

| 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   | 8        | 10        | 10     | 3308882518   | 1.0000  | 0.2900 | 4932346         | 8090265          | 0.2380       | 2011591      | 0.5940             | 198554            | 8333553            | 34937          | 163617          | 4078282 | 647843 | 16499 | 1050437 |
| 96 KB   | 8        | 20        | 10     | 3323736491   | 0.9955  | 0.2990 | 4105024         | 8920817          | 0.2000       | 1573304      | 0.6070             | 198931            | 8329835            | 11237          | 187694          | 3870340 | 6640   | 12663 | 862381  |
| 96 KB   | 8        | 40        | 10     | 3421415491   | 0.9671  | 0.3130 | 3604516         | 9434888          | 0.1770       | 498321       | 0.6520             | 244536            | 8510130            | 29528          | 215008          | 3325803 | 795    | 1234  | 239299  |
| 96 KB   | 8        | 80        | 10     | 3792510468   | 0.8725  | 0.3290 | 2046990         | 11098220         | 0.1050       | 458832       | 0.6420             | 354874            | 9275048            | 611            | 354263          | 1655855 | 666    | 1325  | 202484  |
| 96 KB   | 8        | 160       | 10     | 3873970468   | 0.8541  | 0.4050 | 1806974         | 11473997         | 0.1030       | 416051       | 0.6060             | 503204            | 8563787            | 500            | 502704          | 1251185 | 517    | 1123  | 187105  |
| 96 KB   | 8        | 320       | 10     | 3946818491   | 0.8384  | 0.5400 | 1663575         | 11815447         | 0.1120       | 336476       | 0.5860             | 718899            | 7048227            | 358            | 718541          | 852031  | 403    | 1396  | 151676  |