

| L2 Size | L2 Assoc | L2 Repl | 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 | Helper Thread Accuracy | Helper Thread Coverage | Redundant MSHR | Redundant Cache | Time ly | Late | Bad | Ugly  |
|---------|----------|---------|-----------|--------|--------------|---------|--------|-----------------|------------------|--------------|--------------|--------------------|-------------------|--------------------|------------------------|------------------------|----------------|-----------------|---------|------|-----|-------|
| 96 KB   | 8        | LRU     | 640       | 5      | 3999191468   | 1.0000  | 0.8120 | 1630259         | 12068215         | 0.1400       | 233207       | 0.5640             | 938217            | 3748644            | 0.04                   | 0.108                  | 201            | 938016          | 505707  | 166  | 884 | 93879 |
| 96 KB   | 8        | LRU     | 640       | 20     | 3998595468   | 1.0001  | 0.7180 | 1560554         | 12063012         | 0.1250       | 217365       | 0.5640             | 863125            | 4926215            | 0.042                  | 0.091                  | 263            | 862862          | 525097  | 256  | 864 | 86240 |
| 96 KB   | 8        | LRU     | 640       | 40     | 3999976468   | 0.9998  | 0.6920 | 1534782         | 12068553         | 0.1210       | 212489       | 0.5640             | 842997            | 5250382            | 0.043                  | 0.088                  | 317            | 842680          | 538050  | 327  | 734 | 82223 |
| 96 KB   | 8        | LRU     | 640       | 80     | 4003412468   | 0.9989  | 0.6760 | 1509865         | 12081787         | 0.1180       | 212548       | 0.5640             | 830173            | 5447350            | 0.042                  | 0.084                  | 274            | 829899          | 529759  | 319  | 737 | 82176 |
| 96 KB   | 8        | LRU     | 640       | 320    | 4009253468   | 0.9975  | 0.6610 | 1477359         | 12103103         | 0.1140       | 219777       | 0.5640             | 815490            | 5650022            | 0.041                  | 0.08                   | 279            | 815211          | 514638  | 292  | 892 | 88366 |