Configuration: config/l2-big_8

```
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                  Simulation Results
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Memory System:
     D Cache: Size = 8192,   Associativity = 2,   Block size = 32
     I Cache: Size = 8192,   Associativity = 2,   Block size = 32
     L2 Unified Cache: Size = 65536,    Associativity = 1,   Block size = 64
     Main Memory: Ready time = 30,  Chunksize = 8,  Chunktime = 15,
```

Execution Time = 25880886100,   Total Traces Read = 10000000106
Flush time = 894542656
Total time (Execution Time + Flush Time) = 26775428756

Number of Reference Types: [Percentage]
     Reads   =   2689845793   [26.9%]
     Writes =   580065162   [5.8%]
     Inst.   =   6730089151   [67.3%]
     Total   =   10000000106

Total Cycles for Activities: [Percentage]
     Reads   =   9084871688   [35.1%]
     Writes =   2790177665   [10.8%]
     Inst.   =   14005836747   [54.1%]
     Total   =   25880886100

Average Cycles for Activities:
     Reads = 3.4,   Writes = 4.8,   Instructions = 3.8

Ideal: Execution Time = 16730089257;   CPI = 2.5
Ideal Misaligned Execution Time = 21962901365; CPI = 3.3

Memory Level: L1 Instruction Cache
     Hit Count = 11159750424,   Miss Count = 48326464
     Total Requests = 11208076888
     Hit Rate: 99.6%,   Miss Rate = 0.4%
     Kickouts = 44253661,   Dirty-kickouts = 0,   Transfers = 48326464
     Flush Kickouts = 0

Memory Level: L1 Data Cache
     Hit Count = 3940055851,   Miss Count = 84679475
     Total Requests = 4024735326
     Hit Rate: 97.9%,   Miss Rate = 2.1%
     Kickouts = 57836488,   Dirty-kickouts = 20164436,   Transfers = 84679475
     Flush Kickouts = 2218584

Memory Level: L2 Cache
     Hit Count = 110358505,   Miss Count = 45030454
     Total Requests = 155388959
     Hit Rate: 71.0%,   Miss Rate = 29.0%
     Kickouts = 23773032,   Dirty-kickouts = 5635987,   Transfers = 45030454
     Flush Kickouts = 4220738

System Costs:
     L1 Cache Costs (Instruction Cache $400 + Data Cache $400) = $800
     L2 Cache Costs: $100
     Main Memory Costs: $75
     Total Memory Cost: $975

Flushes = 26315, Invalidates = 26372143