
sjeng-defaults Simulation Results

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	=	14199767107	[27.61%]
Cycles for writes	=	9870999338	[19.20%]
Cycles for inst	=	27353035169	[53.19%]
Total time	=	51423801614	

Average cycles per activity:

Read	=	7.50
Write	=	13.13
Inst	=	3.72

Ideal: Exec. Time = 17355935225; CPI = 2.36

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

Memory level: L1i

Hits	=	12312377087	[98.15%]
Misses	=	231987718	[1.85%]
Total	=	12544364805	

Kickouts = 231987462, Dirty kickouts = 0, Transfers = 231987718

Memory level: L1d

Hits	=	3191666517	[94.17%]
Misses	=	197588766	[5.83%]
Total	=	3389255283	

Kickouts = 197588510, Dirty kickouts = 89091858, Transfers = 197588766

Memory level: L2

Hits	=	377266166	[72.74%]
Misses	=	141402176	[27.26%]
Total	=	518668342	

Kickouts = 141401664, Dirty kickouts = 37969437, Transfers = 141402176

Cost analysis:

L1i cache cost	=	\$200
L1d cache cost	=	\$200
L2 cache cost	=	\$50
Memory cost	=	\$75
Total cost	=	\$525