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sjeng-Lli-small      Simulation Results

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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  | = | 14970807155 | [26.79%] |
| Cycles for writes | = | 9933734882  | [17.77%] |
| Cycles for inst   | = | 30981863599 | [55.44%] |
| Total time        | = | 55886405636 |          |

Average cycles per activity:

|       |   |       |
|-------|---|-------|
| Read  | = | 7.91  |
| Write | = | 13.22 |
| Inst  | = | 4.21  |

Ideal: Exec. Time = 17355935225; CPI = 2.36

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

Memory level: L1i

|          |   |  |          |
|----------|---|--|----------|
| Hits     | = | 12181186946  | [97.10%] |
| Misses   | = | 363177859  | [2.90%]  |
| Total    | = | 12544364805  |          |
| Kickouts | = | 363177731, Dirty kickouts = 0, Transfers = 363177859 |          |

Memory level: L1d

|          |   |   |          |
|----------|---|---|----------|
| Hits     | = | 3191666517  | [94.17%] |
| Misses   | = | 197588766   | [5.83%]  |
| Total    | = | 3389255283  |          |
| Kickouts | = | 197588510, Dirty kickouts = 89091858, Transfers = 197588766 |          |

Memory level: L2

|          |   |   |          |
|----------|---|---|----------|
| Hits     | = | 495160049   | [76.20%] |
| Misses   | = | 154698434   | [23.80%] |
| Total    | = | 649858483   |          |
| Kickouts | = | 154697922, Dirty kickouts = 38921832, Transfers = 154698434 |          |

Cost analysis:

|                |   |       |
|----------------|---|-------|
| L1i cache cost | = | \$100 |
| L1d cache cost | = | \$200 |
| L2 cache cost  | = | \$50  |
| Memory cost    | = | \$75  |
| Total cost     | = | \$425 |