

| L2 Size | L2 Assoc | Lookahead | Stride | Total Cycles | Speedup | IPC    | Main Thread Hit | Main Thread Miss | L2 Hit Ratio | L2 Evictions | L2 Occupancy Ratio | Helper Thread Hit | Helper Thread Miss | Redundant MSHR | Redundant Cache | Timely  | Late | Bad   | Ugly    |
|---------|----------|-----------|--------|--------------|---------|--------|-----------------|------------------|--------------|--------------|--------------------|-------------------|--------------------|----------------|-----------------|---------|------|-------|---------|
| 96 KB   | 2        | 20        | 10     | 3375728053   | 1.0000  | 0.2960 | 3808745         | 9339129          | 0.1830       | 4490549      | 0.5290             | 214714            | 8570405            | 28156          | 186558          | 3570356 | 6552 | 16219 | 1939057 |
| 96 KB   | 4        | 20        | 10     | 3353819652   | 1.0065  | 0.2980 | 3952682         | 9111809          | 0.1910       | 2851592      | 0.5700             | 206181            | 8457461            | 20359          | 185822          | 3717897 | 4777 | 21284 | 1351399 |
| 96 KB   | 8        | 20        | 10     | 3323736491   | 1.0156  | 0.2990 | 4105024         | 8920817          | 0.2000       | 1573304      | 0.6070             | 198931            | 8329835            | 11237          | 187694          | 3870340 | 6640 | 12663 | 862381  |
| 96 KB   | 16       | 20        | 10     | 3277232422   | 1.0301  | 0.3030 | 4215025         | 8749887          | 0.2060       | 51654        | 0.6440             | 192352            | 8225356            | 443            | 191909          | 3984572 | 4566 | 30    | 3500    |
| 96 KB   | 32       | 20        | 10     | 3276663422   | 1.0302  | 0.3030 | 4214238         | 8740076          | 0.2060       | 695          | 0.6460             | 191949            | 8220386            | 350            | 191599          | 3983459 | 4459 | 4     | 63      |