
sjeng-All-FA 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	=	6396180212	[18.97%]
Cycles for writes	=	7411519539	[21.98%]
Cycles for inst	=	19917359973	[59.06%]
Total time	=	33725059724	

Average cycles per activity:

Read	=	3.38
Write	=	9.86
Inst	=	2.71

Ideal: Exec. Time = 17355935225; CPI = 2.36

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

Memory level: L1i

Hits	=	12299225417	[98.05%]
Misses	=	245139388	[1.95%]
Total	=	12544364805	
Kickouts	=	245139132, Dirty kickouts = 0, Transfers = 245139388	

Memory level: L1d

Hits	=	3309920012	[97.66%]
Misses	=	79335271	[2.34%]
Total	=	3389255283	
Kickouts	=	79335015, Dirty kickouts = 50696226, Transfers = 79335271	

Memory level: L2

Hits	=	321413336	[85.67%]
Misses	=	53757549	[14.33%]
Total	=	375170885	
Kickouts	=	53757037, Dirty kickouts = 22378162, Transfers = 53757549	

Cost analysis:

L1i cache cost	=	\$1800
L1d cache cost	=	\$1800
L2 cache cost	=	\$500
Memory cost	=	\$75
Total cost	=	\$4175