731	10072	10096,0918422524
parity6	2328	2280	2316	2308	2331	2374	2629	2349	2315	2762	2342	2396,0547406374
Optimizacion 1	0	1	2	3	4	5	6	7	8	9	10	
parity1	14773	12361	12283	12251	11897	11710	11696	11713	11766	11670	11786	11910,4880978301
parity2	12151	11643	14329	10823	11164	10207	9766	11124	11159	13164	11089	11379,4942732071
parity3	7286	10292	6818	6892	6546	6519	6463	6535	9816	9745	6464	7467,1633403435
parity4	6227	6416	6216	6259	5967	6324	5974	5929	6085	5927	5965	6103,7689246062
parity5	4789	4641	4643	4673	4487	4462	4480	4429	4475	4467	4427	4517,5127576149
parity6	789	734	736	731	758	701	696	705	733	694	695	717,9802667874
Optimizacion 2	0	1	2	3	4	5	6	7	8	9	10	
parity1	14723	12072	12043	11855	11734	11895	11826	11738	12411	11848	12201	11960,5327061201
parity2	8492	8125	7694	7384	7236	7365	7188	7148	7667	7242	7631	7462,4195102472
parity3	7260	6837	6736	6407	6474	6549	6476	6448	6576	6216	6662	6535,9382065311
parity4	7165	7073	6700	6361	6787	6577	6279	6649	6541	7029	7398	6731,6393165334
parity5	3793	3735	3765	3795	3724	3970	3780	3648	3727	3729	3682	3754,611219537
parity6		994	706	763	759	700	715	701	703	760	702	703 720,7347250684

Parity	-O0	-O1	-O2
parity1	68966,6788	11910,4881	11960,533
parity2	36491,8615	11379,4943	7462,4195
parity3	33729,0961	7467,16334	6535,9382
parity4	9473,95436	6103,76892	6731,6393
parity5	10096,0918	4517,51276	3754,6112
parity6	2396,05474	717,980267	720,73473

