
omnetpp-All-4way Simulation Results

Number of reference types:

Number of reads	=	2009285423	[20.09%]
Number of writes	=	1237898222	[12.38%]
Number of inst	=	6752816355	[67.53%]
Total	=	10000000000	

Total cycles for all activities:

Cycles for reads	=	29445020301	[45.56%]
Cycles for writes	=	7075879230	[10.95%]
Cycles for inst	=	28104895749	[43.49%]
Total time	=	64625795280	

Average cycles per activity:

Read	=	14.65
Write	=	5.72
Inst	=	4.16

Ideal: Exec. Time = 16752816355; CPI = 2.48

Ideal mis-aligned: Exec. Time = 26618750504; CPI = 3.94

Memory level: L1i

Hits	=	11176886229	[97.52%]
Misses	=	284359860	[2.48%]
Total	=	11461246089	
Kickouts	=	284359604, Dirty kickouts = 0, Transfers = 284359860	

Memory level: L1d

Hits	=	5710864475	[96.32%]
Misses	=	218027141	[3.68%]
Total	=	5928891616	
Kickouts	=	218026885, Dirty kickouts = 85447461, Transfers = 218027141	

Memory level: L2

Hits	=	387962332	[66.00%]
Misses	=	199872130	[34.00%]
Total	=	587834462	
Kickouts	=	199871618, Dirty kickouts = 51135782, Transfers = 199872130	

Cost analysis:

L1i cache cost	=	\$600
L1d cache cost	=	\$600
L2 cache cost	=	\$150
Memory cost	=	\$75
Total cost	=	\$1425