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| --- | --- | --- |
| Number of Orders | Single Thread Time | Multi-Thread Time |
| 15 | 149126 ms | 51953 ms |
| 10 | 99078 ms | 53868 ms |
| 5 | 48226 ms | 29044 ms |
| 1 | 13073 ms | 13221 ms |
| 20 | 224555 ms | 113995 ms |

I used orders of 10,000,000 items for both the minimum and maximum. As the order number increased, the differences in the time became bigger. The differences were much smaller in small orders (<5). Multi-thread time was at least 2x as fast as single thread when there were at least 5 orders.