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omnetpp-mem64_All-2way Simulation Results
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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 = 23694390148 [41.69%]
  Cycles for writes = 5998258184 [10.55%]
  Cycles for inst = 27143643271 [47.76%]
  Total time = 56836291603
Average cycles per activity:
 Read = 11.79
  Write = 4.85
  Inst = 8.42
Ideal: Exec. Time = 16752816355; CPI = 2.48
Ideal mis-aligned: Exec. Time = 26618750504; CPI = 3.94
 Ideal execution time = 16752816355 [CPI 2.48]
Ideal misaligned time = 24142954060 [CPI 3.58]
Memory level: L1i
  Hits = 11123145966 [97.05%]
           338100123 [2.95%]
  Misses =
  Total = 11461246089
  Kickouts = 338099867, Dirty kickouts = 0, Transfers = 338100123
Memory level: Lld
 Hits = 5669434506 [95.62%]
  Misses = 259457110 [4.38%]
  Total = 5928891616
 Kickouts = 259456854, Dirty kickouts = 105849456, Transfers = 259457110
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Kickouts = 250138277, Dirty kickouts = 60980869, Transfers = 250138789

Memory level: L2

Cost analysis:

Total = 703406689

L1i cache cost = \$400 L1d cache cost = \$400 L2 cache cost = \$100 Memory cost = \$275 Total cost = \$1175

Hits = 453267900 [64.44%] Misses = 250138789 [35.56%]