| MEDIAN of duration | | | | | | | prefetch | matches | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 0 | | | | | | 32 | | | | | | | | | |
| caching | test | scan_type | build | machine | dataset | rows | 1 | 10 | 100 | 1000 | 10000 | 100000 | 1 | 10 | 100 | 1000 | 10000 | 100000 | 1 | 10 | 100 | 1000 | 10000 | 100000 |
| cached | btree | bitmapscan | master | i5 | cycle | 1000000 | 7.2 | 7.2 | 7.4 | 8.8 | 22.9 | 98.1 | 7.1 | 7.1 | 7.4 | 8.9 | 23.7 | 104.4 | 99% | 99% | 100% | 101% | 104% | 106% |
| | | | | | | 10000000 | 7.2 | 7.1 | 7.3 | 8.9 | 22.8 | 176.4 | 7.1 | 7.2 | 7.3 | 9.0 | 23.8 | 185.9 | 99% | 100% | 100% | 101% | 104% | 105% |
| | | | | | | 50000000 | 7.2 | 7.3 | 7.5 | 9.1 | 22.8 | 168.4 | 7.2 | 7.2 | 7.3 | 9.2 | 23.7 | 178.9 | 100% | 99% | 97% | 102% | 104% | 106% |
| | | | | | random | 1000000 | 7.1 | 7.2 | 7.4 | 9.0 | 21.3 | 95.0 | 7.1 | 7.2 | 7.5 | 9.1 | 22.6 | 102.3 | 101% | 100% | 100% | 101% | 106% | 108% |
| | | | | | | 10000000 | 7.1 | 7.3 | 7.3 | 9.0 | 22.8 | 153.2 | 7.3 | 7.2 | 7.4 | 9.0 | 23.6 | 164.7 | 102% | 99% | 101% | 101% | 103% | 108% |
| | | | | | | 50000000 | 7.0 | 7.3 | 7.5 | 9.0 | 22.8 | 163.6 | 7.2 | 7.2 | 7.4 | 9.2 | 23.9 | 174.8 | 102% | 100% | 98% | 102% | 105% | 107% |
| | | | | | sequential | 1000000 | 7.3 | 7.2 | 7.2 | 7.7 | 11.9 | 53.4 | 7.2 | 7.1 | 7.3 | 7.7 | 12.0 | 54.1 | 98% | 98% | 101% | 100% | 101% | 101% |
| | | | | | | 10000000 | 7.2 | 7.2 | 7.2 | 7.7 | 11.9 | 53.8 | 7.1 | 7.2 | 7.2 | 7.8 | 12.0 | 54.4 | 99% | 100% | 100% | 100% | 101% | 101% |
| | | | | | | 50000000 | 7.1 | 7.2 | 7.2 | 7.9 | 11.9 | 53.8 | 7.2 | 7.2 | 7.3 | 7.7 | 12.1 | 54.5 | 101% | 101% | 101% | 98% | 101% | 101% |
| | | | | xeon | cycle | 1000000 | 9.1 | 9.1 | 9.5 | 10.8 | 25.0 | 123.7 | 9.5 | 9.3 | 9.3 | 11.3 | 26.8 | 132.7 | 103% | 102% | 97% | 105% | 107% | 107% |
| | | | | | | 10000000 | 8.8 | 9.3 | 9.0 | 11.7 | 29.9 | 200.2 | 9.0 | 9.1 | 9.2 | 11.4 | 26.9 | 227.7 | 103% | 98% | 103% | 98% | 90% | 114% |
| | | | | | | 100000000 | 8.8 | 9.5 | 9.0 | 11.5 | 27.0 | 203.9 | 8.8 | 9.0 | 9.0 | 9.9 | 27.3 | 214.1 | 100% | 94% | 100% | 86% | 101% | 105% |
| | | | | | random | 1000000 | 8.8 | 8.7 | 9.0 | 10.8 | 25.1 | 109.3 | 9.1 | 9.2 | 9.4 | 10.1 | 25.6 | 126.3 | 104% | 106% | 103% | 94% | 102% | 115% |
| | | | | | | 10000000 | 8.7 | 9.0 | 8.5 | 10.5 | 26.3 | 185.2 | 8.9 | 9.5 | 8.7 | 10.8 | 26.5 | 202.3 | 102% | 106% | 102% | 103% | 101% | 109% |
| | | | | | | 100000000 | 8.6 | 9.1 | 9.0 | 10.8 | 28.7 | 199.1 | 9.0 | 8.7 | 9.1 | 10.6 | 27.3 | 213.7 | 104% | 96% | 102% | 98% | 95% | 107% |
| | | | | | sequential | 1000000 | 9.3 | 9.8 | 9.3 | 9.7 | 15.4 | 65.5 | 9.0 | 9.3 | 9.3 | 10.3 | 14.6 | 66.1 | 97% | 95% | 100% | 106% | 95% | 101% |
| | | | | | | 10000000 | 9.0 | 8.8 | 9.2 | 9.6 | 14.5 | 65.5 | 9.2 | 8.8 | 9.2 | 9.3 | 15.0 | 66.3 | 102% | 100% | 101% | 96% | 103% | 101% |
| | | | | | | 100000000 | 9.3 | 9.9 | 8.8 | 9.6 | 14.3 | 65.6 | 9.4 | 9.5 | 9.4 | 9.2 | 14.5 | 66.4 | 101% | 97% | 106% | 96% | 101% | 101% |
| | | | patched | i5 | cycle | 1000000 | 7.1 | 7.2 | 7.4 | 8.8 | 22.6 | 96.7 | 7.1 | 7.2 | 7.3 | 9.0 | 23.4 | 103.5 | 101% | 101% | 99% | 101% | 104% | 107% |
| | | | | | | 10000000 | 7.2 | 7.2 | 7.3 | 8.9 | 22.7 | 174.3 | 7.1 | 7.2 | 7.4 | 8.9 | 23.4 | 174.6 | 99% | 99% | 101% | 100% | 103% | 100% |
| | | | | | | 50000000 | 7.2 | 7.2 | 7.3 | 9.1 | 22.6 | 164.8 | 7.1 | 7.2 | 7.4 | 9.3 | 23.4 | 175.2 | 100% | 100% | 101% | 102% | 103% | 106% |
| | | | | | random | 1000000 | 7.0 | 7.1 | 7.3 | 8.9 | 21.2 | 94.6 | 7.1 | 7.2 | 7.4 | 9.1 | 22.5 | 101.1 | 102% | 101% | 101% | 102% | 106% | 107% |
| | | | | | | 10000000 | 7.1 | 7.2 | 7.4 | 8.8 | 22.4 | 151.9 | 7.1 | 7.2 | 7.4 | 8.9 | 23.4 | 163.6 | 99% | 101% | 100% | 101% | 104% | 108% |
| | | | | | | 50000000 | 7.1 | 7.1 | 7.4 | 9.1 | 22.4 | 162.4 | 7.2 | 7.2 | 7.4 | 9.2 | 23.6 | 172.4 | 101% | 101% | 100% | 102% | 105% | 106% |
| | | | | | sequential | 1000000 | 7.1 | 7.1 | 7.2 | 7.7 | 12.0 | 53.1 | 7.2 | 7.0 | 7.1 | 7.7 | 12.0 | 53.9 | 101% | 98% | 99% | 101% | 100% | 102% |
| | | | | | | 10000000 | 7.2 | 7.3 | 7.1 | 7.5 | 11.9 | 53.8 | 7.2 | 7.2 | 7.2 | 7.8 | 12.0 | 54.2 | 101% | 99% | 102% | 103% | 101% | 101% |
| | | | | | | 50000000 | 7.1 | 7.1 | 7.3 | 7.7 | 12.0 | 53.6 | 7.2 | 7.2 | 7.3 | 7.6 | 12.0 | 54.5 | 101% | 101% | 100% | 99% | 99% | 102% |
| | | | | xeon | cycle | 1000000 | 9.0 | 9.4 | 8.8 | 11.7 | 25.8 | 123.7 | 9.1 | 9.2 | 9.1 | 11.7 | 27.5 | 132.6 | 101% | 97% | 103% | 100% | 107% | 107% |
| | | | | | | 10000000 | 8.2 | 9.4 | 8.6 | 11.1 | 28.3 | 199.6 | 8.8 | 9.3 | 8.4 | 10.9 | 26.8 | 214.7 | 108% | 98% | 97% | 98% | 95% | 108% |
| | | | | | | 100000000 | 9.4 | 9.3 | 8.9 | 10.7 | 26.7 | 200.7 | 9.3 | 9.4 | 8.4 | 11.0 | 27.6 | 215.9 | 99% | 101% | 94% | 102% | 103% | 108% |
| | | | | | random | 1000000 | 8.9 | 8.6 | 9.3 | 11.6 | 25.2 | 118.3 | 8.9 | 9.1 | 9.2 | 10.0 | 26.2 | 119.3 | 100% | 106% | 99% | 86% | 104% | 101% |
| | | | | | | 10000000 | 9.3 | 9.4 | 8.8 | 10.6 | 27.3 | 172.1 | 9.0 | 9.1 | 8.7 | 10.9 | 27.2 | 201.3 | 97% | 98% | 98% | 102% | 100% | 117% |
| | | | | | | 100000000 | 9.0 | 9.5 | 10.0 | 10.7 | 27.7 | 185.2 | 8.7 | 8.4 | 9.2 | 10.6 | 27.5 | 212.9 | 97% | 89% | 92% | 99% | 100% | 115% |
| | | | | | sequential | 1000000 | 9.2 | 9.2 | 9.4 | 10.0 | 14.7 | 62.6 | 8.9 | 8.9 | 9.4 | 10.0 | 14.6 | 64.6 | 96% | 97% | 101% | 101% | 99% | 103% |
| | | | | | | 10000000 | 9.0 | 8.9 | 9.3 | 9.6 | 15.5 | 64.7 | 9.2 | 9.3 | 9.2 | 9.7 | 14.2 | 65.6 | 101% | 105% | 99% | 101% | 91% | 101% |
| | | | | | | 100000000 | 9.5 | 9.3 | 9.5 | 9.4 | 14.4 | 66.2 | 9.3 | 9.5 | 9.5 | 9.7 | 14.8 | 66.8 | 98% | 103% | 100% | 103% | 103% | 101% |
| | | indexscan | master | i5 | cycle | 1000000 | 7.1 | 7.2 | 7.4 | 8.6 | 19.6 | 83.8 | 7.2 | 7.2 | 7.4 | 8.5 | 19.4 | 81.7 | 101% | 100% | 101% | 98% | 99% | 97% |
| | | | | | | 10000000 | 7.0 | 7.1 | 7.3 | 8.6 | 19.1 | 119.2 | 7.1 | 7.3 | 7.3 | 8.5 | 19.1 | 119.9 | 101% | 102% | 101% | 98% | 100% | 101% |
| | | | | | | 50000000 | 7.2 | 7.2 | 7.4 | 8.8 | 19.5 | 120.0 | 7.1 | 7.0 | 7.4 | 8.7 | 19.2 | 119.9 | 99% | 98% | 101% | 99% | 99% | 100% |
| | | | | | random | 1000000 | 7.2 | 7.1 | 7.3 | 8.8 | 18.4 | 78.9 | 7.1 | 7.1 | 7.4 | 8.7 | 18.2 | 79.0 | 98% | 100% | 101% | 98% | 99% | 100% |
| | | | | | | 10000000 | 7.2 | 7.2 | 7.5 | 8.7 | 19.4 | 110.4 | 7.1 | 7.1 | 7.3 | 8.4 | 19.3 | 111.1 | 99% | 98% | 97% | 97% | 100% | 101% |
| | | | | | | 50000000 | 7.3 | 7.2 | 7.6 | 8.7 | 19.6 | 118.0 | 7.1 | 7.2 | 7.3 | 8.8 | 19.4 | 118.3 | 98% | 99% | 97% | 101% | 99% | 100% |
| | | | | | sequential | 1000000 | 7.1 | 7.2 | 7.2 | 7.6 | 12.2 | 54.4 | 7.1 | 7.2 | 7.2 | 7.7 | 11.9 | 54.4 | 100% | 101% | 100% | 101% | 98% | 100% |
| | | | | | | 10000000 | 7.1 | 7.0 | 7.2 | 7.8 | 12.2 | 54.6 | 7.1 | 7.1 | 7.2 | 7.8 | 12.1 | 54.5 | 100% | 100% | 99% | 99% | 99% | 100% |
| | | | | | | 50000000 | 7.3 | 7.3 | 7.2 | 7.8 | 12.3 | 54.7 | 7.2 | 7.2 | 7.3 | 7.8 | 12.2 | 54.7 | 99% | 99% | 101% | 100% | 99% | 100% |
| | | | | xeon | cycle | 1000000 | 9.4 | 9.4 | 9.3 | 10.2 | 21.7 | 103.2 | 9.4 | 9.1 | 9.2 | 10.9 | 21.8 | 105.9 | 100% | 97% | 100% | 107% | 100% | 103% |
| | | | | | | 10000000 | 8.7 | 8.9 | 8.6 | 10.7 | 22.7 | 155.1 | 8.8 | 9.1 | 8.8 | 11.3 | 25.2 | 154.2 | 102% | 103% | 103% | 106% | 111% | 99% |
| | | | | | | 100000000 | 8.4 | 8.8 | 9.1 | 11.6 | 22.9 | 158.3 | 8.6 | 9.3 | 9.1 | 9.9 | 23.1 | 157.8 | 102% | 105% | 100% | 86% | 101% | 100% |
| | | | | | random | 1000000 | 8.6 | 8.7 | 9.0 | 10.3 | 21.3 | 95.1 | 9.1 | 9.1 | 9.1 | 9.4 | 21.5 | 97.9 | 105% | 104% | 101% | 91% | 101% | 103% |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10000000 | 8.4 | 8.8 | 8.3 | 10.0 | 22.4 | 144.7 | 9.3 | 9.7 | 8.6 | 10.3 | 21.9 | 144.2 | 111% | 109% | 103% | 103% | 98% | 100% |
| | | | | | | 100000000 | 8.4 | 8.6 | 8.9 | 10.3 | 24.2 | 155.1 | 9.1 | 9.2 | 9.2 | 10.6 | 24.0 | 154.8 | 108% | 108% | 103% | 103% | 99% | 100% |
| | | | | | sequential | 1000000 | 9.4 | 8.9 | 9.4 | 9.4 | 15.1 | 66.2 | 8.9 | 9.1 | 9.6 | 10.2 | 15.6 | 66.4 | 95% | 102% | 102% | 109% | 103% | 100% |
| | | | | | | 10000000 | 9.4 | 8.7 | 8.9 | 9.6 | 14.4 | 66.8 | 9.3 | 8.7 | 8.9 | 9.2 | 15.2 | 67.0 | 99% | 100% | 100% | 95% | 105% | 100% |
| | | | | | | 100000000 | 9.2 | 9.0 | 8.7 | 9.0 | 14.3 | 65.8 | 9.3 | 9.8 | 9.2 | 9.5 | 15.0 | 66.4 | 101% | 109% | 105% | 105% | 105% | 101% |
| | | | patched | i5 | cycle | 1000000 | 7.1 | 7.1 | 7.3 | 8.6 | 19.1 | 80.5 | 7.1 | 7.2 | 7.3 | 8.6 | 20.0 | 82.5 | 99% | 101% | 100% | 101% | 104% | 102% |
| | | | | | | 10000000 | 7.1 | 7.1 | 7.3 | 8.5 | 19.0 | 118.5 | 7.2 | 7.2 | 7.3 | 8.7 | 20.2 | 129.0 | 101% | 102% | 100% | 102% | 107% | 109% |
| | | | | | | 50000000 | 7.1 | 7.3 | 7.4 | 8.8 | 19.3 | 118.8 | 7.2 | 7.3 | 7.3 | 8.9 | 20.1 | 129.7 | 101% | 101% | 99% | 101% | 104% | 109% |
| | | | | | random | 1000000 | 7.1 | 7.2 | 7.3 | 8.7 | 18.0 | 79.0 | 7.2 | 7.0 | 7.3 | 8.7 | 19.6 | 82.2 | 100% | 97% | 100% | 101% | 109% | 104% |
| | | | | | | 10000000 | 7.0 | 7.2 | 7.2 | 8.5 | 18.9 | 109.8 | 7.2 | 7.2 | 7.4 | 8.7 | 20.3 | 120.9 | 102% | 100% | 102% | 102% | 107% | 110% |
| | | | | | | 50000000 | 7.1 | 7.3 | 7.4 | 8.6 | 19.5 | 117.6 | 7.3 | 7.3 | 7.3 | 8.9 | 20.3 | 127.2 | 102% | 101% | 99% | 103% | 104% | 108% |
| | | | | | sequential | 1000000 | 7.0 | 7.1 | 7.2 | 7.7 | 12.1 | 53.2 | 7.2 | 7.1 | 7.3 | 7.7 | 12.2 | 55.0 | 102% | 101% | 102% | 100% | 101% | 103% |
| | | | | | | 10000000 | 7.1 | 7.2 | 7.2 | 7.8 | 12.1 | 53.6 | 7.2 | 7.1 | 7.1 | 7.7 | 12.4 | 57.1 | 102% | 99% | 100% | 98% | 102% | 107% |
| | | | | | | 50000000 | 7.1 | 7.1 | 7.2 | 7.8 | 12.2 | 54.1 | 7.2 | 7.2 | 7.2 | 7.8 | 12.6 | 56.2 | 102% | 102% | 100% | 100% | 103% | 104% |
| | | | | xeon | cycle | 1000000 | 9.1 | 9.2 | 8.8 | 11.6 | 21.9 | 106.4 | 9.1 | 9.3 | 9.0 | 11.3 | 24.2 | 108.4 | 99% | 101% | 103% | 97% | 110% | 102% |
| | | | | | | 10000000 | 8.6 | 9.2 | 8.7 | 10.7 | 23.8 | 154.0 | 8.7 | 9.5 | 8.7 | 10.3 | 23.7 | 169.7 | 101% | 103% | 100% | 96% | 100% | 110% |
| | | | | | | 100000000 | 8.8 | 9.1 | 8.7 | 9.9 | 22.9 | 159.9 | 9.3 | 9.5 | 8.3 | 10.5 | 24.1 | 169.5 | 105% | 105% | 96% | 107% | 105% | 106% |
| | | | | | random | 1000000 | 8.9 | 8.4 | 9.2 | 11.1 | 21.8 | 92.8 | 9.4 | 9.0 | 9.2 | 9.7 | 21.9 | 97.4 | 105% | 107% | 99% | 88% | 101% | 105% |
| | | | | | | 10000000 | 8.9 | 9.4 | 8.3 | 10.3 | 24.0 | 140.2 | 8.9 | 8.6 | 8.7 | 10.3 | 23.3 | 159.8 | 100% | 91% | 104% | 100% | 97% | 114% |
| | | | | | | 100000000 | 8.8 | 9.3 | 9.6 | 10.3 | 23.8 | 155.4 | 9.1 | 8.7 | 9.2 | 10.5 | 23.6 | 169.7 | 104% | 93% | 96% | 102% | 99% | 109% |
| | | | | | sequential | 1000000 | 9.2 | 8.9 | 9.6 | 10.4 | 15.0 | 66.8 | 8.9 | 8.8 | 9.2 | 9.7 | 15.2 | 67.0 | 97% | 99% | 96% | 94% | 102% | 100% |
| | | | | | | 10000000 | 9.1 | 8.6 | 9.0 | 9.3 | 15.2 | 66.6 | 9.0 | 9.6 | 9.5 | 9.7 | 15.0 | 66.7 | 99% | 111% | 106% | 104% | 99% | 100% |
| | | | | | | 100000000 | 9.3 | 9.9 | 9.2 | 9.4 | 14.8 | 67.1 | 9.1 | 9.2 | 9.4 | 9.5 | 15.6 | 66.0 | 98% | 93% | 102% | 101% | 106% | 98% |
| | seqscan | | master | i5 | cycle | 1000000 | 143.2 | 143.3 | 143.7 | 144.2 | 148.6 | 184.0 | 142.8 | 151.4 | 144.0 | 144.4 | 149.7 | 185.0 | 100% | 106% | 100% | 100% | 101% | 101% |
| | | | | | | 10000000 | 1373.5 | 1343.8 | 1343.4 | 1359.8 | 1348.6 | 1407.0 | 1345.0 | 1347.6 | 1372.5 | 1346.6 | 1362.7 | 1403.0 | 98% | 100% | 102% | 99% | 101% | 100% |
| | | | | | | 50000000 | 16516.4 | 15210.6 | 15221.9 | 15176.0 | 15192.0 | 15253.8 | 15674.3 | 15075.9 | 15452.8 | 15226.7 | 15185.8 | 15227.5 | 95% | 99% | 102% | 100% | 100% | 100% |
| | | | | | random | 1000000 | 144.7 | 145.4 | 143.1 | 144.7 | 149.0 | 184.4 | 143.1 | 143.2 | 143.1 | 143.5 | 150.3 | 187.2 | 99% | 98% | 100% | 99% | 101% | 101% |
| | | | | | | 10000000 | 1344.4 | 1347.3 | 1358.7 | 1349.1 | 1358.2 | 1406.5 | 1335.6 | 1362.2 | 1336.4 | 1342.6 | 1356.6 | 1410.5 | 99% | 101% | 98% | 100% | 100% | 100% |
| | | | | | | 50000000 | 15174.2 | 15710.4 | 15184.9 | 15466.7 | 15177.2 | 16337.1 | 15238.6 | 15163.2 | 15172.3 | 15071.9 | 15171.9 | 15183.4 | 100% | 97% | 100% | 97% | 100% | 93% |
| | | | | | sequential | 1000000 | 142.9 | 143.1 | 142.6 | 143.2 | 147.4 | 182.0 | 144.9 | 149.1 | 142.8 | 143.4 | 146.2 | 143.0 | 101% | 104% | 100% | 100% | 99% | 79% |
| | | | | | | 10000000 | 1341.4 | 1349.5 | 1354.5 | 1339.8 | 1344.9 | 1376.8 | 1348.8 | 1343.6 | 1357.3 | 1342.2 | 1355.0 | 1386.0 | 101% | 100% | 100% | 100% | 101% | 101% |
| | | | | | | 50000000 | 15140.3 | 15201.9 | 15152.6 | 15239.6 | 15219.7 | 15201.0 | 15182.8 | 15236.8 | 15203.9 | 15245.2 | 16568.9 | 15223.1 | 100% | 100% | 100% | 100% | 109% | 100% |
| | | | | xeon | cycle | 1000000 | 159.0 | 160.4 | 160.1 | 161.5 | 157.9 | 213.5 | 161.3 | 158.5 | 160.4 | 161.2 | 166.7 | 213.4 | 101% | 99% | 100% | 100% | 106% | 100% |
| | | | | | | 10000000 | 1493.5 | 1473.3 | 1486.7 | 1500.8 | 1496.1 | 1572.4 | 1466.0 | 1474.1 | 1468.4 | 1496.9 | 1510.3 | 1563.2 | 98% | 100% | 99% | 100% | 101% | 99% |
| | | | | | | 100000000 | 14682.8 | 14973.8 | 14742.0 | 14830.5 | 14965.7 | 15130.0 | 14808.4 | 15107.0 | 14737.9 | 14785.0 | 14793.5 | 15062.5 | 101% | 101% | 100% | 100% | 99% | 100% |
| | | | | | random | 1000000 | 160.8 | 160.8 | 161.6 | 161.1 | 167.5 | 211.9 | 161.3 | 159.0 | 160.2 | 161.2 | 170.6 | 212.8 | 100% | 99% | 99% | 100% | 102% | 100% |
| | | | | | | 10000000 | 1475.0 | 1496.7 | 1476.0 | 1474.3 | 1502.5 | 1574.1 | 1467.6 | 1485.1 | 1468.9 | 1477.8 | 1500.7 | 1569.1 | 99% | 99% | 100% | 100% | 100% | 100% |
| | | | | | | 100000000 | 14793.1 | 14719.1 | 14765.6 | 14914.9 | 14919.0 | 15041.7 | 14650.5 | 14748.7 | 14775.3 | 14682.8 | 15018.3 | 15017.1 | 99% | 100% | 100% | 98% | 101% | 100% |
| | | | | | sequential | 1000000 | 161.0 | 159.9 | 159.2 | 161.3 | 165.4 | 159.3 | 160.7 | 159.7 | 159.2 | 161.6 | 164.1 | 199.5 | 100% | 100% | 100% | 100% | 99% | 125% |
| | | | | | | 10000000 | 1468.0 | 1475.4 | 1463.5 | 1497.9 | 1480.0 | 1506.0 | 1481.6 | 1466.2 | 1464.7 | 1495.6 | 1486.5 | 1539.0 | 101% | 99% | 100% | 100% | 100% | 102% |
| | | | | | | 100000000 | 14936.5 | 14766.1 | 14850.8 | 14836.1 | 14681.1 | 14730.1 | 15283.6 | 14865.9 | 14673.0 | 14670.5 | 14696.7 | 14705.0 | 102% | 101% | 99% | 99% | 100% | 100% |
| | | | patched | i5 | cycle | 1000000 | 142.0 | 142.2 | 143.0 | 144.3 | 148.0 | 182.1 | 142.9 | 142.5 | 142.3 | 143.5 | 148.2 | 143.2 | 101% | 100% | 99% | 99% | 100% | 79% |
| | | | | | | 10000000 | 1340.8 | 1337.6 | 1348.2 | 1344.8 | 1351.0 | 1393.3 | 1338.2 | 1343.2 | 1353.7 | 1335.3 | 1359.1 | 1403.9 | 100% | 100% | 100% | 99% | 101% | 101% |
| | | | | | | 50000000 | 15215.5 | 15186.1 | 15110.2 | 15203.3 | 15591.3 | 15242.3 | 15244.5 | 15124.4 | 15061.2 | 15136.3 | 15886.0 | 15238.9 | 100% | 100% | 100% | 100% | 102% | 100% |
| | | | | | random | 1000000 | 142.7 | 142.9 | 142.1 | 143.6 | 150.9 | 183.2 | 141.9 | 144.4 | 143.4 | 142.6 | 150.4 | 163.6 | 99% | 101% | 101% | 99% | 100% | 89% |
| | | | | | | 10000000 | 1338.5 | 1336.8 | 1339.6 | 1335.9 | 1346.2 | 1388.3 | 1337.8 | 1334.0 | 1338.3 | 1339.1 | 1348.9 | 1387.7 | 100% | 100% | 100% | 100% | 100% | 100% |
| | | | | | | 50000000 | 15180.6 | 15239.5 | 15153.3 | 15129.1 | 15196.9 | 17608.3 | 15225.2 | 15172.3 | 15173.5 | 15147.6 | 15190.8 | 15213.9 | 100% | 100% | 100% | 100% | 100% | 86% |
| | | | | | sequential | 1000000 | 142.0 | 142.7 | 142.5 | 141.9 | 145.7 | 177.8 | 142.8 | 146.5 | 142.8 | 143.7 | 146.5 | 142.3 | 101% | 103% | 100% | 101% | 101% | 80% |
| | | | | | | 10000000 | 1340.7 | 1346.2 | 1344.1 | 1333.5 | 1338.5 | 1397.8 | 1335.1 | 1336.9 | 1347.3 | 1366.7 | 1336.1 | 1375.8 | 100% | 99% | 100% | 102% | 100% | 98% |
| | | | | | | 50000000 | 15114.2 | 16217.3 | 15223.7 | 15210.4 | 15164.1 | 15252.0 | 15130.5 | 15142.3 | 15184.2 | 16834.4 | 15208.4 | 15147.2 | 100% | 93% | 100% | 111% | 100% | 99% |
| | | | | xeon | cycle | 1000000 | 159.3 | 157.6 | 155.4 | 158.3 | 164.7 | 159.4 | 156.0 | 158.3 | 157.8 | 159.0 | 164.2 | 159.8 | 98% | 100% | 102% | 100% | 100% | 100% |
| | | | | | | 10000000 | 1463.9 | 1462.2 | 1475.2 | 1479.2 | 1468.6 | 1548.6 | 1456.5 | 1463.7 | 1450.8 | 1478.1 | 1472.7 | 1580.8 | 99% | 100% | 98% | 100% | 100% | 102% |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 100000000 | 14551.2 | 14605.9 | 14588.2 | 14492.3 | 14517.6 | 14865.1 | 14740.7 | 14720.9 | 15147.0 | 14605.3 | 14733.1 | 14906.7 | 101% | 101% | 104% | 101% | 101% | 100% |
| | | | | | random | 1000000 | 158.2 | 156.6 | 157.3 | 159.7 | 163.1 | 210.4 | 157.3 | 156.7 | 157.9 | 165.9 | 165.0 | 207.3 | 99% | 100% | 100% | 104% | 101% | 99% |
| | | | | | | 10000000 | 1472.7 | 1471.0 | 1468.5 | 1461.1 | 1474.1 | 1551.9 | 1525.3 | 1472.7 | 1459.1 | 1460.7 | 1472.7 | 1554.4 | 104% | 100% | 99% | 100% | 100% | 100% |
| | | | | | | 100000000 | 14495.7 | 14561.8 | 14706.2 | 14499.0 | 14738.6 | 14762.5 | 14652.4 | 15004.3 | 14872.9 | 14667.9 | 14592.3 | 14872.7 | 101% | 103% | 101% | 101% | 99% | 101% |
| | | | | | sequential | 1000000 | 155.2 | 157.7 | 161.6 | 159.9 | 162.0 | 158.2 | 161.5 | 156.0 | 158.4 | 160.4 | 166.7 | 156.3 | 104% | 99% | 98% | 100% | 103% | 99% |
| | | | | | | 10000000 | 1464.6 | 1471.6 | 1490.4 | 1462.4 | 1472.7 | 1486.9 | 1455.6 | 1462.9 | 1462.5 | 1456.0 | 1522.0 | 1490.2 | 99% | 99% | 98% | 100% | 103% | 100% |
| | | | | | | 100000000 | 14696.6 | 14648.5 | 14667.4 | 14636.9 | 14756.1 | 14609.7 | 14660.4 | 14735.8 | 14744.4 | 14642.5 | 14844.6 | 14617.1 | 100% | 101% | 101% | 100% | 101% | 100% |
| | btree-sort | bitmapscan | master | i5 | cycle | 1000000 | 84.0 | 93.0 | 89.4 | 83.8 | 112.8 | 247.7 | 103.2 | 99.0 | 81.9 | 87.8 | 116.4 | 239.5 | 123% | 107% | 92% | 105% | 103% | 97% |
| | | | | | | 10000000 | 1371.0 | 1547.4 | 1418.2 | 1634.8 | 1637.5 | 1932.0 | 1441.6 | 1317.6 | 1718.7 | 1787.9 | 1632.1 | 2118.0 | 105% | 85% | 121% | 109% | 100% | 110% |
| | | | | | | 50000000 | 8528.2 | 9894.1 | 8747.9 | 11507.3 | 21724.0 | 27081.7 | 16357.7 | 21510.3 | 16945.2 | 17894.9 | 21112.1 | 20228.5 | 192% | 217% | 194% | 156% | 97% | 75% |
| | | | | | random | 1000000 | 144.6 | 130.7 | 114.0 | 121.3 | 136.0 | 244.2 | 130.1 | 140.4 | 122.8 | 127.2 | 153.9 | 220.1 | 90% | 107% | 108% | 105% | 113% | 90% |
| | | | | | | 10000000 | 2503.3 | 2303.5 | 2538.4 | 2541.5 | 2367.9 | 2736.2 | 2745.4 | 2830.1 | 2629.6 | 2753.6 | 2823.8 | 3007.9 | 110% | 123% | 104% | 108% | 119% | 110% |
| | | | | | | 50000000 | 19178.2 | 17867.5 | 18058.3 | 18328.7 | 18175.8 | 18037.2 | 34867.8 | 34100.8 | 35108.5 | 34870.0 | 34874.0 | 35566.6 | 182% | 191% | 194% | 190% | 192% | 197% |
| | | | | | sequential | 1000000 | 96.8 | 90.7 | 76.2 | 98.4 | 99.3 | 148.8 | 103.7 | 102.1 | 83.8 | 100.4 | 103.5 | 152.3 | 107% | 113% | 110% | 102% | 104% | 102% |
| | | | | | | 10000000 | 1326.7 | 1486.8 | 1548.7 | 1527.4 | 1682.9 | 1709.8 | 1577.9 | 1675.7 | 1710.2 | 1671.1 | 1539.0 | 1711.2 | 119% | 113% | 110% | 109% | 91% | 100% |
| | | | | | | 50000000 | 11146.8 | 9144.5 | 7720.1 | 10565.8 | 7737.8 | 8753.6 | 20677.7 | 20806.6 | 17997.6 | 16693.2 | 18847.9 | 15782.0 | 186% | 228% | 233% | 158% | 244% | 180% |
| | | | | xeon | cycle | 1000000 | 129.5 | 132.9 | 127.6 | 100.2 | 154.5 | 219.7 | 117.1 | 118.7 | 114.5 | 108.1 | 165.9 | 219.4 | 90% | 89% | 90% | 108% | 107% | 100% |
| | | | | | | 10000000 | 1623.4 | 1740.0 | 1443.8 | 1774.1 | 2113.5 | 1952.8 | 2247.5 | 1615.3 | 2127.2 | 1581.7 | 2261.8 | 2698.8 | 138% | 93% | 147% | 89% | 107% | 138% |
| | | | | | | 100000000 | 19065.9 | 15741.2 | 17730.1 | 14320.9 | 15815.2 | 21778.9 | 16341.6 | 18960.6 | 17505.3 | 19995.4 | 19037.8 | 15829.1 | 86% | 120% | 99% | 140% | 120% | 73% |
| | | | | | random | 1000000 | 137.8 | 156.9 | 162.1 | 157.1 | 190.5 | 272.7 | 147.1 | 165.1 | 151.9 | 189.9 | 167.6 | 285.7 | 107% | 105% | 94% | 121% | 88% | 105% |
| | | | | | | 10000000 | 2913.5 | 3062.2 | 2838.1 | 2852.3 | 2932.1 | 2906.2 | 3294.0 | 3148.6 | 3067.1 | 3300.2 | 3125.1 | 3295.3 | 113% | 103% | 108% | 116% | 107% | 113% |
| | | | | | | 100000000 | 31197.1 | 29759.7 | 30382.8 | 28997.4 | 28839.2 | 30039.5 | 32610.3 | 32380.7 | 32496.1 | 32911.1 | 31654.1 | 33102.2 | 105% | 109% | 107% | 113% | 110% | 110% |
| | | | | | sequential | 1000000 | 130.9 | 115.2 | 103.1 | 122.8 | 122.2 | 146.0 | 116.2 | 112.9 | 94.4 | 102.8 | 96.0 | 147.1 | 89% | 98% | 92% | 84% | 79% | 101% |
| | | | | | | 10000000 | 2062.8 | 1625.4 | 1814.6 | 1932.0 | 1598.8 | 1665.7 | 2190.1 | 2019.6 | 1487.5 | 1688.2 | 2043.3 | 1651.1 | 106% | 124% | 82% | 87% | 128% | 99% |
| | | | | | | 100000000 | 15314.8 | 12605.8 | 13234.7 | 12604.4 | 15796.3 | 14172.5 | 15896.2 | 16005.4 | 15054.2 | 16185.0 | 14301.6 | 14270.5 | 104% | 127% | 114% | 128% | 91% | 101% |
| | | | patched | i5 | cycle | 1000000 | 80.7 | 75.2 | 99.3 | 101.6 | 106.3 | 215.3 | 107.3 | 104.8 | 95.4 | 80.1 | 131.4 | 256.3 | 133% | 139% | 96% | 79% | 124% | 119% |
| | | | | | | 10000000 | 1782.3 | 1352.2 | 1285.8 | 1599.3 | 1754.8 | 2241.0 | 1762.2 | 1715.9 | 1481.0 | 1469.6 | 1744.1 | 2297.7 | 99% | 127% | 115% | 92% | 99% | 103% |
| | | | | | | 50000000 | 8697.4 | 8579.2 | 8589.6 | 11626.4 | 21663.7 | 27943.1 | 15861.3 | 19954.8 | 20034.2 | 19062.8 | 21717.8 | 22891.2 | 182% | 233% | 233% | 164% | 100% | 82% |
| | | | | | random | 1000000 | 124.0 | 119.7 | 133.3 | 127.9 | 150.1 | 209.1 | 131.6 | 130.8 | 139.9 | 135.8 | 150.0 | 237.3 | 106% | 109% | 105% | 106% | 100% | 114% |
| | | | | | | 10000000 | 2522.3 | 2451.3 | 2419.1 | 2565.1 | 2561.0 | 2500.8 | 2721.0 | 2767.0 | 2815.5 | 2666.3 | 2698.6 | 2913.0 | 108% | 113% | 116% | 104% | 105% | 116% |
| | | | | | | 50000000 | 18175.2 | 18076.5 | 17664.2 | 17960.4 | 17712.9 | 18120.6 | 35001.1 | 34723.7 | 34862.9 | 34262.0 | 34012.3 | 34901.7 | 193% | 192% | 197% | 191% | 192% | 193% |
| | | | | | sequential | 1000000 | 98.6 | 84.3 | 78.2 | 91.5 | 81.2 | 164.7 | 78.1 | 73.4 | 79.5 | 82.9 | 87.1 | 151.4 | 79% | 87% | 102% | 91% | 107% | 92% |
| | | | | | | 10000000 | 1540.5 | 1451.2 | 1473.2 | 1658.4 | 1613.6 | 1650.8 | 1745.8 | 1745.1 | 1575.9 | 1461.8 | 1388.6 | 1593.1 | 113% | 120% | 107% | 88% | 86% | 97% |
| | | | | | | 50000000 | 9373.3 | 9365.2 | 8175.3 | 7464.7 | 10642.9 | 9072.0 | 19513.4 | 15936.2 | 17172.3 | 14889.4 | 15024.5 | 14562.5 | 208% | 170% | 210% | 199% | 141% | 161% |
| | | | | xeon | cycle | 1000000 | 96.6 | 129.1 | 83.2 | 101.0 | 166.5 | 214.1 | 111.5 | 99.2 | 111.9 | 100.5 | 137.0 | 219.6 | 116% | 77% | 134% | 100% | 82% | 103% |
| | | | | | | 10000000 | 1598.3 | 1555.3 | 1867.6 | 1502.7 | 1698.9 | 2663.5 | 1725.6 | 1649.6 | 1543.9 | 2233.5 | 1859.6 | 2883.2 | 108% | 106% | 83% | 149% | 109% | 108% |
| | | | | | | 100000000 | 14346.0 | 15311.6 | 15716.6 | 18402.5 | 18925.8 | 17652.9 | 14543.1 | 19260.3 | 16262.0 | 18524.2 | 20103.5 | 17552.5 | 101% | 126% | 103% | 101% | 106% | 99% |
| | | | | | random | 1000000 | 177.5 | 154.5 | 154.1 | 150.9 | 166.6 | 274.8 | 187.1 | 190.5 | 170.9 | 188.1 | 186.7 | 283.6 | 105% | 123% | 111% | 125% | 112% | 103% |
| | | | | | | 10000000 | 2896.8 | 2937.8 | 2769.9 | 2955.4 | 2834.0 | 3060.5 | 3405.5 | 3338.8 | 3210.3 | 3252.9 | 3050.6 | 3319.3 | 118% | 114% | 116% | 110% | 108% | 108% |
| | | | | | | 100000000 | 31218.3 | 30512.6 | 29652.6 | 30201.3 | 29095.7 | 29564.1 | 34084.9 | 33065.6 | 33202.7 | 31790.0 | 32969.2 | 32569.6 | 109% | 108% | 112% | 105% | 113% | 110% |
| | | | | | sequential | 1000000 | 91.2 | 109.8 | 95.4 | 80.0 | 117.8 | 163.4 | 101.1 | 110.5 | 88.4 | 126.0 | 125.4 | 167.2 | 111% | 101% | 93% | 158% | 106% | 102% |
| | | | | | | 10000000 | 1931.0 | 1867.4 | 1479.2 | 1909.8 | 1590.3 | 1893.6 | 1888.8 | 1917.4 | 1761.4 | 1672.6 | 1629.1 | 1787.5 | 98% | 103% | 119% | 88% | 102% | 94% |
| | | | | | | 100000000 | 15547.6 | 17056.0 | 16325.3 | 15557.7 | 14258.6 | 14074.6 | 17991.5 | 16380.8 | 14570.4 | 16433.6 | 19184.2 | 16003.2 | 116% | 96% | 89% | 106% | 135% | 114% |
| | | indexscan | master | i5 | cycle | 1000000 | 7.3 | 7.3 | 7.4 | 8.9 | 19.6 | 82.8 | 7.1 | 7.2 | 7.4 | 8.6 | 19.6 | 83.1 | 97% | 99% | 100% | 96% | 100% | 100% |
| | | | | | | 10000000 | 7.3 | 7.3 | 7.4 | 8.7 | 19.9 | 121.9 | 7.4 | 7.3 | 7.4 | 8.7 | 19.3 | 122.6 | 100% | 100% | 100% | 100% | 97% | 101% |
| | | | | | | 50000000 | 7.3 | 7.5 | 7.8 | 9.7 | 20.1 | 124.1 | 7.4 | 7.5 | 7.5 | 9.6 | 19.9 | 121.8 | 101% | 100% | 96% | 99% | 99% | 98% |
| | | | | | random | 1000000 | 7.3 | 7.3 | 7.5 | 9.0 | 18.8 | 81.5 | 7.2 | 7.2 | 7.5 | 8.9 | 18.9 | 80.9 | 99% | 99% | 100% | 98% | 100% | 99% |
| | | | | | | 10000000 | 7.2 | 7.3 | 7.6 | 8.6 | 19.7 | 113.0 | 7.3 | 7.3 | 7.6 | 8.7 | 19.7 | 113.9 | 101% | 99% | 100% | 100% | 100% | 101% |
| | | | | | | 50000000 | 7.3 | 7.3 | 7.8 | 8.8 | 19.8 | 121.3 | 7.4 | 7.2 | 7.6 | 9.0 | 20.1 | 120.7 | 101% | 99% | 98% | 102% | 101% | 99% |
| | | | | | sequential | 1000000 | 7.3 | 7.2 | 7.3 | 7.8 | 12.5 | 55.5 | 7.1 | 7.2 | 7.2 | 7.8 | 12.3 | 56.6 | 98% | 100% | 99% | 100% | 99% | 102% |
| | | | | | | 10000000 | 7.3 | 7.2 | 7.5 | 7.9 | 12.5 | 56.9 | 7.2 | 7.2 | 7.4 | 7.8 | 12.5 | 56.0 | 100% | 99% | 99% | 98% | 99% | 98% |
| | | | | | | 50000000 | 7.3 | 7.2 | 7.5 | 8.8 | 12.8 | 56.0 | 7.3 | 7.3 | 7.5 | 8.6 | 12.7 | 56.2 | 101% | 101% | 99% | 98% | 99% | 100% |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | xeon | cycle | 1000000 | 8.5 | 8.9 | 9.0 | 10.2 | 22.8 | 96.4 | 8.6 | 8.8 | 9.0 | 10.0 | 22.3 | 96.3 | 102% | 99% | 100% | 98% | 98% | 100% |
| | | | | | | 10000000 | 8.5 | 8.4 | 8.7 | 10.1 | 22.7 | 154.5 | 8.6 | 8.7 | 8.9 | 10.0 | 22.6 | 154.9 | 102% | 104% | 102% | 99% | 100% | 100% |
| | | | | | | 100000000 | 8.6 | 8.7 | 8.9 | 10.1 | 23.5 | 159.5 | 8.6 | 8.3 | 8.8 | 10.1 | 23.9 | 158.1 | 100% | 95% | 98% | 100% | 102% | 99% |
| | | | | | random | 1000000 | 8.5 | 8.6 | 9.1 | 10.2 | 21.9 | 94.1 | 8.5 | 8.5 | 8.8 | 10.0 | 22.2 | 93.5 | 100% | 99% | 96% | 98% | 102% | 99% |
| | | | | | | 10000000 | 8.5 | 8.3 | 8.7 | 9.7 | 22.4 | 145.3 | 8.5 | 8.4 | 8.7 | 10.1 | 22.9 | 145.8 | 101% | 100% | 99% | 105% | 102% | 100% |
| | | | | | | 100000000 | 8.4 | 8.6 | 8.5 | 10.1 | 23.5 | 155.7 | 8.5 | 8.4 | 8.7 | 10.0 | 24.0 | 154.9 | 100% | 97% | 102% | 99% | 102% | 99% |
| | | | | | sequential | 1000000 | 8.7 | 8.6 | 8.6 | 9.3 | 14.8 | 64.4 | 8.3 | 8.7 | 8.9 | 9.4 | 14.5 | 66.4 | 96% | 101% | 103% | 101% | 98% | 103% |
| | | | | | | 10000000 | 8.6 | 8.2 | 8.5 | 9.2 | 14.3 | 68.0 | 8.6 | 8.5 | 8.6 | 9.1 | 14.2 | 67.2 | 99% | 103% | 101% | 98% | 99% | 99% |
| | | | | | | 100000000 | 8.5 | 8.6 | 8.4 | 9.1 | 14.5 | 67.0 | 8.5 | 8.3 | 8.7 | 9.1 | 14.3 | 66.0 | 100% | 97% | 104% | 100% | 99% | 99% |
| | | | patched | i5 | cycle | 1000000 | 7.2 | 7.3 | 7.5 | 8.9 | 19.3 | 81.9 | 7.3 | 7.3 | 7.4 | 8.7 | 20.6 | 83.6 | 102% | 99% | 99% | 98% | 106% | 102% |
| | | | | | | 10000000 | 7.4 | 7.3 | 7.4 | 8.6 | 19.4 | 120.6 | 7.3 | 7.3 | 7.4 | 8.9 | 20.4 | 130.5 | 99% | 100% | 101% | 104% | 105% | 108% |
| | | | | | | 50000000 | 7.3 | 7.4 | 7.5 | 9.6 | 19.8 | 120.1 | 7.3 | 7.6 | 7.5 | 9.8 | 20.8 | 130.1 | 99% | 103% | 101% | 103% | 105% | 108% |
| | | | | | random | 1000000 | 7.2 | 7.4 | 7.6 | 8.6 | 18.5 | 79.8 | 7.3 | 7.3 | 7.7 | 8.8 | 20.0 | 82.9 | 101% | 99% | 101% | 102% | 108% | 104% |
| | | | | | | 10000000 | 7.3 | 7.2 | 7.5 | 8.6 | 19.4 | 111.1 | 7.3 | 7.3 | 7.5 | 8.9 | 20.8 | 122.6 | 100% | 102% | 100% | 103% | 107% | 110% |
| | | | | | | 50000000 | 7.4 | 7.5 | 7.6 | 8.7 | 19.8 | 119.1 | 7.6 | 7.3 | 7.6 | 9.9 | 20.8 | 129.9 | 103% | 97% | 101% | 114% | 105% | 109% |
| | | | | | sequential | 1000000 | 7.3 | 7.2 | 7.3 | 7.8 | 12.3 | 54.7 | 7.2 | 7.3 | 7.4 | 7.9 | 13.1 | 56.9 | 99% | 102% | 101% | 101% | 107% | 104% |
| | | | | | | 10000000 | 7.3 | 7.4 | 7.3 | 7.8 | 12.4 | 54.9 | 7.3 | 7.3 | 7.4 | 7.9 | 12.5 | 57.5 | 100% | 99% | 101% | 101% | 101% | 105% |
| | | | | | | 50000000 | 7.4 | 7.4 | 7.4 | 8.7 | 12.9 | 55.7 | 7.4 | 7.4 | 7.4 | 8.8 | 12.9 | 57.8 | 100% | 101% | 99% | 100% | 100% | 104% |
| | | | | xeon | cycle | 1000000 | 8.7 | 8.8 | 8.8 | 10.1 | 22.7 | 97.7 | 8.6 | 8.8 | 8.6 | 10.3 | 24.0 | 99.6 | 99% | 100% | 98% | 102% | 106% | 102% |
| | | | | | | 10000000 | 8.6 | 8.6 | 8.7 | 9.9 | 23.3 | 156.4 | 8.7 | 8.7 | 8.5 | 10.1 | 23.5 | 171.0 | 101% | 101% | 98% | 102% | 101% | 109% |
| | | | | | | 100000000 | 8.8 | 8.4 | 8.5 | 10.1 | 23.7 | 145.3 | 8.6 | 8.7 | 8.7 | 10.2 | 23.6 | 172.3 | 99% | 103% | 103% | 101% | 99% | 119% |
| | | | | | random | 1000000 | 8.7 | 8.5 | 9.0 | 10.1 | 21.9 | 101.7 | 8.6 | 8.5 | 8.7 | 9.9 | 22.7 | 104.7 | 100% | 101% | 97% | 98% | 104% | 103% |
| | | | | | | 10000000 | 8.3 | 8.4 | 8.7 | 10.0 | 22.7 | 146.6 | 8.7 | 8.5 | 8.6 | 10.1 | 24.2 | 162.5 | 104% | 101% | 99% | 101% | 106% | 111% |
| | | | | | | 100000000 | 8.6 | 8.5 | 8.5 | 9.9 | 24.0 | 155.3 | 8.3 | 8.5 | 8.9 | 10.1 | 24.1 | 171.9 | 97% | 101% | 104% | 102% | 100% | 111% |
| | | | | | sequential | 1000000 | 8.5 | 8.6 | 8.7 | 9.1 | 14.4 | 66.8 | 8.6 | 9.0 | 8.8 | 9.2 | 14.7 | 66.0 | 101% | 104% | 101% | 102% | 102% | 99% |
| | | | | | | 10000000 | 8.7 | 8.6 | 8.7 | 9.3 | 14.3 | 66.7 | 8.6 | 8.4 | 8.6 | 9.2 | 14.6 | 68.8 | 99% | 98% | 100% | 99% | 102% | 103% |
| | | | | | | 100000000 | 8.6 | 8.4 | 8.3 | 9.2 | 14.3 | 67.4 | 8.4 | 8.5 | 8.6 | 9.2 | 14.6 | 68.9 | 98% | 101% | 104% | 101% | 102% | 102% |
| | seqscan | | master | i5 | cycle | 1000000 | 182.4 | 182.1 | 184.6 | 187.5 | 201.0 | 301.5 | 183.0 | 183.5 | 179.0 | 186.1 | 205.2 | 301.1 | 100% | 101% | 97% | 99% | 102% | 100% |
| | | | | | | 10000000 | 1745.0 | 1741.1 | 1754.6 | 1703.8 | 1799.6 | 1948.1 | 1758.8 | 1703.4 | 1764.8 | 1772.4 | 1786.2 | 1957.9 | 101% | 98% | 101% | 104% | 99% | 101% |
| | | | | | | 50000000 | 16020.3 | 15402.1 | 15445.5 | 15392.6 | 15661.5 | 16921.0 | 15410.8 | 15394.8 | 15398.3 | 15372.6 | 15742.8 | 15695.1 | 96% | 100% | 100% | 100% | 101% | 93% |
| | | | | | random | 1000000 | 184.0 | 181.5 | 184.5 | 189.3 | 207.2 | 300.0 | 186.6 | 181.0 | 184.7 | 187.4 | 207.7 | 299.5 | 101% | 100% | 100% | 99% | 100% | 100% |
| | | | | | | 10000000 | 1754.7 | 1743.8 | 1776.7 | 1736.5 | 1766.5 | 2009.1 | 1721.9 | 1770.0 | 1767.2 | 1760.2 | 1801.0 | 1989.9 | 98% | 102% | 99% | 101% | 102% | 99% |
| | | | | | | 50000000 | 16612.2 | 15470.3 | 15460.7 | 15404.1 | 15491.2 | 15615.4 | 15362.1 | 15873.1 | 15474.0 | 15594.9 | 15465.1 | 15609.0 | 92% | 103% | 100% | 101% | 100% | 100% |
| | | | | | sequential | 1000000 | 185.9 | 181.1 | 182.2 | 188.0 | 189.6 | 234.8 | 183.3 | 184.5 | 179.1 | 187.7 | 192.3 | 235.8 | 99% | 102% | 98% | 100% | 101% | 100% |
| | | | | | | 10000000 | 1753.1 | 1744.8 | 1746.6 | 1802.3 | 1790.2 | 1823.4 | 1742.5 | 1697.9 | 1761.0 | 1742.3 | 1738.8 | 1770.6 | 99% | 97% | 101% | 97% | 97% | 97% |
| | | | | | | 50000000 | 15446.4 | 15620.9 | 15418.1 | 15816.6 | 15529.9 | 15527.9 | 15943.6 | 15497.3 | 15525.1 | 15415.1 | 15811.0 | 16982.6 | 103% | 99% | 101% | 97% | 102% | 109% |
| | | | | xeon | cycle | 1000000 | 198.9 | 203.8 | 200.8 | 208.2 | 219.1 | 329.8 | 201.0 | 199.1 | 200.5 | 202.8 | 223.4 | 332.2 | 101% | 98% | 100% | 97% | 102% | 101% |
| | | | | | | 10000000 | 1932.3 | 1895.9 | 1920.6 | 1863.8 | 1931.2 | 2128.8 | 1902.4 | 1944.7 | 1903.9 | 1894.5 | 1962.4 | 2187.8 | 98% | 103% | 99% | 102% | 102% | 103% |
| | | | | | | 100000000 | 19020.9 | 18778.3 | 19668.9 | 18609.0 | 19293.8 | 19563.2 | 18720.2 | 18800.1 | 19118.2 | 19079.2 | 19449.8 | 19787.9 | 98% | 100% | 97% | 103% | 101% | 101% |
| | | | | | random | 1000000 | 205.0 | 203.9 | 201.5 | 209.3 | 219.0 | 333.0 | 199.9 | 207.1 | 208.4 | 203.8 | 223.8 | 346.8 | 98% | 102% | 103% | 97% | 102% | 104% |
| | | | | | | 10000000 | 1908.6 | 1911.9 | 1925.8 | 1905.7 | 1943.5 | 2155.9 | 1932.7 | 1934.2 | 1906.9 | 1922.9 | 1914.7 | 2193.0 | 101% | 101% | 99% | 101% | 99% | 102% |
| | | | | | | 100000000 | 19326.9 | 19191.0 | 18867.7 | 19244.6 | 18863.6 | 19752.8 | 19198.6 | 19425.4 | 19001.7 | 19043.8 | 19223.6 | 19560.2 | 99% | 101% | 101% | 99% | 102% | 99% |
| | | | | | sequential | 1000000 | 196.4 | 207.6 | 210.8 | 202.7 | 214.0 | 258.5 | 202.3 | 199.1 | 205.1 | 203.3 | 209.1 | 258.1 | 103% | 96% | 97% | 100% | 98% | 100% |
| | | | | | | 10000000 | 1885.5 | 1892.4 | 1884.9 | 1927.6 | 1872.4 | 1966.4 | 1924.6 | 1861.1 | 1867.0 | 1931.9 | 1903.1 | 1931.2 | 102% | 98% | 99% | 100% | 102% | 98% |
| | | | | | | 100000000 | 19119.3 | 19254.4 | 19147.5 | 18869.1 | 19357.9 | 19417.3 | 19143.8 | 18728.2 | 19319.5 | 18999.8 | 18575.0 | 19355.7 | 100% | 97% | 101% | 101% | 96% | 100% |
| | | | patched | i5 | cycle | 1000000 | 182.4 | 178.8 | 180.4 | 184.2 | 199.1 | 308.1 | 184.0 | 187.7 | 179.0 | 185.8 | 203.3 | 301.5 | 101% | 105% | 99% | 101% | 102% | 98% |
| | | | | | | 10000000 | 1744.8 | 1769.8 | 1747.3 | 1723.5 | 1756.7 | 1941.0 | 1761.8 | 1723.3 | 1701.0 | 1738.0 | 1766.0 | 1973.2 | 101% | 97% | 97% | 101% | 101% | 102% |
| | | | | | | 50000000 | 16347.6 | 15332.8 | 15393.2 | 15455.5 | 15437.4 | 15573.9 | 15439.8 | 15381.6 | 15439.2 | 15478.5 | 15413.9 | 15497.4 | 94% | 100% | 100% | 100% | 100% | 100% |
| | | | | | random | 1000000 | 185.7 | 183.0 | 185.6 | 186.5 | 208.3 | 309.4 | 183.3 | 187.1 | 184.9 | 187.8 | 202.0 | 306.2 | 99% | 102% | 100% | 101% | 97% | 99% |
| | | | | | | 10000000 | 1735.2 | 1744.1 | 1717.3 | 1812.6 | 1818.6 | 2028.7 | 1753.4 | 1745.9 | 1770.4 | 1770.6 | 1795.8 | 2032.9 | 101% | 100% | 103% | 98% | 99% | 100% |
| | | | | | | 50000000 | 15864.1 | 15439.8 | 15560.4 | 15426.4 | 15495.4 | 15519.4 | 15494.0 | 16545.4 | 15527.1 | 15415.8 | 15418.4 | 15675.5 | 98% | 107% | 100% | 100% | 100% | 101% |
| | | | | | sequential | 1000000 | 181.5 | 182.0 | 179.3 | 180.7 | 184.8 | 235.8 | 182.1 | 179.0 | 186.1 | 185.9 | 184.2 | 235.0 | 100% | 98% | 104% | 103% | 100% | 100% |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10000000 | 1719.9 | 1729.6 | 1726.9 | 1767.5 | 1759.9 | 1743.5 | 1707.5 | 1740.1 | 1726.4 | 1718.2 | 1735.5 | 1762.4 | 99% | 101% | 100% | 97% | 99% | 101% |
| | | | | | | 50000000 | 15447.0 | 15385.1 | 15492.2 | 15891.4 | 15448.2 | 15512.8 | 16366.5 | 15411.6 | 17501.2 | 15442.0 | 15464.5 | 16353.1 | 106% | 100% | 113% | 97% | 100% | 105% |
| | | | | xeon | cycle | 1000000 | 197.7 | 200.7 | 196.2 | 207.1 | 221.0 | 324.4 | 195.9 | 204.2 | 225.9 | 206.3 | 221.4 | 336.8 | 99% | 102% | 115% | 100% | 100% | 104% |
| | | | | | | 10000000 | 1858.5 | 1829.1 | 1887.4 | 1870.3 | 1911.0 | 2153.4 | 1856.2 | 1872.0 | 1926.2 | 1930.2 | 1883.8 | 2113.8 | 100% | 102% | 102% | 103% | 99% | 98% |
| | | | | | | 100000000 | 19376.8 | 19040.5 | 18633.1 | 18788.2 | 18721.1 | 18791.7 | 18608.4 | 18717.3 | 18620.5 | 19024.9 | 19090.2 | 19636.2 | 96% | 98% | 100% | 101% | 102% | 104% |
| | | | | | random | 1000000 | 204.7 | 201.4 | 201.5 | 202.6 | 221.6 | 347.3 | 202.0 | 202.0 | 206.9 | 201.9 | 219.3 | 339.2 | 99% | 100% | 103% | 100% | 99% | 98% |
| | | | | | | 10000000 | 1891.3 | 1923.6 | 1884.5 | 1923.4 | 1979.9 | 2193.9 | 1910.3 | 1939.0 | 1882.5 | 1888.2 | 1954.6 | 2177.9 | 101% | 101% | 100% | 98% | 99% | 99% |
| | | | | | | 100000000 | 18896.0 | 19060.9 | 19243.0 | 18831.6 | 19405.6 | 19486.5 | 19296.5 | 18824.5 | 18925.3 | 19211.9 | 19252.1 | 19686.4 | 102% | 99% | 98% | 102% | 99% | 101% |
| | | | | | sequential | 1000000 | 199.6 | 199.4 | 195.8 | 197.0 | 205.4 | 260.6 | 199.9 | 197.4 | 201.5 | 200.8 | 204.7 | 255.8 | 100% | 99% | 103% | 102% | 100% | 98% |
| | | | | | | 10000000 | 1869.9 | 1900.7 | 1881.3 | 1853.5 | 1854.1 | 1919.3 | 1827.3 | 1908.3 | 1895.8 | 1850.9 | 1896.2 | 1964.1 | 98% | 100% | 101% | 100% | 102% | 102% |
| | | | | | | 100000000 | 19358.7 | 19336.9 | 18497.4 | 18788.4 | 18909.4 | 18767.9 | 18912.8 | 18797.2 | 18455.2 | 18556.4 | 18760.1 | 18557.3 | 98% | 97% | 100% | 99% | 99% | 99% |
| | hash | bitmapscan | master | i5 | cycle | 1000000 | 7.1 | 7.2 | 7.4 | 9.0 | 23.2 | 101.6 | 7.2 | 7.2 | 7.2 | 9.1 | 23.9 | 108.6 | 101% | 100% | 97% | 101% | 103% | 107% |
| | | | | | | 10000000 | 7.2 | 7.0 | 7.4 | 8.9 | 23.3 | 169.9 | 7.2 | 7.0 | 7.3 | 9.0 | 24.1 | 190.8 | 99% | 99% | 99% | 101% | 103% | 112% |
| | | | | | | 50000000 | 7.3 | 7.1 | 7.4 | 8.9 | 23.1 | 171.1 | 7.1 | 7.3 | 7.3 | 9.1 | 24.3 | 186.4 | 97% | 103% | 99% | 101% | 105% | 109% |
| | | | | | random | 1000000 | 7.1 | 7.2 | 7.2 | 8.9 | 21.9 | 99.3 | 7.1 | 7.2 | 7.3 | 9.0 | 23.1 | 106.8 | 99% | 100% | 101% | 102% | 106% | 108% |
| | | | | | | 10000000 | 7.1 | 7.1 | 7.5 | 9.0 | 22.9 | 155.9 | 7.0 | 7.0 | 7.4 | 9.1 | 24.0 | 169.4 | 99% | 98% | 99% | 101% | 105% | 109% |
| | | | | | | 50000000 | 7.3 | 7.2 | 7.3 | 8.9 | 23.3 | 168.4 | 7.2 | 7.2 | 7.5 | 9.3 | 24.1 | 179.1 | 98% | 100% | 102% | 104% | 103% | 106% |
| | | | | | sequential | 1000000 | 7.2 | 7.1 | 7.2 | 7.7 | 12.3 | 58.0 | 7.1 | 7.1 | 7.2 | 7.7 | 12.4 | 57.6 | 99% | 100% | 100% | 100% | 101% | 99% |
| | | | | | | 10000000 | 7.2 | 7.1 | 7.2 | 7.7 | 12.3 | 56.9 | 7.2 | 7.1 | 7.2 | 7.6 | 12.4 | 57.9 | 100% | 100% | 99% | 99% | 101% | 102% |
| | | | | | | 50000000 | 7.2 | 7.2 | 7.3 | 7.7 | 12.3 | 57.0 | 7.1 | 7.2 | 7.2 | 7.7 | 12.5 | 58.1 | 99% | 100% | 99% | 99% | 101% | 102% |
| | | | | xeon | cycle | 1000000 | 8.6 | 8.7 | 8.8 | 10.4 | 26.3 | 129.3 | 9.0 | 9.0 | 8.8 | 10.4 | 27.3 | 136.2 | 104% | 103% | 100% | 100% | 104% | 105% |
| | | | | | | 10000000 | 8.5 | 8.6 | 8.7 | 11.6 | 27.1 | 203.8 | 8.8 | 8.6 | 9.2 | 10.5 | 27.4 | 210.2 | 103% | 100% | 105% | 90% | 101% | 103% |
| | | | | | | 100000000 | 9.1 | 9.0 | 8.3 | 11.1 | 28.0 | 193.0 | 9.4 | 9.7 | 9.6 | 11.3 | 27.9 | 219.6 | 104% | 108% | 116% | 101% | 99% | 114% |
| | | | | | random | 1000000 | 8.1 | 8.8 | 8.8 | 10.2 | 26.3 | 111.7 | 9.4 | 8.8 | 8.4 | 10.0 | 25.5 | 122.1 | 116% | 99% | 96% | 98% | 97% | 109% |
| | | | | | | 10000000 | 9.0 | 9.1 | 8.8 | 10.6 | 26.3 | 189.0 | 8.9 | 9.3 | 8.7 | 11.4 | 26.7 | 204.2 | 99% | 103% | 99% | 107% | 102% | 108% |
| | | | | | | 100000000 | 9.3 | 9.4 | 9.4 | 10.1 | 26.9 | 203.8 | 9.5 | 8.8 | 9.9 | 11.2 | 27.7 | 218.0 | 102% | 94% | 105% | 110% | 103% | 107% |
| | | | | | sequential | 1000000 | 9.0 | 9.0 | 9.2 | 9.9 | 15.5 | 68.3 | 9.1 | 9.3 | 8.8 | 9.9 | 15.7 | 68.7 | 101% | 102% | 95% | 101% | 101% | 101% |
| | | | | | | 10000000 | 9.0 | 8.6 | 9.0 | 9.8 | 14.9 | 69.3 | 9.1 | 8.9 | 9.0 | 10.0 | 15.8 | 67.1 | 101% | 104% | 99% | 102% | 106% | 97% |
| | | | | | | 100000000 | 9.0 | 9.1 | 9.8 | 9.6 | 15.1 | 70.7 | 9.3 | 8.8 | 9.7 | 9.9 | 16.1 | 71.0 | 103% | 97% | 99% | 103% | 107% | 100% |
| | | | patched | i5 | cycle | 1000000 | 7.2 | 7.1 | 7.3 | 9.0 | 22.9 | 100.8 | 7.1 | 7.1 | 7.3 | 8.9 | 23.8 | 107.5 | 98% | 101% | 100% | 99% | 104% | 107% |
| | | | | | | 10000000 | 7.1 | 7.2 | 7.3 | 8.9 | 22.9 | 177.0 | 7.2 | 7.1 | 7.4 | 8.9 | 23.8 | 187.4 | 102% | 98% | 100% | 101% | 104% | 106% |
| | | | | | | 50000000 | 7.2 | 7.1 | 7.4 | 8.8 | 22.9 | 168.2 | 7.2 | 7.3 | 7.4 | 9.0 | 23.9 | 179.5 | 100% | 102% | 99% | 102% | 104% | 107% |
| | | | | | random | 1000000 | 7.1 | 7.1 | 7.4 | 8.9 | 21.6 | 98.2 | 7.2 | 7.2 | 7.4 | 8.9 | 22.8 | 105.0 | 101% | 102% | 100% | 101% | 105% | 107% |
| | | | | | | 10000000 | 7.0 | 7.1 | 7.3 | 9.0 | 22.8 | 154.8 | 7.1 | 7.2 | 7.4 | 9.1 | 23.8 | 167.2 | 101% | 100% | 101% | 101% | 105% | 108% |
| | | | | | | 50000000 | 7.2 | 7.2 | 7.4 | 8.9 | 23.1 | 167.3 | 7.2 | 7.2 | 7.4 | 9.2 | 24.2 | 176.3 | 99% | 100% | 101% | 104% | 105% | 105% |
| | | | | | sequential | 1000000 | 7.1 | 7.1 | 7.2 | 7.7 | 12.4 | 57.1 | 7.1 | 7.1 | 7.1 | 7.7 | 12.4 | 57.6 | 100% | 99% | 99% | 100% | 101% | 101% |
| | | | | | | 10000000 | 7.1 | 7.1 | 7.2 | 7.8 | 12.3 | 57.0 | 7.1 | 7.1 | 7.3 | 7.6 | 12.4 | 58.0 | 100% | 100% | 101% | 98% | 101% | 102% |
| | | | | | | 50000000 | 7.2 | 7.2 | 7.3 | 7.8 | 12.4 | 57.4 | 7.1 | 7.1 | 7.2 | 7.7 | 12.4 | 57.8 | 100% | 98% | 98% | 100% | 100% | 101% |
| | | | | xeon | cycle | 1000000 | 8.9 | 8.7 | 9.5 | 10.4 | 26.1 | 127.6 | 8.7 | 8.7 | 9.3 | 10.5 | 28.1 | 136.8 | 98% | 100% | 98% | 101% | 107% | 107% |
| | | | | | | 10000000 | 9.3 | 9.3 | 9.0 | 10.1 | 29.0 | 203.2 | 9.0 | 8.4 | 8.9 | 10.8 | 28.0 | 226.7 | 96% | 90% | 99% | 107% | 97% | 112% |
| | | | | | | 100000000 | 8.7 | 8.8 | 9.0 | 11.2 | 28.4 | 206.0 | 8.9 | 9.0 | 9.0 | 11.3 | 28.3 | 221.5 | 102% | 103% | 100% | 101% | 100% | 108% |
| | | | | | random | 1000000 | 9.0 | 9.4 | 8.6 | 10.2 | 26.5 | 121.6 | 9.2 | 8.9 | 8.4 | 11.2 | 26.6 | 131.0 | 102% | 95% | 98% | 109% | 100% | 108% |
| | | | | | | 10000000 | 8.8 | 8.7 | 8.5 | 11.2 | 27.2 | 188.3 | 8.9 | 8.4 | 9.0 | 10.4 | 27.1 | 203.8 | 101% | 96% | 105% | 93% | 100% | 108% |
| | | | | | | 100000000 | 8.9 | 9.1 | 9.8 | 11.7 | 29.0 | 189.2 | 9.4 | 8.7 | 9.5 | 10.7 | 28.4 | 205.2 | 105% | 96% | 97% | 91% | 98% | 108% |
| | | | | | sequential | 1000000 | 9.0 | 9.0 | 9.0 | 10.1 | 15.0 | 68.2 | 9.4 | 8.9 | 9.2 | 9.7 | 15.8 | 70.3 | 104% | 99% | 102% | 96% | 105% | 103% |
| | | | | | | 10000000 | 8.8 | 8.8 | 9.2 | 10.0 | 15.4 | 69.6 | 9.2 | 8.8 | 9.3 | 9.8 | 15.3 | 69.7 | 105% | 100% | 101% | 98% | 100% | 100% |
| | | | | | | 100000000 | 8.8 | 8.1 | 10.0 | 10.2 | 15.1 | 69.3 | 9.2 | 9.6 | 9.4 | 10.1 | 15.2 | 70.2 | 105% | 118% | 93% | 99% | 101% | 101% |
| | | indexscan | master | i5 | cycle | 1000000 | 7.2 | 7.2 | 7.3 | 8.5 | 19.4 | 87.7 | 7.1 | 7.1 | 8.4 | 8.5 | 19.3 | 88.4 | 98% | 99% | 115% | 100% | 100% | 101% |
| | | | | | | 10000000 | 7.1 | 7.1 | 7.4 | 8.6 | 19.5 | 122.0 | 7.1 | 7.1 | 7.4 | 8.5 | 19.3 | 122.3 | 99% | 100% | 100% | 99% | 99% | 100% |
| | | | | | | 50000000 | 7.2 | 7.1 | 7.5 | 8.7 | 19.7 | 123.0 | 7.2 | 7.3 | 7.4 | 8.8 | 19.5 | 123.0 | 100% | 103% | 99% | 101% | 99% | 100% |
| | | | | | random | 1000000 | 7.1 | 7.1 | 7.4 | 8.4 | 18.7 | 86.6 | 7.0 | 7.1 | 7.3 | 8.5 | 18.7 | 84.7 | 99% | 99% | 99% | 101% | 100% | 98% |
| | | | | | | 10000000 | 7.2 | 7.2 | 7.4 | 8.8 | 19.4 | 113.9 | 7.0 | 7.1 | 7.4 | 9.0 | 19.3 | 113.3 | 97% | 99% | 100% | 102% | 100% | 99% |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 50000000 | 7.1 | 7.1 | 7.4 | 8.7 | 19.7 | 120.6 | 7.2 | 7.2 | 7.3 | 8.7 | 19.5 | 122.1 | 102% | 102% | 98% | 100% | 99% | 101% |
| | | | | | sequential | 1000000 | 7.1 | 7.0 | 7.1 | 7.7 | 12.3 | 56.8 | 7.2 | 7.1 | 7.1 | 7.8 | 12.4 | 56.8 | 102% | 102% | 99% | 100% | 100% | 100% |
| | | | | | | 10000000 | 7.1 | 7.1 | 7.2 | 7.8 | 12.5 | 57.6 | 7.0 | 7.2 | 7.2 | 7.7 | 12.6 | 57.3 | 99% | 101% | 100% | 99% | 101% | 99% |
| | | | | | | 50000000 | 7.1 | 7.1 | 7.3 | 7.7 | 12.4 | 58.7 | 7.2 | 7.2 | 7.3 | 7.7 | 12.5 | 57.5 | 100% | 101% | 99% | 101% | 101% | 98% |
| | | | | xeon | cycle | 1000000 | 9.0 | 8.6 | 9.0 | 10.1 | 24.1 | 106.0 | 8.5 | 8.7 | 8.6 | 10.1 | 22.9 | 106.0 | 95% | 101% | 96% | 99% | 95% | 100% |
| | | | | | | 10000000 | 8.7 | 8.3 | 9.0 | 10.9 | 23.7 | 149.3 | 8.6 | 8.3 | 9.1 | 10.2 | 23.9 | 156.6 | 100% | 100% | 101% | 93% | 101% | 105% |
| | | | | | | 100000000 | 8.9 | 8.8 | 8.8 | 11.2 | 23.4 | 154.6 | 9.1 | 9.3 | 9.2 | 10.7 | 23.8 | 161.3 | 102% | 106% | 105% | 95% | 102% | 104% |
| | | | | | random | 1000000 | 8.2 | 8.7 | 8.4 | 9.7 | 22.2 | 98.1 | 9.2 | 9.0 | 8.3 | 9.9 | 21.6 | 103.0 | 113% | 103% | 98% | 102% | 97% | 105% |
| | | | | | | 10000000 | 8.5 | 9.0 | 8.6 | 9.6 | 22.1 | 137.6 | 8.8 | 9.3 | 8.6 | 10.2 | 23.0 | 147.6 | 104% | 104% | 100% | 107% | 104% | 107% |
| | | | | | | 100000000 | 9.1 | 9.2 | 9.9 | 9.8 | 22.9 | 158.9 | 9.2 | 8.2 | 9.3 | 11.6 | 23.7 | 160.8 | 101% | 89% | 94% | 119% | 103% | 101% |
| | | | | | sequential | 1000000 | 8.6 | 9.1 | 8.9 | 10.0 | 15.2 | 68.9 | 9.2 | 8.8 | 8.7 | 9.7 | 15.8 | 69.7 | 107% | 97% | 97% | 97% | 104% | 101% |
| | | | | | | 10000000 | 8.6 | 8.5 | 9.2 | 9.6 | 15.3 | 67.3 | 8.8 | 8.9 | 9.0 | 9.7 | 15.8 | 69.1 | 102% | 104% | 98% | 101% | 103% | 103% |
| | | | | | | 100000000 | 9.4 | 8.8 | 9.2 | 9.8 | 14.9 | 70.5 | 9.4 | 8.6 | 9.3 | 10.2 | 15.6 | 70.1 | 100% | 97% | 102% | 103% | 104% | 99% |
| | | | patched | i5 | cycle | 1000000 | 7.1 | 7.1 | 7.4 | 8.5 | 19.5 | 87.2 | 7.1 | 7.2 | 7.3 | 8.7 | 20.6 | 92.3 | 101% | 101% | 98% | 102% | 106% | 106% |
| | | | | | | 10000000 | 7.1 | 7.1 | 7.3 | 8.6 | 19.4 | 122.7 | 7.2 | 7.1 | 7.3 | 8.8 | 20.5 | 132.6 | 101% | 99% | 100% | 103% | 105% | 108% |
| | | | | | | 50000000 | 7.1 | 7.2 | 7.4 | 8.5 | 19.7 | 123.0 | 7.1 | 7.2 | 7.4 | 8.7 | 20.6 | 132.5 | 100% | 100% | 100% | 102% | 105% | 108% |
| | | | | | random | 1000000 | 7.1 | 7.2 | 7.1 | 8.6 | 18.8 | 83.7 | 7.0 | 7.1 | 7.4 | 8.7 | 19.7 | 88.6 | 99% | 99% | 103% | 101% | 105% | 106% |
| | | | | | | 10000000 | 7.1 | 7.2 | 7.6 | 8.7 | 19.5 | 113.8 | 7.1 | 7.2 | 7.3 | 9.0 | 20.6 | 124.8 | 101% | 101% | 97% | 104% | 106% | 110% |
| | | | | | | 50000000 | 7.2 | 7.2 | 7.6 | 8.9 | 19.5 | 121.1 | 7.1 | 7.2 | 7.5 | 8.9 | 20.7 | 130.7 | 99% | 99% | 99% | 100% | 106% | 108% |
| | | | | | sequential | 1000000 | 7.2 | 7.1 | 7.2 | 7.7 | 12.3 | 56.8 | 7.2 | 7.2 | 7.3 | 7.8 | 12.5 | 60.5 | 100% | 101% | 101% | 100% | 102% | 107% |
| | | | | | | 10000000 | 7.0 | 7.2 | 7.3 | 7.7 | 12.5 | 57.0 | 7.2 | 7.3 | 7.2 | 7.8 | 12.6 | 58.7 | 102% | 101% | 99% | 100% | 100% | 103% |
| | | | | | | 50000000 | 7.1 | 7.2 | 7.2 | 7.7 | 12.5 | 57.4 | 7.1 | 7.1 | 7.3 | 7.7 | 12.7 | 58.8 | 100% | 99% | 101% | 101% | 102% | 102% |
| | | | | xeon | cycle | 1000000 | 8.8 | 8.7 | 9.2 | 10.2 | 24.5 | 105.2 | 8.9 | 9.0 | 9.1 | 10.0 | 23.7 | 116.3 | 101% | 103% | 98% | 98% | 97% | 111% |
| | | | | | | 10000000 | 9.1 | 9.2 | 9.3 | 10.0 | 24.8 | 157.6 | 8.7 | 8.3 | 9.0 | 10.3 | 23.7 | 164.8 | 96% | 91% | 97% | 104% | 96% | 105% |
| | | | | | | 100000000 | 8.5 | 9.5 | 9.1 | 11.3 | 24.9 | 162.0 | 8.9 | 9.1 | 9.1 | 10.9 | 24.5 | 175.2 | 105% | 96% | 100% | 96% | 98% | 108% |
| | | | | | random | 1000000 | 8.7 | 9.0 | 8.5 | 9.5 | 22.3 | 104.5 | 9.0 | 9.0 | 8.7 | 10.7 | 22.9 | 111.1 | 104% | 100% | 103% | 112% | 103% | 106% |
| | | | | | | 10000000 | 8.7 | 8.7 | 8.7 | 11.7 | 22.8 | 148.4 | 8.6 | 8.7 | 8.8 | 10.7 | 24.0 | 163.1 | 99% | 100% | 101% | 92% | 105% | 110% |
| | | | | | | 100000000 | 8.9 | 9.4 | 9.9 | 11.1 | 25.0 | 149.4 | 9.3 | 8.3 | 9.5 | 10.6 | 25.0 | 159.4 | 105% | 88% | 96% | 96% | 100% | 107% |
| | | | | | sequential | 1000000 | 9.2 | 9.1 | 9.4 | 9.7 | 15.3 | 68.9 | 8.9 | 8.8 | 8.7 | 9.8 | 15.2 | 71.5 | 97% | 96% | 93% | 101% | 99% | 104% |
| | | | | | | 10000000 | 8.9 | 8.8 | 9.1 | 10.0 | 14.8 | 69.8 | 9.1 | 9.0 | 9.5 | 9.8 | 15.6 | 71.8 | 103% | 102% | 105% | 98% | 105% | 103% |
| | | | | | | 100000000 | 8.9 | 8.6 | 9.6 | 10.3 | 14.6 | 68.0 | 8.8 | 9.2 | 9.5 | 9.9 | 15.5 | 72.7 | 98% | 108% | 99% | 96% | 106% | 107% |
| | seqscan | | master | i5 | cycle | 1000000 | 143.0 | 144.8 | 142.9 | 145.8 | 152.0 | 185.4 | 145.5 | 142.6 | 143.6 | 147.1 | 148.9 | 184.7 | 102% | 98% | 100% | 101% | 98% | 100% |
| | | | | | | 10000000 | 1340.9 | 1348.1 | 1343.1 | 1341.1 | 1357.4 | 1400.2 | 1345.0 | 1351.3 | 1343.1 | 1349.0 | 1355.2 | 1414.7 | 100% | 100% | 100% | 101% | 100% | 101% |
| | | | | | | 50000000 | 15223.6 | 15206.9 | 15161.3 | 15224.9 | 15148.9 | 15179.4 | 15133.2 | 15132.3 | 15701.1 | 15220.2 | 15159.9 | 15240.8 | 99% | 100% | 104% | 100% | 100% | 100% |
| | | | | | random | 1000000 | 142.4 | 142.3 | 143.4 | 144.5 | 149.0 | 184.0 | 142.9 | 142.1 | 142.8 | 144.4 | 151.0 | 187.4 | 100% | 100% | 100% | 100% | 101% | 102% |
| | | | | | | 10000000 | 1357.2 | 1349.0 | 1384.8 | 1346.6 | 1374.4 | 1409.6 | 1339.2 | 1337.5 | 1387.0 | 1347.8 | 1358.2 | 1399.0 | 99% | 99% | 100% | 100% | 99% | 99% |
| | | | | | | 50000000 | 15132.8 | 16885.3 | 16219.7 | 15346.4 | 15134.4 | 15154.5 | 15149.0 | 16006.3 | 15144.9 | 15126.3 | 15163.3 | 15203.1 | 100% | 95% | 93% | 99% | 100% | 100% |
| | | | | | sequential | 1000000 | 142.7 | 142.3 | 142.3 | 144.1 | 146.7 | 145.8 | 142.8 | 146.2 | 142.3 | 143.8 | 146.6 | 179.8 | 100% | 103% | 100% | 100% | 100% | 123% |
| | | | | | | 10000000 | 1341.3 | 1347.0 | 1348.0 | 1353.6 | 1345.4 | 1350.0 | 1344.9 | 1354.2 | 1341.1 | 1354.9 | 1347.1 | 1384.6 | 100% | 101% | 99% | 100% | 100% | 103% |
| | | | | | | 50000000 | 15184.9 | 15102.9 | 15092.5 | 15468.1 | 15190.4 | 16220.3 | 15166.7 | 15175.9 | 15080.0 | 15178.2 | 15200.9 | 15170.5 | 100% | 100% | 100% | 98% | 100% | 94% |
| | | | | xeon | cycle | 1000000 | 161.5 | 160.0 | 158.3 | 161.1 | 172.1 | 214.0 | 161.3 | 159.4 | 161.0 | 159.8 | 165.5 | 213.0 | 100% | 100% | 102% | 99% | 96% | 100% |
| | | | | | | 10000000 | 1467.8 | 1473.6 | 1476.7 | 1489.5 | 1500.4 | 1553.5 | 1466.2 | 1473.0 | 1493.0 | 1479.9 | 1496.0 | 1551.1 | 100% | 100% | 101% | 99% | 100% | 100% |
| | | | | | | 100000000 | 14988.3 | 14889.1 | 15020.0 | 14778.7 | 14980.2 | 15130.9 | 14989.6 | 14870.5 | 15036.7 | 15000.9 | 15013.6 | 15099.6 | 100% | 100% | 100% | 102% | 100% | 100% |
| | | | | | random | 1000000 | 159.3 | 160.8 | 160.3 | 160.4 | 163.2 | 213.6 | 160.8 | 158.5 | 158.9 | 158.9 | 165.6 | 211.9 | 101% | 99% | 99% | 99% | 101% | 99% |
| | | | | | | 10000000 | 1481.0 | 1499.0 | 1475.0 | 1477.2 | 1507.2 | 1545.9 | 1493.3 | 1523.4 | 1465.6 | 1463.9 | 1497.2 | 1564.5 | 101% | 102% | 99% | 99% | 99% | 101% |
| | | | | | | 100000000 | 14885.0 | 14957.7 | 14810.9 | 14998.1 | 14988.2 | 15374.8 | 15233.1 | 14967.9 | 15112.7 | 14784.1 | 14736.2 | 15116.3 | 102% | 100% | 102% | 99% | 98% | 98% |
| | | | | | sequential | 1000000 | 160.4 | 159.9 | 164.7 | 162.3 | 164.9 | 198.6 | 159.1 | 158.5 | 158.8 | 161.2 | 162.2 | 201.8 | 99% | 99% | 96% | 99% | 98% | 102% |
| | | | | | | 10000000 | 1492.7 | 1466.3 | 1479.6 | 1488.1 | 1471.3 | 1515.9 | 1471.7 | 1489.6 | 1559.1 | 1491.7 | 1500.0 | 1517.8 | 99% | 102% | 105% | 100% | 102% | 100% |
| | | | | | | 100000000 | 14861.5 | 14790.1 | 14873.2 | 15433.2 | 14748.9 | 14854.9 | 14960.2 | 14681.2 | 14815.9 | 14967.7 | 15068.4 | 14999.4 | 101% | 99% | 100% | 97% | 102% | 101% |
| | | | patched | i5 | cycle | 1000000 | 142.5 | 145.8 | 142.5 | 143.7 | 153.1 | 183.3 | 145.1 | 144.8 | 142.4 | 144.6 | 148.9 | 184.7 | 102% | 99% | 100% | 101% | 97% | 101% |
| | | | | | | 10000000 | 1345.5 | 1336.1 | 1336.7 | 1343.0 | 1357.2 | 1419.4 | 1361.2 | 1337.9 | 1335.2 | 1342.2 | 1352.2 | 1392.5 | 101% | 100% | 100% | 100% | 100% | 98% |
| | | | | | | 50000000 | 15158.8 | 16268.3 | 16481.2 | 15182.8 | 15106.3 | 15070.0 | 15144.6 | 15077.1 | 15155.1 | 15141.4 | 15106.7 | 15151.7 | 100% | 93% | 92% | 100% | 100% | 101% |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | random | 1000000 | 143.0 | 141.8 | 142.7 | 143.4 | 148.7 | 185.0 | 144.9 | 141.7 | 143.5 | 143.2 | 148.7 | 189.0 | 101% | 100% | 101% | 100% | 100% | 102% |
| | | | | | | 10000000 | 1337.6 | 1351.9 | 1341.1 | 1358.5 | 1348.2 | 1390.9 | 1349.4 | 1339.6 | 1332.7 | 1347.4 | 1353.4 | 1415.4 | 101% | 99% | 99% | 99% | 100% | 102% |
| | | | | | | 50000000 | 15191.4 | 15155.8 | 15184.5 | 15135.8 | 15206.2 | 15154.2 | 15133.8 | 15101.3 | 15131.9 | 16351.9 | 15654.8 | 15086.3 | 100% | 100% | 100% | 108% | 103% | 100% |
| | | | | | sequential | 1000000 | 141.8 | 141.8 | 142.5 | 145.0 | 149.2 | 143.0 | 142.9 | 141.9 | 142.4 | 142.0 | 146.9 | 177.6 | 101% | 100% | 100% | 98% | 98% | 124% |
| | | | | | | 10000000 | 1341.5 | 1348.1 | 1334.9 | 1337.8 | 1352.9 | 1389.6 | 1334.7 | 1341.7 | 1340.0 | 1334.3 | 1340.3 | 1382.7 | 99% | 100% | 100% | 100% | 99% | 100% |
| | | | | | | 50000000 | 15489.9 | 15021.0 | 15087.2 | 15151.8 | 15115.8 | 15250.2 | 16506.0 | 15130.2 | 15105.9 | 15087.6 | 15172.8 | 15180.4 | 107% | 101% | 100% | 100% | 100% | 100% |
| | | | | xeon | cycle | 1000000 | 156.4 | 158.5 | 158.9 | 156.8 | 164.7 | 208.6 | 156.3 | 157.1 | 159.8 | 158.1 | 165.8 | 214.0 | 100% | 99% | 101% | 101% | 101% | 103% |
| | | | | | | 10000000 | 1455.5 | 1456.3 | 1474.5 | 1448.8 | 1455.1 | 1530.8 | 1478.4 | 1466.9 | 1461.1 | 1452.5 | 1471.4 | 1542.4 | 102% | 101% | 99% | 100% | 101% | 101% |
| | | | | | | 100000000 | 14749.7 | 14745.9 | 14781.8 | 14680.1 | 14892.0 | 14907.6 | 14529.1 | 14515.6 | 14629.9 | 14739.9 | 14610.7 | 14866.5 | 99% | 98% | 99% | 100% | 98% | 100% |
| | | | | | random | 1000000 | 159.8 | 158.5 | 158.0 | 157.3 | 165.6 | 209.7 | 158.8 | 158.8 | 157.9 | 159.0 | 165.2 | 216.0 | 99% | 100% | 100% | 101% | 100% | 103% |
| | | | | | | 10000000 | 1473.3 | 1476.9 | 1454.9 | 1468.7 | 1474.9 | 1531.4 | 1536.5 | 1455.2 | 1449.7 | 1470.2 | 1468.4 | 1523.8 | 104% | 99% | 100% | 100% | 100% | 100% |
| | | | | | | 100000000 | 15193.5 | 14779.2 | 14692.8 | 14859.8 | 14599.1 | 14878.7 | 14749.7 | 14746.1 | 14930.5 | 14757.3 | 14807.7 | 14944.4 | 97% | 100% | 102% | 99% | 101% | 100% |
| | | | | | sequential | 1000000 | 160.5 | 155.6 | 156.6 | 161.5 | 161.7 | 157.1 | 156.5 | 157.6 | 156.6 | 158.5 | 161.5 | 157.3 | 98% | 101% | 100% | 98% | 100% | 100% |
| | | | | | | 10000000 | 1475.1 | 1459.3 | 1503.7 | 1493.4 | 1457.1 | 1450.0 | 1471.4 | 1469.8 | 1474.4 | 1472.5 | 1458.9 | 1493.7 | 100% | 101% | 98% | 99% | 100% | 103% |
| | | | | | | 100000000 | 14693.7 | 14507.7 | 14803.6 | 14781.7 | 14810.0 | 14562.5 | 14601.4 | 14551.6 | 14559.3 | 14785.9 | 14893.4 | 14642.1 | 99% | 100% | 98% | 100% | 101% | 101% |
| uncached | btree | bitmapscan | master | i5 | cycle | 1000000 | 11.3 | 12.8 | 25.3 | 164.6 | 1553.9 | 502.2 | 11.7 | 12.3 | 13.7 | 33.3 | 197.4 | 833.1 | 104% | 96% | 54% | 20% | 13% | 166% |
| | | | | | | 10000000 | 12.0 | 13.7 | 25.4 | 167.6 | 1545.6 | 15283.5 | 11.9 | 12.4 | 14.0 | 33.0 | 185.8 | 1709.2 | 100% | 90% | 55% | 20% | 12% | 11% |
| | | | | | | 50000000 | 12.5 | 14.7 | 28.3 | 167.6 | 1560.5 | 15484.7 | 12.7 | 13.4 | 16.4 | 32.3 | 188.8 | 1783.3 | 101% | 91% | 58% | 19% | 12% | 12% |
| | | | | | random | 1000000 | 11.5 | 14.3 | 25.5 | 172.4 | 1025.7 | 444.7 | 11.7 | 12.0 | 15.6 | 30.6 | 187.7 | 735.4 | 102% | 84% | 61% | 18% | 18% | 165% |
| | | | | | | 10000000 | 13.0 | 13.5 | 23.9 | 167.6 | 1583.1 | 9425.5 | 12.4 | 12.1 | 15.4 | 32.4 | 187.0 | 1642.0 | 96% | 90% | 65% | 19% | 12% | 17% |
| | | | | | | 50000000 | 12.5 | 14.8 | 27.8 | 169.8 | 1554.9 | 15659.4 | 12.5 | 13.1 | 16.1 | 32.2 | 193.4 | 1695.8 | 100% | 88% | 58% | 19% | 12% | 11% |
| | | | | | sequential | 1000000 | 11.9 | 12.1 | 12.6 | 15.1 | 23.0 | 87.5 | 11.7 | 11.6 | 12.6 | 15.5 | 25.1 | 130.3 | 98% | 96% | 99% | 103% | 109% | 149% |
| | | | | | | 10000000 | 11.9 | 11.5 | 12.2 | 17.3 | 23.9 | 118.2 | 11.5 | 11.4 | 12.0 | 17.6 | 30.0 | 126.6 | 97% | 99% | 98% | 102% | 125% | 107% |
| | | | | | | 50000000 | 12.4 | 12.3 | 12.6 | 15.8 | 23.2 | 90.4 | 12.6 | 12.2 | 12.9 | 15.6 | 24.6 | 156.6 | 102% | 99% | 103% | 99% | 106% | 173% |
| | | | | xeon | cycle | 1000000 | 12.4 | 13.1 | 23.7 | 113.8 | 286.4 | 375.7 | 12.0 | 13.0 | 14.1 | 25.6 | 144.1 | 503.2 | 97% | 99% | 59% | 22% | 50% | 134% |
| | | | | | | 10000000 | 13.0 | 12.8 | 22.3 | 123.9 | 1021.4 | 4314.6 | 11.8 | 12.2 | 13.1 | 28.6 | 144.0 | 1305.5 | 91% | 95% | 59% | 23% | 14% | 30% |
| | | | | | | 100000000 | 12.6 | 15.0 | 25.7 | 124.7 | 1099.6 | 10079.1 | 12.2 | 12.9 | 15.6 | 26.3 | 125.7 | 1307.6 | 97% | 86% | 61% | 21% | 11% | 13% |
| | | | | | random | 1000000 | 11.7 | 12.8 | 22.6 | 118.7 | 503.5 | 373.5 | 12.1 | 12.9 | 14.0 | 24.8 | 111.9 | 457.8 | 103% | 101% | 62% | 21% | 22% | 123% |
| | | | | | | 10000000 | 11.0 | 13.8 | 20.9 | 122.7 | 1079.6 | 4928.5 | 11.9 | 12.4 | 12.4 | 25.9 | 138.1 | 1051.3 | 108% | 90% | 59% | 21% | 13% | 21% |
| | | | | | | 100000000 | 12.2 | 12.8 | 25.3 | 124.6 | 1106.3 | 10803.1 | 12.0 | 12.1 | 15.7 | 27.3 | 128.3 | 1269.7 | 98% | 95% | 62% | 22% | 12% | 12% |
| | | | | | sequential | 1000000 | 12.1 | 14.1 | 14.2 | 14.4 | 23.6 | 93.0 | 11.7 | 12.8 | 13.0 | 13.9 | 24.0 | 105.7 | 96% | 91% | 92% | 96% | 101% | 114% |
| | | | | | | 10000000 | 12.3 | 12.5 | 12.9 | 13.8 | 22.2 | 94.4 | 12.5 | 11.5 | 12.8 | 13.2 | 23.9 | 107.4 | 102% | 92% | 99% | 96% | 108% | 114% |
| | | | | | | 100000000 | 12.2 | 13.0 | 12.2 | 13.5 | 22.9 | 95.4 | 13.3 | 13.1 | 13.1 | 13.1 | 23.6 | 108.8 | 109% | 101% | 107% | 97% | 103% | 114% |
| | | | patched | i5 | cycle | 1000000 | 12.4 | 12.7 | 25.7 | 163.2 | 1563.8 | 426.0 | 11.7 | 12.3 | 13.9 | 30.8 | 185.0 | 806.2 | 95% | 97% | 54% | 19% | 12% | 189% |
| | | | | | | 10000000 | 12.1 | 13.5 | 26.5 | 168.3 | 1534.2 | 15250.1 | 11.6 | 12.8 | 14.0 | 34.2 | 192.1 | 1720.2 | 96% | 95% | 53% | 20% | 13% | 11% |
| | | | | | | 50000000 | 12.4 | 13.7 | 27.3 | 168.6 | 1616.5 | 15427.9 | 11.9 | 13.5 | 15.1 | 33.6 | 193.6 | 1711.5 | 96% | 98% | 55% | 20% | 12% | 11% |
| | | | | | random | 1000000 | 11.6 | 13.4 | 25.3 | 172.2 | 1106.8 | 481.8 | 11.9 | 12.1 | 14.0 | 30.7 | 182.4 | 722.3 | 102% | 91% | 55% | 18% | 16% | 150% |
| | | | | | | 10000000 | 12.4 | 13.6 | 27.9 | 167.7 | 1615.8 | 9408.9 | 11.7 | 12.8 | 14.6 | 31.2 | 201.0 | 1529.3 | 94% | 94% | 52% | 19% | 12% | 16% |
| | | | | | | 50000000 | 12.0 | 13.3 | 28.9 | 162.7 | 1554.8 | 15657.7 | 12.4 | 13.2 | 15.8 | 32.2 | 191.2 | 1670.1 | 103% | 99% | 55% | 20% | 12% | 11% |
| | | | | | sequential | 1000000 | 11.7 | 11.5 | 12.7 | 14.9 | 24.4 | 115.5 | 12.3 | 12.2 | 12.3 | 15.4 | 25.3 | 126.7 | 106% | 106% | 97% | 103% | 104% | 110% |
| | | | | | | 10000000 | 12.1 | 11.6 | 12.6 | 16.0 | 25.3 | 121.9 | 11.7 | 12.0 | 11.9 | 16.1 | 26.4 | 127.0 | 97% | 103% | 94% | 101% | 104% | 104% |
| | | | | | | 50000000 | 12.7 | 12.4 | 12.1 | 15.4 | 24.3 | 90.0 | 12.0 | 11.7 | 12.0 | 17.3 | 26.5 | 155.3 | 94% | 95% | 100% | 112% | 109% | 173% |
| | | | | xeon | cycle | 1000000 | 12.6 | 14.3 | 23.4 | 114.6 | 286.9 | 380.3 | 12.1 | 13.1 | 13.6 | 27.6 | 144.6 | 505.7 | 96% | 92% | 58% | 24% | 50% | 133% |
| | | | | | | 10000000 | 12.2 | 15.0 | 22.4 | 122.3 | 1028.3 | 4360.2 | 12.7 | 12.8 | 13.3 | 26.6 | 141.1 | 1302.5 | 104% | 86% | 59% | 22% | 14% | 30% |
| | | | | | | 100000000 | 13.1 | 14.5 | 26.6 | 122.4 | 1102.2 | 10202.6 | 13.6 | 13.4 | 15.2 | 28.3 | 123.2 | 1290.1 | 104% | 92% | 57% | 23% | 11% | 13% |
| | | | | | random | 1000000 | 12.3 | 13.4 | 24.1 | 120.3 | 514.8 | 358.9 | 12.1 | 13.0 | 14.0 | 24.5 | 112.1 | 458.0 | 98% | 98% | 58% | 20% | 22% | 128% |
| | | | | | | 10000000 | 12.8 | 14.4 | 23.2 | 123.3 | 1084.6 | 4958.2 | 12.0 | 13.7 | 14.0 | 26.8 | 138.9 | 1042.8 | 94% | 95% | 60% | 22% | 13% | 21% |
| | | | | | | 100000000 | 13.2 | 15.6 | 26.4 | 125.9 | 1091.5 | 10766.6 | 13.0 | 12.7 | 17.3 | 29.9 | 124.3 | 1252.3 | 98% | 82% | 65% | 24% | 11% | 12% |
| | | | | | sequential | 1000000 | 12.7 | 13.5 | 13.0 | 15.2 | 23.2 | 93.4 | 12.5 | 12.6 | 13.2 | 14.3 | 24.1 | 107.1 | 98% | 94% | 102% | 94% | 104% | 115% |
| | | | | | | 10000000 | 12.8 | 13.2 | 13.2 | 13.9 | 24.1 | 95.4 | 12.3 | 12.5 | 12.4 | 14.2 | 23.6 | 108.5 | 96% | 95% | 94% | 102% | 98% | 114% |
| | | | | | | 100000000 | 14.4 | 13.1 | 14.2 | 14.2 | 23.3 | 96.6 | 14.5 | 13.7 | 14.0 | 14.8 | 24.5 | 107.3 | 101% | 104% | 99% | 105% | 105% | 111% |
| | | indexscan | master | i5 | cycle | 1000000 | 11.6 | 13.0 | 26.0 | 165.9 | 1532.2 | 446.8 | 11.8 | 12.6 | 25.4 | 164.1 | 1551.2 | 439.9 | 101% | 97% | 97% | 99% | 101% | 98% |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10000000 | 11.5 | 13.0 | 26.0 | 166.8 | 1527.0 | 15197.9 | 11.3 | 13.2 | 25.4 | 164.6 | 1524.1 | 15191.8 | 98% | 101% | 98% | 99% | 100% | 100% |
| | | | | | 50000000 | 11.9 | 14.1 | 28.0 | 167.9 | 1524.3 | 15403.3 | 13.0 | 14.2 | 28.9 | 170.1 | 1547.7 | 15740.4 | 109% | 101% | 103% | 101% | 102% | 102% |
| | | | | random | 1000000 | 12.1 | 12.5 | 27.4 | 168.9 | 1032.2 | 468.3 | 11.1 | 13.4 | 26.1 | 164.9 | 1101.2 | 464.0 | 91% | 107% | 96% | 98% | 107% | 99% |
| | | | | | 10000000 | 11.9 | 13.5 | 26.9 | 168.4 | 1572.4 | 9368.1 | 11.8 | 12.7 | 26.3 | 164.7 | 1571.7 | 10521.8 | 99% | 94% | 98% | 98% | 100% | 112% |
| | | | | | 50000000 | 12.0 | 13.3 | 25.6 | 164.6 | 1544.5 | 15605.6 | 11.9 | 14.2 | 26.4 | 169.4 | 1553.8 | 15210.0 | 99% | 107% | 103% | 103% | 101% | 97% |
| | | | | sequential | 1000000 | 11.4 | 11.2 | 11.7 | 15.7 | 22.4 | 122.1 | 11.2 | 11.8 | 12.1 | 15.7 | 24.7 | 119.0 | 99% | 105% | 104% | 100% | 110% | 97% |
| | | | | | 10000000 | 12.0 | 11.6 | 12.8 | 17.2 | 25.7 | 88.2 | 11.6 | 11.5 | 11.8 | 17.0 | 23.1 | 121.1 | 96% | 99% | 92% | 99% | 90% | 137% |
| | | | | | 50000000 | 12.4 | 12.7 | 12.8 | 15.7 | 24.0 | 119.4 | 11.9 | 12.3 | 12.5 | 16.5 | 25.4 | 91.7 | 96% | 97% | 98% | 105% | 106% | 77% |
| | | | xeon | cycle | 1000000 | 12.2 | 12.6 | 22.2 | 111.0 | 355.9 | 355.6 | 11.9 | 13.1 | 22.8 | 111.8 | 376.7 | 357.5 | 97% | 104% | 103% | 101% | 106% | 101% |
| | | | | | 10000000 | 12.6 | 12.3 | 22.0 | 122.5 | 1029.4 | 4310.8 | 11.5 | 12.9 | 22.1 | 122.6 | 1025.2 | 4388.2 | 91% | 104% | 100% | 100% | 100% | 102% |
| | | | | | 100000000 | 12.4 | 14.6 | 26.4 | 125.3 | 1097.8 | 10150.1 | 11.8 | 13.9 | 25.7 | 120.8 | 1093.1 | 10070.9 | 95% | 95% | 97% | 96% | 100% | 99% |
| | | | | random | 1000000 | 11.5 | 13.0 | 22.1 | 120.9 | 505.6 | 352.5 | 11.7 | 12.6 | 23.3 | 116.8 | 506.7 | 351.5 | 102% | 97% | 105% | 97% | 100% | 100% |
| | | | | | 10000000 | 11.1 | 12.8 | 21.6 | 117.5 | 1073.7 | 4882.0 | 11.6 | 13.4 | 21.1 | 121.7 | 1078.9 | 4893.3 | 105% | 105% | 98% | 104% | 100% | 100% |
| | | | | | 100000000 | 12.5 | 12.8 | 27.3 | 123.3 | 1102.2 | 10711.3 | 12.2 | 14.2 | 26.4 | 126.2 | 1102.7 | 10728.2 | 97% | 111% | 97% | 102% | 100% | 100% |
| | | | | sequential | 1000000 | 12.1 | 12.9 | 13.2 | 14.3 | 22.2 | 94.2 | 11.8 | 12.4 | 12.6 | 14.1 | 22.3 | 94.5 | 98% | 96% | 95% | 98% | 100% | 100% |
| | | | | | 10000000 | 12.0 | 11.5 | 12.3 | 14.3 | 21.6 | 95.5 | 12.2 | 12.5 | 11.7 | 14.0 | 23.6 | 99.2 | 102% | 109% | 95% | 98% | 109% | 104% |
| | | | | | 100000000 | 12.3 | 12.2 | 12.6 | 14.1 | 21.9 | 95.0 | 13.1 | 12.5 | 13.0 | 13.1 | 22.4 | 95.6 | 107% | 102% | 103% | 93% | 102% | 101% |
| | | patched | i5 | cycle | 1000000 | 12.2 | 12.7 | 25.5 | 163.7 | 1538.9 | 438.0 | 11.6 | 11.8 | 13.7 | 31.5 | 193.2 | 423.2 | 95% | 93% | 54% | 19% | 13% | 97% |
| | | | | | 10000000 | 11.5 | 13.5 | 25.8 | 163.2 | 1525.3 | 15291.1 | 11.7 | 12.3 | 14.0 | 33.0 | 183.5 | 1686.2 | 102% | 91% | 54% | 20% | 12% | 11% |
| | | | | | 50000000 | 12.2 | 13.9 | 27.5 | 166.2 | 1649.0 | 15467.3 | 11.9 | 13.0 | 16.2 | 34.2 | 184.5 | 1693.6 | 97% | 93% | 59% | 21% | 11% | 11% |
| | | | | random | 1000000 | 11.7 | 13.6 | 25.2 | 165.2 | 1083.1 | 439.6 | 11.2 | 12.5 | 13.4 | 30.5 | 191.3 | 449.1 | 96% | 92% | 53% | 18% | 18% | 102% |
| | | | | | 10000000 | 11.6 | 13.5 | 26.2 | 163.7 | 1609.3 | 9397.6 | 11.3 | 12.0 | 14.6 | 31.9 | 196.9 | 1643.4 | 97% | 89% | 56% | 19% | 12% | 17% |
| | | | | | 50000000 | 11.9 | 14.4 | 27.1 | 175.3 | 1552.4 | 15084.1 | 12.0 | 13.4 | 15.4 | 32.6 | 188.0 | 1641.5 | 101% | 93% | 57% | 19% | 12% | 11% |
| | | | | sequential | 1000000 | 11.5 | 11.5 | 11.6 | 16.3 | 22.9 | 90.1 | 12.0 | 12.4 | 12.1 | 14.9 | 25.6 | 120.0 | 105% | 108% | 104% | 91% | 112% | 133% |
| | | | | | 10000000 | 12.2 | 11.6 | 12.0 | 17.8 | 22.4 | 87.5 | 11.5 | 12.0 | 12.4 | 16.1 | 25.7 | 122.7 | 95% | 104% | 103% | 90% | 115% | 140% |
| | | | | | 50000000 | 12.0 | 11.8 | 12.6 | 16.1 | 23.0 | 118.5 | 11.8 | 11.8 | 12.4 | 15.7 | 22.8 | 92.8 | 98% | 100% | 98% | 97% | 99% | 78% |
| | | | xeon | cycle | 1000000 | 12.2 | 13.2 | 22.3 | 114.4 | 328.2 | 361.3 | 11.8 | 13.1 | 13.8 | 26.8 | 138.0 | 362.7 | 97% | 99% | 62% | 23% | 42% | 100% |
| | | | | | 10000000 | 12.5 | 13.2 | 22.0 | 123.4 | 1022.0 | 4366.7 | 12.0 | 12.6 | 13.0 | 26.4 | 137.7 | 1258.0 | 97% | 96% | 59% | 21% | 13% | 29% |
| | | | | | 100000000 | 12.6 | 14.5 | 26.7 | 123.1 | 1099.8 | 10228.3 | 13.2 | 14.4 | 16.3 | 28.2 | 121.5 | 1249.1 | 105% | 99% | 61% | 23% | 11% | 12% |
| | | | | random | 1000000 | 12.2 | 13.1 | 24.6 | 121.5 | 484.1 | 347.7 | 12.2 | 12.9 | 13.8 | 23.7 | 123.5 | 359.9 | 100% | 99% | 56% | 19% | 26% | 104% |
| | | | | | 10000000 | 13.2 | 13.5 | 22.9 | 124.9 | 1096.4 | 4895.7 | 12.6 | 13.0 | 13.0 | 26.3 | 134.8 | 1122.8 | 95% | 97% | 57% | 21% | 12% | 23% |
| | | | | | 100000000 | 13.1 | 15.2 | 25.7 | 125.1 | 1109.5 | 10773.6 | 12.2 | 12.5 | 16.8 | 28.0 | 120.2 | 1217.3 | 93% | 82% | 65% | 22% | 11% | 11% |
| | | | | sequential | 1000000 | 12.4 | 12.3 | 13.3 | 15.1 | 22.9 | 95.7 | 12.3 | 12.5 | 13.2 | 14.3 | 22.7 | 98.7 | 99% | 101% | 99% | 95% | 99% | 103% |
| | | | | | 10000000 | 12.1 | 12.2 | 13.8 | 14.0 | 23.6 | 97.3 | 12.1 | 12.5 | 12.7 | 13.7 | 23.0 | 97.8 | 100% | 102% | 92% | 98% | 97% | 100% |
| | | | | | 100000000 | 14.7 | 13.4 | 13.6 | 13.9 | 23.9 | 96.2 | 13.7 | 13.9 | 13.9 | 14.4 | 24.4 | 99.4 | 93% | 103% | 102% | 104% | 102% | 103% |
| | seqscan | master | i5 | cycle | 1000000 | 362.4 | 401.0 | 382.3 | 354.4 | 369.4 | 462.5 | 369.1 | 375.9 | 346.1 | 350.5 | 365.5 | 377.5 | 102% | 94% | 91% | 99% | 99% | 82% |
| | | | | | 10000000 | 3157.5 | 3135.0 | 3181.9 | 3156.4 | 3190.1 | 3209.6 | 3136.6 | 3190.6 | 3147.7 | 3114.0 | 3077.5 | 3170.5 | 99% | 102% | 99% | 99% | 96% | 99% |
| | | | | | 50000000 | 15608.6 | 15231.0 | 16458.6 | 15195.5 | 15143.1 | 15099.9 | 15711.4 | 15131.5 | 14976.3 | 15083.5 | 15114.0 | 15142.8 | 101% | 99% | 91% | 99% | 100% | 100% |
| | | | | random | 1000000 | 411.7 | 375.1 | 377.5 | 353.7 | 395.5 | 402.2 | 372.4 | 401.7 | 375.5 | 375.6 | 338.5 | 381.2 | 90% | 107% | 99% | 106% | 86% | 95% |
| | | | | | 10000000 | 3052.6 | 3183.1 | 3181.3 | 3175.9 | 3211.7 | 3154.5 | 3109.0 | 3163.7 | 3155.6 | 3209.9 | 3186.7 | 3560.6 | 102% | 99% | 99% | 101% | 99% | 113% |
| | | | | | 50000000 | 15148.0 | 16398.9 | 15204.7 | 15621.1 | 15115.3 | 15146.1 | 15141.5 | 15153.4 | 15189.8 | 16091.5 | 15089.2 | 15138.0 | 100% | 92% | 100% | 103% | 100% | 100% |
| | | | | sequential | 1000000 | 369.2 | 364.0 | 339.7 | 366.0 | 436.0 | 435.0 | 404.3 | 386.5 | 335.3 | 397.6 | 383.9 | 425.4 | 110% | 106% | 99% | 109% | 88% | 98% |
| | | | | | 10000000 | 3121.2 | 3379.1 | 3395.9 | 3165.8 | 3679.2 | 3164.7 | 3099.6 | 3175.0 | 3186.4 | 3137.8 | 3420.5 | 3129.2 | 99% | 94% | 94% | 99% | 93% | 99% |
| | | | | | 50000000 | 15086.9 | 15199.5 | 15740.7 | 15195.8 | 16197.5 | 15191.5 | 15118.1 | 15199.5 | 15115.9 | 15123.5 | 15808.3 | 15130.1 | 100% | 100% | 96% | 100% | 98% | 100% |
| | | | xeon | cycle | 1000000 | 249.7 | 245.5 | 243.1 | 245.7 | 181.9 | 279.0 | 244.7 | 245.4 | 243.8 | 247.2 | 244.9 | 278.0 | 98% | 100% | 100% | 101% | 135% | 100% |
| | | | | | 10000000 | 2179.6 | 2191.6 | 2193.7 | 2187.4 | 2196.9 | 2234.4 | 2189.5 | 2190.6 | 2181.4 | 2176.8 | 2210.7 | 2219.9 | 100% | 100% | 99% | 100% | 101% | 99% |
| | | | | | 100000000 | 21311.0 | 21434.6 | 21394.4 | 21405.6 | 21566.6 | 21676.8 | 21313.9 | 21519.2 | 21479.4 | 21436.1 | 21480.4 | 21628.6 | 100% | 100% | 100% | 100% | 100% | 100% |
| | | | | random | 1000000 | 247.8 | 240.9 | 245.2 | 244.5 | 246.3 | 275.5 | 245.9 | 239.8 | 245.2 | 243.7 | 190.9 | 276.6 | 99% | 100% | 100% | 100% | 78% | 100% |
| | | | | | 10000000 | 2190.3 | 2186.4 | 2178.1 | 2175.3 | 2188.4 | 2253.1 | 2203.7 | 2194.3 | 2191.4 | 2176.3 | 2199.1 | 2244.7 | 101% | 100% | 101% | 100% | 100% | 100% |
| | | | | | 100000000 | 21725.5 | 21379.6 | 21393.1 | 21260.1 | 21518.2 | 21575.4 | 21759.7 | 21423.0 | 21334.5 | 21160.1 | 21549.6 | 21491.3 | 100% | 100% | 100% | 100% | 100% | 100% |
| | | | | sequential | 1000000 | 244.1 | 247.2 | 248.7 | 245.4 | 251.1 | 243.4 | 243.4 | 247.4 | 245.3 | 245.4 | 253.0 | 225.3 | 100% | 100% | 99% | 100% | 101% | 93% |
| | | | | | 10000000 | 2185.8 | 2186.7 | 2192.7 | 2205.3 | 2204.8 | 2212.2 | 2193.7 | 2183.8 | 2201.4 | 2192.1 | 2199.4 | 2205.7 | 100% | 100% | 100% | 99% | 100% | 100% |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 100000000 | 21848.8 | 21442.5 | 21388.6 | 21380.0 | 21551.0 | 21495.5 | 22039.2 | 21547.6 | 21437.0 | 21419.9 | 21442.7 | 21460.2 | 101% | 100% | 100% | 100% | 99% | 100% |
| | | | patched | i5 | cycle | 1000000 | 359.5 | 413.4 | 361.8 | 365.4 | 350.1 | 368.6 | 373.8 | 370.4 | 360.5 | 354.6 | 346.2 | 343.2 | 104% | 90% | 100% | 97% | 99% | 93% |
| | | | | | | 10000000 | 3149.3 | 3307.8 | 3171.0 | 3076.2 | 3165.2 | 3180.9 | 3105.3 | 3125.1 | 3085.7 | 3078.8 | 3118.1 | 3138.9 | 99% | 94% | 97% | 100% | 99% | 99% |
| | | | | | | 50000000 | 15174.4 | 15128.6 | 15851.4 | 15180.4 | 15082.3 | 15193.9 | 15157.7 | 15188.0 | 15107.9 | 15199.9 | 15595.2 | 15172.1 | 100% | 100% | 95% | 100% | 103% | 100% |
| | | | | | random | 1000000 | 388.1 | 360.2 | 346.2 | 371.1 | 426.8 | 394.9 | 402.8 | 354.6 | 332.2 | 360.2 | 357.0 | 364.1 | 104% | 98% | 96% | 97% | 84% | 92% |
| | | | | | | 10000000 | 3104.4 | 3112.4 | 3172.0 | 3208.1 | 3423.2 | 3122.3 | 3124.0 | 3175.2 | 3176.0 | 3155.6 | 3302.3 | 3135.7 | 101% | 102% | 100% | 98% | 96% | 100% |
| | | | | | | 50000000 | 15139.5 | 15160.3 | 15180.2 | 15114.5 | 15161.1 | 15377.1 | 16081.9 | 15215.7 | 15089.8 | 15121.2 | 15158.5 | 15151.4 | 106% | 100% | 99% | 100% | 100% | 99% |
| | | | | | sequential | 1000000 | 396.9 | 389.5 | 345.7 | 401.7 | 356.1 | 448.3 | 371.6 | 357.8 | 320.0 | 354.5 | 389.8 | 368.1 | 94% | 92% | 93% | 88% | 109% | 82% |
| | | | | | | 10000000 | 3163.6 | 3147.5 | 3236.5 | 3164.1 | 3199.0 | 3170.8 | 3089.6 | 3157.1 | 3167.5 | 3114.7 | 3202.6 | 3123.1 | 98% | 100% | 98% | 98% | 100% | 98% |
| | | | | | | 50000000 | 15110.1 | 15138.5 | 15106.2 | 15137.8 | 15901.3 | 15297.0 | 15064.3 | 15813.9 | 15132.4 | 15811.9 | 15126.0 | 15197.4 | 100% | 104% | 100% | 104% | 95% | 99% |
| | | | | xeon | cycle | 1000000 | 247.1 | 248.5 | 244.4 | 245.0 | 244.6 | 240.7 | 244.1 | 244.4 | 241.4 | 247.8 | 244.6 | 240.5 | 99% | 98% | 99% | 101% | 100% | 100% |
| | | | | | | 10000000 | 2179.3 | 2191.0 | 2179.2 | 2180.9 | 2196.2 | 2215.7 | 2167.6 | 2191.7 | 2179.2 | 2177.5 | 2192.7 | 2215.1 | 99% | 100% | 100% | 100% | 100% | 100% |
| | | | | | | 100000000 | 21211.1 | 21330.0 | 21248.7 | 21343.5 | 21399.1 | 21501.8 | 21249.0 | 21376.0 | 21492.5 | 21381.9 | 21478.9 | 21537.8 | 100% | 100% | 101% | 100% | 100% | 100% |
| | | | | | random | 1000000 | 243.7 | 237.3 | 243.0 | 246.3 | 185.1 | 277.1 | 243.8 | 241.6 | 243.1 | 243.9 | 241.4 | 274.7 | 100% | 102% | 100% | 99% | 130% | 99% |
| | | | | | | 10000000 | 2206.4 | 2195.9 | 2186.8 | 2177.1 | 2185.7 | 2228.4 | 2198.9 | 2185.8 | 2185.8 | 2165.6 | 2156.7 | 2241.7 | 100% | 100% | 100% | 99% | 99% | 101% |
| | | | | | | 100000000 | 21628.2 | 21300.0 | 21351.6 | 21111.6 | 21462.8 | 21426.7 | 21738.6 | 21430.5 | 21383.7 | 21198.5 | 21344.9 | 21450.2 | 101% | 101% | 100% | 100% | 99% | 100% |
| | | | | | sequential | 1000000 | 243.2 | 247.9 | 248.1 | 244.5 | 244.7 | 241.7 | 244.8 | 242.7 | 243.5 | 248.3 | 249.6 | 238.8 | 101% | 98% | 98% | 102% | 102% | 99% |
| | | | | | | 10000000 | 2183.9 | 2178.6 | 2184.0 | 2189.3 | 2195.4 | 2197.2 | 2178.0 | 2185.3 | 2223.4 | 2176.3 | 2195.1 | 2205.8 | 100% | 100% | 102% | 99% | 100% | 100% |
| | | | | | | 100000000 | 21727.5 | 21450.5 | 21394.8 | 21273.6 | 21429.9 | 21366.4 | 21733.5 | 21414.9 | 21490.1 | 21305.2 | 21552.1 | 21364.4 | 100% | 100% | 100% | 100% | 101% | 100% |
| | btree-sort | bitmapscan | master | i5 | cycle | 1000000 | 231.2 | 273.4 | 501.3 | 592.8 | 575.5 | 640.6 | 548.3 | 468.9 | 406.3 | 441.7 | 659.1 | 994.4 | 237% | 172% | 81% | 75% | 115% | 155% |
| | | | | | | 10000000 | 2009.7 | 2294.0 | 2287.5 | 4113.4 | 4668.8 | 4743.0 | 3444.2 | 3245.7 | 4194.1 | 4276.9 | 3795.5 | 4948.6 | 171% | 141% | 183% | 104% | 81% | 104% |
| | | | | | | 50000000 | 9496.9 | 10014.6 | 8857.5 | 11557.1 | 21661.6 | 26880.5 | 16267.3 | 20956.6 | 16860.0 | 17368.7 | 20908.7 | 20001.4 | 171% | 209% | 190% | 150% | 97% | 74% |
| | | | | | random | 1000000 | 499.0 | 461.4 | 454.2 | 477.8 | 550.0 | 564.9 | 909.8 | 887.8 | 889.6 | 843.6 | 892.0 | 934.3 | 182% | 192% | 196% | 177% | 162% | 165% |
| | | | | | | 10000000 | 3973.2 | 3772.4 | 3861.5 | 3920.1 | 3791.7 | 4229.0 | 7063.6 | 7019.4 | 6857.6 | 7005.5 | 7178.3 | 7608.8 | 178% | 186% | 178% | 179% | 189% | 180% |
| | | | | | | 50000000 | 18799.9 | 17997.4 | 17629.0 | 18469.6 | 18197.0 | 17995.6 | 35028.6 | 33691.3 | 33898.2 | 34409.1 | 34781.8 | 35240.7 | 186% | 187% | 192% | 186% | 191% | 196% |
| | | | | | sequential | 1000000 | 286.3 | 290.0 | 218.4 | 269.6 | 263.0 | 367.6 | 525.3 | 561.6 | 449.8 | 538.3 | 510.2 | 580.2 | 183% | 194% | 206% | 200% | 194% | 158% |
| | | | | | | 10000000 | 1865.3 | 2162.1 | 2284.2 | 2229.9 | 2419.8 | 2521.7 | 4140.8 | 4058.8 | 4191.4 | 4106.0 | 3948.1 | 4138.8 | 222% | 188% | 183% | 184% | 163% | 164% |
| | | | | | | 50000000 | 11251.0 | 9760.3 | 7803.8 | 11434.4 | 7729.7 | 8849.9 | 20481.5 | 20683.5 | 17946.9 | 16553.8 | 18654.0 | 16422.5 | 182% | 212% | 230% | 145% | 241% | 186% |
| | | | | xeon | cycle | 1000000 | 269.8 | 287.6 | 354.5 | 430.2 | 436.8 | 468.7 | 368.5 | 354.3 | 420.2 | 309.5 | 435.7 | 608.5 | 137% | 123% | 119% | 72% | 100% | 130% |
| | | | | | | 10000000 | 1782.2 | 1966.7 | 1723.7 | 3486.0 | 3824.6 | 3988.3 | 3222.1 | 2354.6 | 3597.1 | 2900.8 | 3656.6 | 3781.6 | 181% | 120% | 209% | 83% | 96% | 95% |
| | | | | | | 100000000 | 20017.0 | 16512.0 | 19349.9 | 16821.8 | 33319.7 | 36614.1 | 22560.1 | 25577.5 | 24852.5 | 33152.1 | 34365.4 | 25552.1 | 113% | 155% | 128% | 197% | 103% | 70% |
| | | | | | random | 1000000 | 383.9 | 379.0 | 424.3 | 386.1 | 417.8 | 501.6 | 563.8 | 562.0 | 540.2 | 531.3 | 533.0 | 659.5 | 147% | 148% | 127% | 138% | 128% | 131% |
| | | | | | | 10000000 | 3328.6 | 3399.3 | 3238.9 | 3231.1 | 3328.4 | 3337.7 | 5474.0 | 5330.7 | 5268.0 | 5270.0 | 5477.6 | 5563.4 | 164% | 157% | 163% | 163% | 165% | 167% |
| | | | | | | 100000000 | 32352.9 | 31037.7 | 31733.6 | 30821.7 | 31811.0 | 31409.1 | 45518.6 | 45717.6 | 44688.9 | 46190.7 | 44354.8 | 46027.6 | 141% | 147% | 141% | 150% | 139% | 147% |
| | | | | | sequential | 1000000 | 256.5 | 236.5 | 247.6 | 246.3 | 244.9 | 231.5 | 327.9 | 305.9 | 286.7 | 334.7 | 269.7 | 285.0 | 128% | 129% | 116% | 136% | 110% | 123% |
| | | | | | | 10000000 | 2307.2 | 1772.8 | 2050.0 | 2101.9 | 1743.7 | 1801.8 | 3151.5 | 2854.8 | 2024.4 | 2452.5 | 2922.3 | 2257.1 | 137% | 161% | 99% | 117% | 168% | 125% |
| | | | | | | 100000000 | 16102.3 | 13148.3 | 13940.3 | 13602.0 | 16612.3 | 14928.7 | 21910.9 | 22075.3 | 21065.4 | 22577.9 | 20459.1 | 20330.3 | 136% | 168% | 151% | 166% | 123% | 136% |
| | | | patched | i5 | cycle | 1000000 | 257.0 | 220.7 | 460.6 | 665.2 | 563.6 | 541.2 | 538.1 | 512.7 | 450.7 | 392.8 | 711.2 | 902.7 | 209% | 232% | 98% | 59% | 126% | 167% |
| | | | | | | 10000000 | 2562.1 | 1981.4 | 1981.8 | 4087.3 | 4792.5 | 4790.1 | 4877.9 | 4350.7 | 3491.0 | 3448.4 | 4088.3 | 5400.2 | 190% | 220% | 176% | 84% | 85% | 113% |
| | | | | | | 50000000 | 8753.0 | 8734.6 | 8605.1 | 11675.8 | 21465.5 | 27779.6 | 15696.9 | 21063.3 | 20172.7 | 18849.6 | 21256.0 | 24166.5 | 179% | 241% | 234% | 161% | 99% | 87% |
| | | | | | random | 1000000 | 521.8 | 455.5 | 474.2 | 409.3 | 483.8 | 501.2 | 862.7 | 867.6 | 928.3 | 821.2 | 787.1 | 924.3 | 165% | 190% | 196% | 201% | 163% | 184% |
| | | | | | | 10000000 | 3977.5 | 3961.2 | 3735.5 | 4075.8 | 3996.0 | 3947.4 | 7018.6 | 7019.7 | 7287.9 | 7009.5 | 7049.7 | 7601.2 | 176% | 177% | 195% | 172% | 176% | 193% |
| | | | | | | 50000000 | 18181.1 | 18055.4 | 17611.3 | 17935.6 | 17909.1 | 18103.5 | 34829.6 | 34488.6 | 33485.4 | 33860.2 | 34146.4 | 34233.1 | 192% | 191% | 190% | 189% | 191% | 189% |
| | | | | | sequential | 1000000 | 287.0 | 260.1 | 239.2 | 263.1 | 217.0 | 385.2 | 403.4 | 408.4 | 437.6 | 434.9 | 420.1 | 567.5 | 141% | 157% | 183% | 165% | 194% | 147% |
| | | | | | | 10000000 | 2404.2 | 2077.7 | 2161.3 | 2431.6 | 2627.6 | 2431.5 | 4083.7 | 4156.1 | 3803.3 | 4211.7 | 3350.0 | 3798.4 | 170% | 200% | 176% | 173% | 127% | 156% |
| | | | | | | 50000000 | 9458.7 | 8337.3 | 8318.1 | 7562.3 | 11009.0 | 9114.8 | 19276.6 | 15787.7 | 17004.8 | 14700.5 | 14904.5 | 14521.5 | 204% | 189% | 204% | 194% | 135% | 159% |
| | | | | xeon | cycle | 1000000 | 224.2 | 273.5 | 337.4 | 438.2 | 422.3 | 464.0 | 313.7 | 289.7 | 351.4 | 331.6 | 425.4 | 614.4 | 140% | 106% | 104% | 76% | 101% | 132% |
| | | | | | | 10000000 | 1774.5 | 1716.4 | 2199.7 | 3098.8 | 3850.8 | 3753.9 | 2474.8 | 2410.8 | 2497.8 | 3937.0 | 2974.9 | 4080.3 | 139% | 140% | 114% | 127% | 77% | 109% |
| | | | | | | 100000000 | 15064.2 | 16107.6 | 17006.2 | 21357.4 | 34717.0 | 35533.8 | 20111.9 | 26335.9 | 23221.9 | 30438.4 | 36588.8 | 27505.2 | 134% | 163% | 137% | 143% | 105% | 77% |
| | | | | | random | 1000000 | 402.9 | 377.9 | 379.2 | 396.8 | 414.6 | 501.3 | 587.8 | 577.7 | 543.3 | 524.5 | 556.5 | 666.4 | 146% | 153% | 143% | 132% | 134% | 133% |
| | | | | | | 10000000 | 3636.3 | 3253.2 | 3160.3 | 3328.9 | 3179.6 | 3380.7 | 5464.4 | 5487.6 | 5392.7 | 5240.6 | 5412.4 | 5546.8 | 150% | 169% | 171% | 157% | 170% | 164% |
| | | | | | | 100000000 | 32541.8 | 31861.6 | 30841.5 | 31319.0 | 30412.3 | 30878.9 | 47112.4 | 46278.2 | 46355.0 | 44693.2 | 45371.2 | 45704.6 | 145% | 145% | 150% | 143% | 149% | 148% |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | sequential | 1000000 | 211.5 | 266.3 | 221.8 | 184.6 | 232.8 | 273.8 | 282.7 | 342.7 | 258.8 | 345.0 | 309.1 | 335.7 | 134% | 129% | 117% | 187% | 133% | 123% |
| | | | | | 10000000 | 2109.2 | 2030.9 | 1654.3 | 2073.0 | 1790.2 | 2063.4 | 2724.3 | 2695.6 | 2456.1 | 2244.5 | 2226.6 | 2456.9 | 129% | 133% | 148% | 108% | 124% | 119% |
| | | | | | 100000000 | 16286.9 | 17867.9 | 17126.9 | 16418.7 | 15020.2 | 14866.1 | 24748.9 | 22511.6 | 21073.4 | 22895.1 | 27114.6 | 22983.6 | 152% | 126% | 123% | 139% | 181% | 155% |
| | indexscan | master | i5 | cycle | 1000000 | 11.7 | 14.8 | 26.6 | 168.2 | 1569.7 | 460.4 | 11.8 | 13.3 | 26.3 | 171.8 | 1563.3 | 453.0 | 100% | 90% | 99% | 102% | 100% | 98% |
| | | | | | 10000000 | 12.0 | 13.5 | 25.7 | 165.5 | 1545.0 | 15162.5 | 11.8 | 13.1 | 25.6 | 165.1 | 1542.1 | 15333.0 | 99% | 96% | 99% | 100% | 100% | 101% |
| | | | | | 50000000 | 14.1 | 14.7 | 27.8 | 163.2 | 1554.1 | 15351.3 | 14.4 | 14.2 | 28.5 | 164.2 | 1564.2 | 15383.1 | 102% | 97% | 102% | 101% | 101% | 100% |
| | | | | random | 1000000 | 12.4 | 13.4 | 26.4 | 168.9 | 1045.5 | 432.6 | 13.0 | 13.4 | 26.8 | 170.5 | 1018.6 | 447.1 | 104% | 100% | 101% | 101% | 97% | 103% |
| | | | | | 10000000 | 11.3 | 13.7 | 25.7 | 169.4 | 1558.5 | 9590.1 | 12.1 | 13.6 | 26.1 | 165.2 | 1545.0 | 9443.7 | 107% | 100% | 101% | 97% | 99% | 98% |
| | | | | | 50000000 | 12.4 | 14.3 | 27.3 | 167.9 | 1558.9 | 15646.4 | 12.5 | 14.3 | 28.9 | 166.2 | 1540.2 | 15366.7 | 100% | 99% | 106% | 99% | 99% | 98% |
| | | | | sequential | 1000000 | 12.3 | 12.1 | 12.3 | 17.4 | 24.8 | 89.1 | 14.0 | 12.0 | 12.3 | 15.7 | 23.9 | 118.3 | 113% | 99% | 101% | 90% | 96% | 133% |
| | | | | | 10000000 | 12.3 | 12.3 | 12.6 | 14.4 | 25.3 | 91.7 | 11.8 | 12.1 | 11.9 | 13.9 | 25.0 | 120.2 | 96% | 99% | 94% | 96% | 99% | 131% |
| | | | | | 50000000 | 12.7 | 12.1 | 12.9 | 15.0 | 23.4 | 91.1 | 12.9 | 13.2 | 12.8 | 14.5 | 22.6 | 95.0 | 102% | 109% | 99% | 97% | 96% | 104% |
| | | | xeon | cycle | 1000000 | 11.8 | 13.5 | 23.4 | 113.3 | 484.7 | 355.7 | 11.1 | 13.4 | 22.4 | 113.5 | 438.2 | 360.1 | 93% | 99% | 96% | 100% | 90% | 101% |
| | | | | | 10000000 | 11.5 | 12.6 | 22.3 | 119.9 | 1041.3 | 4400.4 | 11.4 | 12.9 | 22.6 | 120.1 | 1029.9 | 4429.3 | 100% | 103% | 102% | 100% | 99% | 101% |
| | | | | | 100000000 | 12.0 | 14.6 | 26.9 | 143.3 | 1121.6 | 10198.2 | 12.2 | 14.5 | 26.3 | 142.8 | 1097.7 | 10107.2 | 102% | 100% | 98% | 100% | 98% | 99% |
| | | | | random | 1000000 | 11.6 | 13.1 | 22.9 | 118.1 | 522.0 | 355.8 | 11.0 | 12.0 | 22.0 | 117.9 | 509.0 | 354.3 | 95% | 92% | 96% | 100% | 98% | 100% |
| | | | | | 10000000 | 11.7 | 12.9 | 22.7 | 119.9 | 1096.4 | 5441.8 | 11.3 | 11.9 | 23.1 | 120.5 | 1091.4 | 5418.1 | 96% | 92% | 102% | 100% | 100% | 100% |
| | | | | | 100000000 | 13.3 | 13.8 | 27.5 | 144.4 | 1158.2 | 10806.8 | 11.9 | 14.0 | 27.2 | 145.2 | 1191.1 | 10841.8 | 89% | 101% | 99% | 101% | 103% | 100% |
| | | | | sequential | 1000000 | 12.6 | 11.3 | 13.1 | 13.0 | 21.9 | 96.1 | 11.7 | 11.8 | 11.7 | 13.1 | 21.5 | 96.0 | 93% | 104% | 90% | 101% | 98% | 100% |
| | | | | | 10000000 | 12.0 | 11.9 | 12.1 | 13.5 | 21.5 | 96.1 | 12.5 | 11.1 | 12.0 | 13.4 | 21.4 | 96.1 | 104% | 94% | 100% | 100% | 99% | 100% |
| | | | | | 100000000 | 12.4 | 11.7 | 12.6 | 13.7 | 22.4 | 97.1 | 11.8 | 12.1 | 12.3 | 13.2 | 21.5 | 96.8 | 96% | 103% | 98% | 96% | 96% | 100% |
| | | patched | i5 | cycle | 1000000 | 12.1 | 13.8 | 26.1 | 170.3 | 1570.2 | 411.2 | 12.3 | 12.6 | 15.1 | 34.6 | 191.9 | 414.7 | 102% | 92% | 58% | 20% | 12% | 101% |
| | | | | | 10000000 | 11.7 | 13.3 | 25.9 | 164.9 | 1534.4 | 15422.4 | 12.1 | 12.5 | 14.3 | 31.6 | 190.0 | 1666.2 | 104% | 93% | 55% | 19% | 12% | 11% |
| | | | | | 50000000 | 12.4 | 14.2 | 29.0 | 169.9 | 1564.4 | 15362.3 | 12.9 | 13.5 | 16.8 | 31.5 | 190.3 | 1684.8 | 104% | 95% | 58% | 19% | 12% | 11% |
| | | | | random | 1000000 | 12.0 | 13.5 | 27.0 | 171.1 | 1027.5 | 450.3 | 13.4 | 12.8 | 16.8 | 30.2 | 178.6 | 466.5 | 112% | 94% | 62% | 18% | 17% | 104% |
| | | | | | 10000000 | 11.5 | 13.5 | 26.3 | 165.8 | 1556.7 | 9438.1 | 11.9 | 12.3 | 14.4 | 30.8 | 185.1 | 1781.0 | 104% | 91% | 55% | 19% | 12% | 19% |
| | | | | | 50000000 | 12.2 | 13.9 | 28.4 | 168.4 | 1546.1 | 15693.3 | 12.2 | 13.6 | 16.2 | 32.7 | 185.3 | 1744.9 | 100% | 98% | 57% | 19% | 12% | 11% |
| | | | | sequential | 1000000 | 12.2 | 12.1 | 12.4 | 14.2 | 22.8 | 89.5 | 11.8 | 11.9 | 13.6 | 16.8 | 23.4 | 120.1 | 97% | 99% | 109% | 118% | 103% | 134% |
| | | | | | 10000000 | 11.8 | 12.0 | 12.7 | 14.6 | 28.8 | 89.3 | 11.7 | 12.4 | 12.1 | 15.0 | 23.8 | 118.8 | 99% | 103% | 95% | 102% | 83% | 133% |
| | | | | | 50000000 | 12.5 | 12.5 | 12.8 | 14.8 | 22.5 | 89.9 | 12.5 | 13.0 | 13.5 | 15.0 | 24.7 | 92.9 | 100% | 104% | 105% | 102% | 110% | 103% |
| | | | xeon | cycle | 1000000 | 12.0 | 13.3 | 22.9 | 113.3 | 481.5 | 360.0 | 11.9 | 12.9 | 14.2 | 25.0 | 134.5 | 357.5 | 99% | 97% | 62% | 22% | 28% | 99% |
| | | | | | 10000000 | 12.5 | 13.0 | 22.8 | 120.1 | 1039.5 | 4431.9 | 12.0 | 13.0 | 13.8 | 23.6 | 136.4 | 1259.8 | 96% | 100% | 61% | 20% | 13% | 28% |
| | | | | | 100000000 | 11.9 | 13.8 | 27.0 | 144.0 | 1102.4 | 10164.9 | 12.6 | 13.2 | 15.3 | 26.6 | 118.8 | 1250.6 | 106% | 96% | 57% | 18% | 11% | 12% |
| | | | | random | 1000000 | 11.9 | 12.7 | 22.8 | 121.2 | 523.0 | 352.4 | 12.5 | 11.7 | 13.2 | 24.1 | 124.0 | 359.9 | 105% | 92% | 58% | 20% | 24% | 102% |
| | | | | | 10000000 | 11.9 | 13.1 | 23.0 | 120.4 | 1096.1 | 5422.5 | 11.7 | 12.1 | 13.8 | 25.0 | 134.2 | 1151.7 | 98% | 92% | 60% | 21% | 12% | 21% |
| | | | | | 100000000 | 12.3 | 13.9 | 26.7 | 145.8 | 1171.8 | 10851.0 | 12.7 | 13.3 | 16.5 | 27.7 | 119.7 | 1225.2 | 103% | 95% | 62% | 19% | 10% | 11% |
| | | | | sequential | 1000000 | 11.9 | 12.1 | 13.1 | 13.2 | 22.4 | 97.5 | 12.0 | 12.9 | 12.6 | 14.6 | 22.5 | 98.5 | 101% | 106% | 96% | 110% | 100% | 101% |
| | | | | | 10000000 | 11.6 | 12.6 | 12.3 | 14.8 | 21.3 | 95.3 | 12.2 | 12.2 | 12.3 | 13.7 | 22.4 | 98.2 | 104% | 97% | 100% | 93% | 105% | 103% |
| | | | | | 100000000 | 12.1 | 12.1 | 12.9 | 13.8 | 22.5 | 96.9 | 12.6 | 11.9 | 12.9 | 14.9 | 22.7 | 99.0 | 105% | 98% | 100% | 108% | 101% | 102% |
| | seqscan | master | i5 | cycle | 1000000 | 358.0 | 349.3 | 419.2 | 434.0 | 406.9 | 533.6 | 420.9 | 331.1 | 393.2 | 443.6 | 417.6 | 481.3 | 118% | 95% | 94% | 102% | 103% | 90% |
| | | | | | 10000000 | 3511.8 | 3190.7 | 3435.0 | 3178.4 | 3181.9 | 3313.9 | 3147.0 | 3152.4 | 3168.0 | 3206.6 | 3196.5 | 3300.8 | 90% | 99% | 92% | 101% | 100% | 100% |
| | | | | | 50000000 | 15463.8 | 15359.3 | 15459.0 | 15395.5 | 16428.8 | 16826.9 | 15338.8 | 15416.1 | 15367.4 | 15377.3 | 16647.8 | 15653.1 | 99% | 100% | 99% | 100% | 101% | 93% |
| | | | | random | 1000000 | 424.4 | 357.5 | 361.4 | 413.1 | 495.4 | 472.8 | 410.2 | 407.7 | 393.2 | 360.3 | 439.3 | 475.3 | 97% | 114% | 109% | 87% | 89% | 101% |
| | | | | | 10000000 | 3201.1 | 3102.8 | 3330.7 | 3182.4 | 3186.4 | 3305.9 | 3195.5 | 3094.5 | 3199.6 | 3484.0 | 3267.7 | 3310.5 | 100% | 100% | 96% | 109% | 103% | 100% |
| | | | | | 50000000 | 16479.8 | 16259.7 | 15304.7 | 15363.0 | 15331.0 | 15542.6 | 15459.5 | 17375.3 | 15373.2 | 15519.3 | 15467.6 | 15565.2 | 94% | 107% | 100% | 101% | 101% | 100% |
| | | | | sequential | 1000000 | 386.9 | 382.8 | 400.7 | 357.1 | 362.3 | 411.2 | 430.1 | 404.5 | 372.9 | 363.4 | 370.7 | 394.0 | 111% | 106% | 93% | 102% | 102% | 96% |
| | | | | | 10000000 | 3448.7 | 3463.7 | 3203.3 | 3283.0 | 3502.1 | 3282.9 | 3215.7 | 3181.7 | 3213.3 | 3208.8 | 3124.7 | 3220.3 | 93% | 92% | 100% | 98% | 89% | 98% |
| | | | | | 50000000 | 15327.1 | 15402.3 | 15309.0 | 15455.2 | 15421.5 | 15444.9 | 15474.1 | 15396.9 | 16431.5 | 15418.2 | 17729.9 | 15832.0 | 101% | 100% | 107% | 100% | 115% | 103% |
| | | | xeon | cycle | 1000000 | 233.5 | 265.1 | 251.6 | 268.5 | 275.5 | 356.4 | 262.8 | 260.3 | 262.3 | 265.0 | 282.4 | 355.6 | 113% | 98% | 104% | 99% | 103% | 100% |
| | | | | | 10000000 | 2380.5 | 2294.3 | 2340.2 | 2318.6 | 2328.9 | 2401.2 | 2361.5 | 2326.9 | 2330.6 | 2362.9 | 2313.9 | 2371.4 | 99% | 101% | 100% | 102% | 99% | 99% |
| | | | | | 100000000 | 22775.3 | 22374.8 | 22833.2 | 22658.4 | 22709.8 | 22705.6 | 22674.6 | 22610.6 | 22534.6 | 22658.4 | 22693.3 | 22759.8 | 100% | 101% | 99% | 100% | 100% | 100% |
| | | | | random | 1000000 | 267.2 | 271.3 | 264.2 | 261.2 | 277.9 | 353.0 | 263.7 | 272.8 | 266.4 | 258.5 | 279.7 | 366.7 | 99% | 101% | 101% | 99% | 101% | 104% |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 10000000 | 2321.0 | 2332.5 | 2334.3 | 2317.0 | 2346.0 | 2497.5 | 2352.2 | 2336.2 | 2310.9 | 2308.8 | 2335.9 | 2533.8 | 101% | 100% | 99% | 100% | 100% | 101% |
| | | | | | | 100000000 | 22684.0 | 22495.9 | 22425.6 | 22399.6 | 22577.5 | 22928.2 | 22760.3 | 22536.4 | 22507.6 | 22467.1 | 22592.8 | 22738.0 | 100% | 100% | 100% | 100% | 100% | 99% |
| | | | | | sequential | 1000000 | 259.1 | 265.4 | 261.5 | 266.8 | 270.1 | 305.4 | 264.3 | 262.6 | 261.9 | 265.9 | 230.6 | 314.2 | 102% | 99% | 100% | 100% | 85% | 103% |
| | | | | | | 10000000 | 2350.2 | 2341.4 | 2362.2 | 2162.9 | 2342.0 | 2396.1 | 2333.1 | 2321.4 | 2327.6 | 2201.9 | 2309.8 | 2275.2 | 99% | 99% | 99% | 102% | 99% | 95% |
| | | | | | | 100000000 | 22683.3 | 22626.0 | 22571.2 | 22335.9 | 23140.6 | 22725.4 | 22818.0 | 22482.7 | 22824.2 | 22454.1 | 22971.5 | 22660.2 | 101% | 99% | 101% | 101% | 99% | 100% |
| | | | patched | i5 | cycle | 1000000 | 374.5 | 351.4 | 380.9 | 375.7 | 394.7 | 475.6 | 426.9 | 352.1 | 392.2 | 380.0 | 389.7 | 417.0 | 114% | 100% | 103% | 101% | 99% | 88% |
| | | | | | | 10000000 | 3176.5 | 3431.7 | 3184.8 | 3183.1 | 3189.9 | 3617.3 | 3166.9 | 3204.3 | 3152.8 | 3186.3 | 3165.5 | 3265.0 | 100% | 93% | 99% | 100% | 99% | 90% |
| | | | | | | 50000000 | 15493.7 | 15354.7 | 16856.3 | 15358.7 | 15396.5 | 15699.5 | 15328.7 | 15290.4 | 15373.4 | 17456.0 | 15387.1 | 15614.5 | 99% | 100% | 91% | 114% | 100% | 99% |
| | | | | | random | 1000000 | 418.0 | 385.9 | 395.1 | 341.9 | 418.7 | 461.5 | 376.8 | 395.6 | 426.9 | 345.7 | 370.1 | 440.5 | 90% | 103% | 108% | 101% | 88% | 95% |
| | | | | | | 10000000 | 3199.9 | 3287.4 | 3102.5 | 3204.4 | 3222.3 | 3315.0 | 3178.4 | 3144.4 | 3109.8 | 3148.3 | 3320.1 | 3325.7 | 99% | 96% | 100% | 98% | 103% | 100% |
| | | | | | | 50000000 | 16111.1 | 15477.1 | 15510.4 | 15398.3 | 15502.6 | 15556.5 | 15526.5 | 16033.3 | 16408.3 | 15402.9 | 15358.3 | 15565.8 | 96% | 104% | 106% | 100% | 99% | 100% |
| | | | | | sequential | 1000000 | 368.4 | 371.7 | 372.3 | 391.6 | 342.3 | 444.4 | 415.1 | 391.8 | 399.9 | 363.3 | 384.7 | 401.6 | 113% | 105% | 107% | 93% | 112% | 90% |
| | | | | | | 10000000 | 3613.0 | 3127.1 | 3215.6 | 3180.0 | 3661.8 | 3271.6 | 3130.9 | 3181.1 | 3326.9 | 3670.6 | 3786.8 | 3255.9 | 87% | 102% | 103% | 115% | 103% | 100% |
| | | | | | | 50000000 | 15380.6 | 15315.3 | 15344.9 | 15465.5 | 15454.7 | 15429.8 | 15547.1 | 15429.2 | 15675.2 | 15475.3 | 15421.7 | 15458.8 | 101% | 101% | 102% | 100% | 100% | 100% |
| | | | | xeon | cycle | 1000000 | 261.3 | 264.8 | 259.2 | 267.8 | 277.0 | 358.2 | 261.6 | 266.7 | 268.8 | 267.7 | 280.1 | 356.1 | 100% | 101% | 104% | 100% | 101% | 99% |
| | | | | | | 10000000 | 2338.6 | 2296.7 | 2328.4 | 2300.3 | 2338.0 | 2427.2 | 2349.1 | 2330.9 | 2351.9 | 2327.8 | 2359.5 | 2489.5 | 100% | 101% | 101% | 101% | 101% | 103% |
| | | | | | | 100000000 | 22703.3 | 22452.8 | 22660.7 | 22551.0 | 22530.5 | 22735.7 | 22668.0 | 22579.3 | 22608.0 | 22739.5 | 22652.3 | 22824.5 | 100% | 101% | 100% | 101% | 101% | 100% |
| | | | | | random | 1000000 | 265.1 | 270.3 | 264.4 | 260.0 | 277.8 | 366.1 | 265.2 | 268.5 | 265.9 | 261.5 | 277.8 | 358.0 | 100% | 99% | 101% | 101% | 100% | 98% |
| | | | | | | 10000000 | 2341.0 | 2343.7 | 2314.1 | 2317.9 | 2358.4 | 2519.8 | 2319.5 | 2343.0 | 2331.7 | 2265.1 | 2343.3 | 2525.0 | 99% | 100% | 101% | 98% | 99% | 100% |
| | | | | | | 100000000 | 22663.2 | 22637.8 | 22452.1 | 22348.4 | 22612.7 | 22928.8 | 22576.6 | 22581.8 | 22577.1 | 22454.2 | 22552.9 | 22720.0 | 100% | 100% | 101% | 100% | 100% | 99% |
| | | | | | sequential | 1000000 | 261.0 | 262.7 | 260.3 | 263.7 | 265.0 | 313.9 | 259.8 | 260.4 | 262.8 | 265.0 | 267.0 | 312.6 | 100% | 99% | 101% | 101% | 101% | 100% |
| | | | | | | 10000000 | 2361.0 | 2335.3 | 2364.0 | 2230.5 | 2332.1 | 2388.9 | 2336.5 | 2351.8 | 2348.4 | 2222.7 | 2361.1 | 2399.3 | 99% | 101% | 99% | 100% | 101% | 100% |
| | | | | | | 100000000 | 22764.9 | 22775.5 | 22492.5 | 22284.3 | 23135.9 | 22587.1 | 22658.9 | 22504.9 | 22566.5 | 22241.8 | 23006.4 | 22495.4 | 100% | 99% | 100% | 100% | 99% | 100% |
| | hash | bitmapscan | master | i5 | cycle | 1000000 | 12.5 | 13.0 | 27.0 | 166.3 | 1557.5 | 508.5 | 12.3 | 12.0 | 14.7 | 33.8 | 195.6 | 900.8 | 98% | 92% | 54% | 20% | 13% | 177% |
| | | | | | | 10000000 | 11.7 | 13.7 | 26.0 | 165.6 | 1649.1 | 15360.8 | 12.1 | 13.1 | 14.8 | 34.1 | 219.7 | 1725.8 | 104% | 96% | 57% | 21% | 13% | 11% |
| | | | | | | 50000000 | 12.2 | 14.5 | 27.4 | 173.0 | 1564.6 | 15558.9 | 12.3 | 13.9 | 17.6 | 32.5 | 186.8 | 1721.8 | 100% | 96% | 64% | 19% | 12% | 11% |
| | | | | | random | 1000000 | 11.9 | 13.9 | 24.7 | 164.5 | 1053.7 | 523.9 | 12.1 | 13.2 | 13.8 | 33.1 | 184.7 | 760.1 | 102% | 95% | 56% | 20% | 18% | 145% |
| | | | | | | 10000000 | 12.3 | 13.7 | 27.9 | 162.5 | 1613.7 | 9589.9 | 12.7 | 12.5 | 17.1 | 33.1 | 190.6 | 1550.8 | 103% | 92% | 61% | 20% | 12% | 16% |
| | | | | | | 50000000 | 11.9 | 15.0 | 27.4 | 168.2 | 1555.1 | 15518.3 | 12.4 | 13.6 | 16.1 | 33.3 | 188.3 | 1656.1 | 104% | 91% | 59% | 20% | 12% | 11% |
| | | | | | sequential | 1000000 | 12.9 | 13.1 | 12.4 | 16.3 | 26.3 | 94.6 | 12.1 | 12.6 | 12.8 | 16.8 | 27.7 | 165.2 | 94% | 96% | 103% | 103% | 105% | 175% |
| | | | | | | 10000000 | 12.6 | 11.8 | 13.0 | 16.5 | 25.4 | 95.8 | 11.7 | 12.5 | 12.1 | 16.5 | 27.9 | 163.9 | 93% | 106% | 93% | 100% | 110% | 171% |
| | | | | | | 50000000 | 12.2 | 12.7 | 13.2 | 14.4 | 23.6 | 121.4 | 12.0 | 11.9 | 12.8 | 14.7 | 25.6 | 133.6 | 99% | 94% | 97% | 102% | 109% | 110% |
| | | | | xeon | cycle | 1000000 | 12.6 | 12.3 | 22.5 | 111.1 | 291.2 | 404.3 | 12.4 | 11.9 | 14.4 | 25.7 | 147.6 | 520.1 | 98% | 97% | 64% | 23% | 51% | 129% |
| | | | | | | 10000000 | 11.6 | 12.0 | 23.3 | 123.7 | 1033.1 | 3993.7 | 12.0 | 11.7 | 14.1 | 25.7 | 144.5 | 1308.9 | 103% | 97% | 61% | 21% | 14% | 33% |
| | | | | | | 100000000 | 13.5 | 14.5 | 25.0 | 124.9 | 1101.5 | 10095.6 | 12.9 | 13.2 | 16.7 | 29.8 | 128.9 | 1309.0 | 95% | 91% | 67% | 24% | 12% | 13% |
| | | | | | random | 1000000 | 10.9 | 12.5 | 22.8 | 119.2 | 522.9 | 394.5 | 12.3 | 11.4 | 13.2 | 25.5 | 113.7 | 512.1 | 114% | 91% | 58% | 21% | 22% | 130% |
| | | | | | | 10000000 | 12.8 | 14.5 | 23.7 | 124.8 | 1082.6 | 4843.9 | 11.9 | 13.3 | 12.8 | 26.6 | 140.0 | 1051.7 | 93% | 92% | 54% | 21% | 13% | 22% |
| | | | | | | 100000000 | 13.4 | 15.7 | 27.0 | 121.8 | 1101.1 | 10830.7 | 13.2 | 13.5 | 17.4 | 28.1 | 124.5 | 1275.9 | 98% | 86% | 64% | 23% | 11% | 12% |
| | | | | | sequential | 1000000 | 12.7 | 11.4 | 12.4 | 15.3 | 23.8 | 98.5 | 12.6 | 12.2 | 12.4 | 14.4 | 24.4 | 110.0 | 100% | 107% | 99% | 94% | 103% | 112% |
| | | | | | | 10000000 | 12.2 | 11.7 | 12.4 | 15.3 | 23.4 | 99.1 | 11.2 | 11.5 | 12.0 | 15.1 | 24.6 | 110.8 | 92% | 98% | 97% | 98% | 105% | 112% |
| | | | | | | 100000000 | 12.6 | 12.3 | 15.0 | 14.5 | 23.1 | 100.2 | 12.9 | 11.7 | 12.9 | 14.0 | 25.0 | 113.4 | 103% | 95% | 86% | 96% | 108% | 113% |
| | | | patched | i5 | cycle | 1000000 | 11.8 | 13.8 | 26.9 | 167.7 | 1587.0 | 459.1 | 12.9 | 12.7 | 15.4 | 33.4 | 196.8 | 848.4 | 109% | 92% | 57% | 20% | 12% | 185% |
| | | | | | | 10000000 | 11.4 | 13.2 | 25.7 | 169.3 | 1598.0 | 15441.8 | 12.0 | 13.2 | 14.0 | 32.1 | 194.7 | 1751.2 | 105% | 99% | 54% | 19% | 12% | 11% |
| | | | | | | 50000000 | 12.5 | 14.6 | 27.4 | 171.5 | 1537.6 | 15478.9 | 12.1 | 13.2 | 15.8 | 32.9 | 187.3 | 1722.4 | 97% | 90% | 58% | 19% | 12% | 11% |
| | | | | | random | 1000000 | 12.2 | 14.2 | 25.2 | 164.4 | 1036.0 | 465.5 | 12.4 | 12.3 | 14.7 | 31.8 | 182.8 | 771.7 | 102% | 87% | 58% | 19% | 18% | 166% |
| | | | | | | 10000000 | 11.7 | 13.9 | 29.2 | 169.7 | 1586.5 | 9643.9 | 11.4 | 13.0 | 15.3 | 34.2 | 185.5 | 1545.7 | 97% | 93% | 52% | 20% | 12% | 16% |
| | | | | | | 50000000 | 12.0 | 14.1 | 27.7 | 161.5 | 1580.9 | 15659.2 | 12.7 | 13.2 | 17.8 | 31.7 | 209.2 | 1701.9 | 106% | 94% | 64% | 20% | 13% | 11% |
| | | | | | sequential | 1000000 | 12.4 | 12.5 | 13.2 | 15.8 | 25.3 | 92.8 | 12.6 | 13.0 | 12.0 | 17.1 | 27.3 | 132.9 | 102% | 104% | 91% | 109% | 108% | 143% |
| | | | | | | 10000000 | 11.7 | 11.8 | 11.9 | 18.9 | 27.1 | 91.8 | 11.5 | 11.8 | 12.8 | 14.7 | 29.7 | 160.5 | 99% | 100% | 107% | 78% | 110% | 175% |
| | | | | | | 50000000 | 12.7 | 11.7 | 12.7 | 15.0 | 22.8 | 121.3 | 12.2 | 12.5 | 12.2 | 16.4 | 26.2 | 132.0 | 97% | 106% | 96% | 109% | 115% | 109% |
| | | | | xeon | cycle | 1000000 | 12.1 | 12.9 | 24.0 | 112.1 | 292.4 | 400.2 | 12.1 | 12.1 | 14.1 | 25.8 | 147.5 | 538.1 | 99% | 94% | 59% | 23% | 50% | 134% |
| | | | | | | 10000000 | 12.6 | 14.2 | 24.3 | 122.7 | 1026.6 | 4020.3 | 12.6 | 12.8 | 13.5 | 27.3 | 142.5 | 1332.8 | 100% | 90% | 56% | 22% | 14% | 33% |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 100000000 | 12.2 | 14.8 | 27.8 | 125.6 | 1107.1 | 10069.0 | 12.6 | 14.0 | 17.0 | 29.2 | 128.7 | 1299.5 | 103% | 94% | 61% | 23% | 12% | 13% |
| | | | | random | 1000000 | 12.6 | 13.6 | 22.7 | 118.6 | 507.9 | 398.9 | 13.0 | 12.9 | 14.4 | 26.3 | 116.1 | 513.2 | 104% | 95% | 63% | 22% | 23% | 129% |
| | | | | | 10000000 | 11.4 | 13.0 | 24.0 | 127.6 | 1095.0 | 4855.1 | 11.7 | 12.3 | 14.9 | 25.6 | 143.1 | 1053.6 | 102% | 95% | 62% | 20% | 13% | 22% |
| | | | | | 100000000 | 12.8 | 14.6 | 27.2 | 129.7 | 1103.6 | 10763.2 | 13.1 | 13.0 | 16.5 | 29.6 | 126.3 | 1276.1 | 102% | 89% | 61% | 23% | 11% | 12% |
| | | | | sequential | 1000000 | 12.9 | 12.4 | 12.6 | 15.1 | 24.6 | 99.9 | 13.1 | 12.7 | 12.6 | 14.3 | 25.8 | 111.7 | 102% | 102% | 100% | 94% | 105% | 112% |
| | | | | | 10000000 | 12.9 | 13.2 | 13.3 | 16.4 | 23.7 | 99.9 | 12.4 | 12.8 | 13.3 | 14.6 | 26.0 | 111.7 | 96% | 97% | 100% | 89% | 110% | 112% |
| | | | | | 100000000 | 12.9 | 11.8 | 14.7 | 15.5 | 24.1 | 100.0 | 13.3 | 13.1 | 13.8 | 14.9 | 24.9 | 114.6 | 103% | 111% | 93% | 96% | 103% | 115% |
| | indexscan | master | i5 | cycle | 1000000 | 12.7 | 13.6 | 25.5 | 165.9 | 1555.3 | 6806.5 | 12.6 | 13.0 | 26.2 | 169.1 | 1557.9 | 6833.7 | 99% | 95% | 103% | 102% | 100% | 100% |
| | | | | | 10000000 | 11.6 | 13.7 | 26.3 | 164.3 | 1672.4 | 15377.2 | 11.8 | 14.1 | 25.8 | 170.4 | 1636.9 | 15309.3 | 101% | 103% | 98% | 104% | 98% | 100% |
| | | | | | 50000000 | 12.6 | 15.2 | 28.2 | 170.1 | 1539.8 | 15437.9 | 12.8 | 14.4 | 28.1 | 168.0 | 1554.2 | 15396.6 | 101% | 95% | 100% | 99% | 101% | 100% |
| | | | | random | 1000000 | 12.6 | 13.3 | 25.4 | 163.9 | 1390.4 | 6260.0 | 11.7 | 15.3 | 25.0 | 165.0 | 1404.2 | 6190.1 | 93% | 115% | 99% | 101% | 101% | 99% |
| | | | | | 10000000 | 12.3 | 14.6 | 28.8 | 165.7 | 1629.9 | 9486.9 | 12.0 | 13.2 | 26.3 | 168.2 | 1548.3 | 9362.1 | 98% | 90% | 91% | 101% | 95% | 99% |
| | | | | | 50000000 | 11.7 | 14.1 | 27.9 | 164.4 | 1549.7 | 15669.7 | 12.3 | 14.2 | 27.4 | 163.4 | 1534.2 | 15475.0 | 105% | 101% | 98% | 99% | 99% | 99% |
| | | | | sequential | 1000000 | 11.6 | 11.7 | 12.7 | 21.8 | 31.7 | 127.7 | 12.1 | 11.8 | 13.0 | 21.6 | 33.4 | 101.8 | 105% | 101% | 102% | 99% | 105% | 80% |
| | | | | | 10000000 | 12.0 | 12.3 | 12.4 | 16.9 | 25.1 | 123.7 | 11.9 | 12.1 | 12.6 | 18.0 | 25.7 | 97.8 | 99% | 98% | 101% | 106% | 102% | 79% |
| | | | | | 50000000 | 12.1 | 11.9 | 12.8 | 14.7 | 25.3 | 94.4 | 12.1 | 12.6 | 12.8 | 17.5 | 23.3 | 123.4 | 100% | 105% | 100% | 119% | 92% | 131% |
| | | | xeon | cycle | 1000000 | 11.6 | 12.0 | 22.1 | 119.8 | 1094.6 | 546.2 | 11.5 | 12.6 | 23.1 | 120.1 | 1092.0 | 541.5 | 99% | 106% | 105% | 100% | 100% | 99% |
| | | | | | 10000000 | 11.5 | 12.2 | 23.2 | 124.5 | 1024.1 | 4033.5 | 11.8 | 11.9 | 22.8 | 121.5 | 1021.8 | 4056.2 | 102% | 97% | 98% | 98% | 100% | 101% |
| | | | | | 100000000 | 12.2 | 14.9 | 27.1 | 128.4 | 1100.2 | 10053.1 | 12.5 | 14.0 | 25.0 | 124.9 | 1107.2 | 10069.7 | 102% | 94% | 92% | 97% | 101% | 100% |
| | | | | random | 1000000 | 11.4 | 12.0 | 22.4 | 117.8 | 934.4 | 3411.7 | 12.0 | 11.9 | 22.0 | 118.0 | 928.1 | 3434.2 | 106% | 99% | 98% | 100% | 99% | 101% |
| | | | | | 10000000 | 12.3 | 13.8 | 24.5 | 121.8 | 1073.0 | 4851.1 | 11.8 | 13.6 | 22.2 | 125.9 | 1087.2 | 4771.2 | 96% | 99% | 91% | 103% | 101% | 98% |
| | | | | | 100000000 | 13.3 | 14.7 | 25.0 | 126.9 | 1095.2 | 10761.0 | 13.1 | 13.5 | 26.3 | 126.9 | 1109.7 | 10737.2 | 99% | 92% | 106% | 100% | 101% | 100% |
| | | | | sequential | 1000000 | 11.9 | 11.4 | 12.6 | 17.9 | 27.0 | 103.5 | 11.6 | 11.2 | 12.0 | 17.5 | 27.3 | 104.7 | 98% | 98% | 96% | 98% | 101% | 101% |
| | | | | | 10000000 | 12.6 | 11.8 | 12.1 | 13.8 | 22.6 | 99.8 | 11.5 | 11.2 | 12.1 | 15.1 | 23.3 | 98.8 | 91% | 95% | 100% | 110% | 103% | 99% |
| | | | | | 100000000 | 13.4 | 12.5 | 13.8 | 14.9 | 22.8 | 100.7 | 12.8 | 12.0 | 13.6 | 14.9 | 22.7 | 101.9 | 95% | 96% | 98% | 100% | 100% | 101% |
| | | patched | i5 | cycle | 1000000 | 12.4 | 13.5 | 27.7 | 168.6 | 1560.5 | 6859.8 | 13.0 | 12.4 | 14.3 | 33.0 | 205.8 | 964.9 | 104% | 92% | 52% | 20% | 13% | 14% |
| | | | | | 10000000 | 11.9 | 13.2 | 25.8 | 166.6 | 1599.0 | 15336.1 | 11.5 | 12.7 | 14.4 | 33.4 | 198.5 | 1699.0 | 97% | 96% | 56% | 20% | 12% | 11% |
| | | | | | 50000000 | 13.0 | 15.0 | 27.4 | 166.5 | 1544.1 | 15460.7 | 12.4 | 13.6 | 16.0 | 33.9 | 189.6 | 1686.6 | 95% | 91% | 58% | 20% | 12% | 11% |
| | | | | random | 1000000 | 11.7 | 13.1 | 23.9 | 167.2 | 1390.8 | 6250.9 | 11.3 | 13.0 | 14.7 | 31.8 | 172.2 | 875.4 | 97% | 99% | 61% | 19% | 12% | 14% |
| | | | | | 10000000 | 11.8 | 13.5 | 26.8 | 161.2 | 1560.7 | 9569.8 | 11.7 | 13.2 | 14.8 | 33.7 | 193.0 | 1686.3 | 99% | 98% | 55% | 21% | 12% | 18% |
| | | | | | 50000000 | 12.1 | 14.6 | 28.2 | 166.2 | 1565.5 | 15564.1 | 12.0 | 13.0 | 17.3 | 32.7 | 198.9 | 1636.1 | 100% | 89% | 61% | 20% | 13% | 11% |
| | | | | sequential | 1000000 | 11.9 | 11.7 | 12.8 | 22.1 | 30.1 | 130.5 | 12.2 | 12.5 | 13.4 | 17.4 | 52.0 | 422.7 | 103% | 106% | 105% | 79% | 173% | 324% |
| | | | | | 10000000 | 12.2 | 12.1 | 12.4 | 16.7 | 22.8 | 125.2 | 11.9 | 11.8 | 12.2 | 16.9 | 24.3 | 95.1 | 97% | 97% | 98% | 101% | 107% | 76% |
| | | | | | 50000000 | 12.5 | 12.3 | 12.2 | 15.9 | 23.7 | 91.9 | 12.3 | 12.1 | 13.0 | 16.9 | 25.2 | 124.3 | 98% | 98% | 107% | 106% | 106% | 135% |
| | | | xeon | cycle | 1000000 | 12.6 | 12.6 | 24.1 | 119.8 | 1094.7 | 541.2 | 12.3 | 12.3 | 13.6 | 24.8 | 115.0 | 1045.8 | 97% | 98% | 57% | 21% | 11% | 193% |
| | | | | | 10000000 | 12.3 | 14.1 | 23.3 | 120.4 | 1031.8 | 4064.5 | 11.5 | 11.6 | 13.6 | 26.9 | 139.3 | 1271.8 | 94% | 83% | 58% | 22% | 14% | 31% |
| | | | | | 100000000 | 12.1 | 14.8 | 26.4 | 127.2 | 1107.0 | 10109.2 | 12.7 | 13.4 | 17.0 | 28.5 | 123.9 | 1257.4 | 105% | 91% | 64% | 22% | 11% | 12% |
| | | | | random | 1000000 | 12.2 | 13.4 | 22.6 | 119.6 | 930.0 | 3451.1 | 12.9 | 12.6 | 13.2 | 25.2 | 113.1 | 1040.6 | 106% | 94% | 58% | 21% | 12% | 30% |
| | | | | | 10000000 | 12.2 | 13.1 | 22.7 | 121.4 | 1077.5 | 4864.0 | 12.4 | 12.2 | 14.4 | 25.1 | 135.6 | 1122.6 | 102% | 93% | 64% | 21% | 13% | 23% |
| | | | | | 100000000 | 12.8 | 15.1 | 27.8 | 128.3 | 1113.2 | 10776.2 | 12.8 | 12.7 | 15.8 | 29.1 | 123.8 | 1231.1 | 100% | 84% | 57% | 23% | 11% | 11% |
| | | | | sequential | 1000000 | 12.6 | 12.9 | 12.7 | 17.5 | 28.5 | 105.8 | 12.5 | 12.6 | 12.4 | 15.9 | 41.1 | 290.3 | 99% | 98% | 98% | 91% | 144% | 274% |
| | | | | | 10000000 | 12.4 | 11.9 | 13.0 | 15.6 | 23.4 | 99.3 | 12.3 | 12.7 | 13.2 | 14.5 | 23.8 | 102.0 | 99% | 107% | 102% | 93% | 102% | 103% |
| | | | | | 100000000 | 12.7 | 12.0 | 14.1 | 14.9 | 23.5 | 101.9 | 12.2 | 13.7 | 13.7 | 15.6 | 24.2 | 104.0 | 96% | 115% | 97% | 105% | 103% | 102% |
| | seqscan | master | i5 | cycle | 1000000 | 351.0 | 329.9 | 383.7 | 345.0 | 400.8 | 403.7 | 390.1 | 320.9 | 357.9 | 394.2 | 367.9 | 388.0 | 111% | 97% | 93% | 114% | 92% | 96% |
| | | | | | 10000000 | 3128.9 | 3079.7 | 3129.9 | 3150.1 | 3423.6 | 3123.2 | 3084.7 | 3092.8 | 3106.2 | 3141.8 | 3642.1 | 3392.2 | 99% | 100% | 99% | 100% | 106% | 109% |
| | | | | | 50000000 | 15180.4 | 15147.6 | 15122.8 | 15196.4 | 15175.3 | 15154.7 | 15079.2 | 15110.5 | 15107.3 | 15129.3 | 15155.9 | 15243.3 | 99% | 100% | 100% | 100% | 100% | 101% |
| | | | | random | 1000000 | 338.2 | 385.3 | 380.4 | 369.4 | 382.2 | 431.5 | 398.0 | 363.5 | 341.4 | 328.9 | 371.0 | 347.8 | 118% | 94% | 90% | 89% | 97% | 81% |
| | | | | | 10000000 | 3108.7 | 3158.2 | 3407.2 | 3388.0 | 3349.4 | 3146.9 | 3104.1 | 3123.7 | 3314.6 | 3179.5 | 3104.3 | 3111.8 | 100% | 99% | 97% | 94% | 93% | 99% |
| | | | | | 50000000 | 15140.6 | 15090.0 | 15340.4 | 17940.0 | 15174.1 | 15143.6 | 15069.5 | 15755.6 | 15155.7 | 15083.9 | 15087.5 | 15207.5 | 100% | 104% | 99% | 84% | 99% | 100% |
| | | | | sequential | 1000000 | 398.9 | 366.6 | 396.5 | 399.0 | 392.4 | 330.5 | 409.6 | 349.3 | 352.3 | 346.3 | 373.2 | 407.1 | 103% | 95% | 89% | 87% | 95% | 123% |
| | | | | | 10000000 | 3053.6 | 3223.3 | 3566.2 | 3088.4 | 3147.7 | 3180.6 | 3068.8 | 3172.8 | 3254.7 | 3160.4 | 3126.7 | 3312.6 | 100% | 98% | 91% | 102% | 99% | 104% |
| | | | | | 50000000 | 15167.8 | 15161.7 | 15121.3 | 15709.0 | 16918.8 | 15899.5 | 15161.4 | 15130.0 | 15001.9 | 15163.8 | 15123.1 | 15107.1 | 100% | 100% | 99% | 97% | 89% | 95% |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | xeon | cycle | 1000000 | 242.8 | 242.9 | 244.0 | 247.8 | 246.4 | 279.1 | 245.1 | 243.1 | 245.5 | 242.6 | 190.4 | 275.3 | 101% | 100% | 101% | 98% | 77% | 99% |
| | | | | | | 10000000 | 2188.0 | 2190.3 | 2184.5 | 2183.0 | 2183.6 | 2240.0 | 2197.2 | 2178.2 | 2196.9 | 2176.2 | 2178.6 | 2230.6 | 100% | 99% | 101% | 100% | 100% | 100% |
| | | | | | | 100000000 | 21492.2 | 21580.0 | 21632.3 | 21623.3 | 21634.9 | 21736.1 | 21635.5 | 21540.5 | 21629.1 | 21740.2 | 21620.4 | 21703.0 | 101% | 100% | 100% | 101% | 100% | 100% |
| | | | | | random | 1000000 | 243.9 | 238.6 | 242.2 | 241.4 | 240.3 | 279.2 | 247.5 | 236.8 | 240.4 | 244.2 | 242.8 | 277.1 | 101% | 99% | 99% | 101% | 101% | 99% |
| | | | | | | 10000000 | 2166.3 | 2177.8 | 2098.6 | 2195.4 | 2181.2 | 2205.4 | 2178.5 | 2195.2 | 2178.5 | 2176.2 | 2181.9 | 2211.7 | 101% | 101% | 104% | 99% | 100% | 100% |
| | | | | | | 100000000 | 21637.7 | 21561.4 | 21453.6 | 21564.0 | 21566.9 | 21765.8 | 21689.9 | 21571.0 | 21563.9 | 21462.1 | 21544.6 | 21613.2 | 100% | 100% | 101% | 100% | 100% | 99% |
| | | | | | sequential | 1000000 | 247.9 | 245.4 | 240.6 | 240.3 | 197.4 | 226.5 | 242.2 | 244.7 | 238.7 | 241.3 | 242.4 | 225.5 | 98% | 100% | 99% | 100% | 123% | 100% |
| | | | | | | 10000000 | 2181.6 | 2177.8 | 2188.9 | 2169.1 | 2159.6 | 2140.9 | 2163.6 | 2183.6 | 2225.4 | 2191.4 | 2176.8 | 2197.9 | 99% | 100% | 102% | 101% | 101% | 103% |
| | | | | | | 100000000 | 21528.2 | 21503.1 | 21641.8 | 21509.3 | 21481.4 | 21563.1 | 21434.0 | 21504.7 | 21595.1 | 21514.4 | 21396.3 | 21601.9 | 100% | 100% | 100% | 100% | 100% | 100% |
| | | | | patched | i5 | cycle | 1000000 | 444.1 | 311.3 | 390.0 | 380.7 | 395.2 | 390.7 | 370.1 | 317.1 | 363.8 | 347.7 | 393.3 | 405.9 | 83% | 102% | 93% | 91% | 100% | 104% |
| | | | | | | | 10000000 | 3100.2 | 3107.0 | 3121.2 | 3123.0 | 3384.3 | 3160.7 | 3044.1 | 3069.3 | 3143.7 | 3136.5 | 3155.2 | 3163.2 | 98% | 99% | 101% | 100% | 93% | 100% |
| | | | | | | | 50000000 | 15120.6 | 16441.2 | 16461.1 | 15154.7 | 15126.3 | 15171.1 | 15073.4 | 15136.1 | 15148.4 | 15174.7 | 15163.0 | 15154.5 | 100% | 92% | 92% | 100% | 100% | 100% |
| | | | | | | random | 1000000 | 382.2 | 327.5 | 351.3 | 364.1 | 390.4 | 343.9 | 415.3 | 321.0 | 352.3 | 357.5 | 377.5 | 394.8 | 109% | 98% | 100% | 98% | 97% | 115% |
| | | | | | | | 10000000 | 3128.4 | 3121.7 | 3345.5 | 3153.5 | 3120.7 | 3130.1 | 3088.8 | 3159.4 | 3192.2 | 3159.4 | 3112.7 | 3274.5 | 99% | 101% | 95% | 100% | 100% | 105% |
| | | | | | | | 50000000 | 15031.7 | 15033.3 | 15145.3 | 15136.1 | 15156.9 | 15160.5 | 15137.1 | 15120.9 | 15100.5 | 16171.5 | 17250.0 | 15188.8 | 101% | 101% | 100% | 107% | 114% | 100% |
| | | | | | | sequential | 1000000 | 360.8 | 349.0 | 320.1 | 356.9 | 359.4 | 340.7 | 369.5 | 338.2 | 330.2 | 363.3 | 346.6 | 364.9 | 102% | 97% | 103% | 102% | 96% | 107% |
| | | | | | | | 10000000 | 3078.3 | 3176.8 | 3258.7 | 3155.3 | 3122.4 | 3224.2 | 3023.9 | 3091.1 | 3417.6 | 3137.7 | 3106.7 | 3199.9 | 98% | 97% | 105% | 99% | 99% | 99% |
| | | | | | | | 50000000 | 15100.5 | 15148.4 | 15102.7 | 15179.6 | 15089.3 | 15130.6 | 16346.5 | 15074.7 | 15033.1 | 15149.6 | 15078.5 | 15138.8 | 108% | 100% | 100% | 100% | 100% | 100% |
| | | | | | xeon | cycle | 1000000 | 242.8 | 242.4 | 244.6 | 243.2 | 243.2 | 278.7 | 243.9 | 242.2 | 243.7 | 242.8 | 245.3 | 275.9 | 100% | 100% | 100% | 100% | 101% | 99% |
| | | | | | | | 10000000 | 2192.5 | 2182.8 | 2174.8 | 2165.2 | 2165.0 | 2223.6 | 2191.5 | 2179.3 | 2190.0 | 2163.6 | 2173.1 | 2250.8 | 100% | 100% | 101% | 100% | 100% | 101% |
| | | | | | | | 100000000 | 21479.6 | 21464.9 | 21522.4 | 21532.1 | 21715.9 | 21702.2 | 21510.8 | 21432.8 | 21432.5 | 21579.3 | 21492.4 | 21629.7 | 100% | 100% | 100% | 100% | 99% | 100% |
| | | | | | | random | 1000000 | 246.0 | 240.0 | 243.9 | 245.0 | 242.8 | 274.8 | 243.2 | 243.1 | 244.7 | 244.4 | 243.4 | 279.8 | 99% | 101% | 100% | 100% | 100% | 102% |
| | | | | | | | 10000000 | 2158.1 | 2189.1 | 2091.3 | 2176.5 | 2171.8 | 2207.3 | 2167.0 | 2171.5 | 2165.2 | 2167.9 | 2183.6 | 2201.1 | 100% | 99% | 104% | 100% | 101% | 100% |
| | | | | | | | 100000000 | 21767.3 | 21481.6 | 21328.0 | 21414.6 | 21376.7 | 21484.9 | 21501.1 | 21628.3 | 21397.9 | 21534.0 | 21520.5 | 21519.4 | 99% | 101% | 100% | 101% | 101% | 100% |
| | | | | | | sequential | 1000000 | 247.5 | 244.6 | 237.8 | 244.2 | 243.5 | 234.5 | 242.8 | 243.5 | 238.3 | 237.2 | 241.6 | 240.1 | 98% | 100% | 100% | 97% | 99% | 102% |
| | | | | | | | 10000000 | 2171.7 | 2169.3 | 2185.7 | 2181.3 | 2148.2 | 2153.3 | 2170.7 | 2183.5 | 2199.0 | 2178.0 | 2159.3 | 2177.4 | 100% | 101% | 101% | 100% | 101% | 101% |
| | | | | | | | 100000000 | 21402.3 | 21378.2 | 21525.9 | 21494.9 | 21411.7 | 21458.4 | 21456.3 | 21358.1 | 21442.0 | 21465.4 | 21435.0 | 21439.2 | 100% | 100% | 100% | 100% | 100% | 100% |