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gobmk-Lli-small          Simulation Results

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Number of reference types:

Number of reads	=	1922316435	[19.22%]
Number of writes	=	915303047	[9.15%]
Number of inst	=	7162380518	[71.62%]
Total	=	10000000000	

Total cycles for all activities:

Cycles for reads	=	19646223306	[23.91%]
Cycles for writes	=	14884871989	[18.12%]
Cycles for inst	=	47633738421	[57.97%]
Total time	=	82164833716	

Average cycles per activity:

Read	=	10.22
Write	=	16.26
Inst	=	6.65

Ideal: Exec. Time = 17162380518; CPI = 2.4

Ideal mis-aligned: Exec. Time = 25198023284; CPI = 3.52

Memory level: Lli

Hits	=	11581007415	[95.14%]
Misses	=	592205018	[4.86%]
Total	=	12173212433	

Kickouts = 592204890, Dirty kickouts = 0, Transfers = 592205018

Memory level: Lld

Hits	=	3818513808	[94.71%]
Misses	=	213310431	[5.29%]
Total	=	4031824239	

Kickouts = 213310175, Dirty kickouts = 118587278, Transfers = 213310431

Memory level: L2

Hits	=	655508270	[70.93%]
Misses	=	268594457	[29.07%]
Total	=	924102727	

Kickouts = 268593945, Dirty kickouts = 69232540, Transfers = 268594457

Cost analysis:

Lli cache cost	=	\$100
Lld cache cost	=	\$200
L2 cache cost	=	\$50
Memory cost	=	\$75
Total cost	=	\$425