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sjeng-L2-Big      Simulation Results

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Number of reference types:

Number of reads	=	1892411647	[18.92%]
Number of writes	=	751653128	[7.52%]
Number of inst	=	7355935225	[73.56%]
Total	=	10000000000	

Total cycles for all activities:

Cycles for reads	=	8246650988	[21.86%]
Cycles for writes	=	8075076680	[21.41%]
Cycles for inst	=	21396288609	[56.73%]
Total time	=	37718016277	

Average cycles per activity:

Read	=	4.36
Write	=	10.74
Inst	=	2.91

Ideal: Exec. Time = 17355935225; CPI = 2.36

Ideal mis-aligned: Exec. Time = 24792861569; CPI = 3.37

Memory level: L1i

Hits	=	12325337739	[98.25%]
Misses	=	219027066	[1.75%]
Total	=	12544364805	

Kickouts = 219026810, Dirty kickouts = 0, Transfers = 219027066

Memory level: L1d

Hits	=	3258299627	[96.14%]
Misses	=	130955656	[3.86%]
Total	=	3389255283	

Kickouts = 130955400, Dirty kickouts = 68155533, Transfers = 130955656

Memory level: L2

Hits	=	345209116	[82.56%]
Misses	=	72929139	[17.44%]
Total	=	418138255	

Kickouts = 72928115, Dirty kickouts = 25232504, Transfers = 72929139

Cost analysis:

L1i cache cost	=	\$400
L1d cache cost	=	\$400
L2 cache cost	=	\$100
Memory cost	=	\$75
Total cost	=	\$975