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omnetpp-L1-small Simulation Results
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Number of reference types:
  Number of reads = 2009285423 [20.09%]
 Number of reads - 2002201212

Number of writes = 1237898222 [12.38%]

Number of inst = 6752816355 [67.53%]

Total = 10000000000
Total cycles for all activities:
  Cycles for reads = 50670291246 [44.33%]
  Cycles for writes = 10804636869 [9.45%]
  Cycles for inst = 52822645763 [46.22%]
  Total time = 114297573878
Average cycles per activity:
 Read = 25.22
  Write = 8.73
  Inst = 7.82
Ideal: Exec. Time = 16752816355; CPI = 2.48
Ideal mis-aligned: Exec. Time = 26618750504; CPI = 3.94
Memory level: L1i
 Hits = 10791448034 [94.16%]
 Misses = 669798055 [5.84%]
Total = 11461246089
 Kickouts = 669797927, Dirty kickouts = 0, Transfers = 669798055
Memory level: L1d
 Hits = 5423480899 [91.48%]
  Misses = 505410717 [8.52%]
  Total = 5928891616
 Kickouts = 505410589, Dirty kickouts = 217210609, Transfers = 505410717
Memory level: L2
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Kickouts = 400302556, Dirty kickouts = 91544599, Transfers = 400303068

Hits = 992116313 [71.25%] Misses = 400303068 [28.75%]

Total = 1392419381

L1i cache cost = \$100 L1d cache cost = \$100 L2 cache cost = \$50 Memory cost = \$75 Total cost = \$325

Cost analysis: