|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 資料量 | Insertion | Merge | Quick | C qsort | C++ sort |
| 10 | 0.0000010 | 0.0000033 | 0.0000032 | 0.0000019 | 0.0000019 |
| 50 | 0.0000060 | 0.0000155 | 0.0000068 | 0.0000079 | 0.0000116 |
| 100 | 0.0000189 | 0.0000311 | 0.0000137 | 0.0000149 | 0.0000226 |
| 500 | 0.0003842 | 0.0002091 | 0.0001094 | 0.0001240 | 0.0001528 |
| 1000 | 0.0021252 | 0.0006683 | 0.0003848 | 0.0003000 | 0.0004984 |
| 5000 | 0.0555720 | 0.0033605 | 0.0017772 | 0.0018230 | 0.0029166 |
| 10000 | 0.2063300 | 0.0073000 | 0.0039461 | 0.0040464 | 0.0062939 |
| 50000 | 3.8367000 | 0.0028816 | 0.0166800 | 0.0168410 | 0.0276470 |
| 100000 | 16.037000 | 0.0612610 | 0.0373230 | 0.0358070 | 0.0586930 |
| 200000 | 70.060000 | 0.1411500 | 0.0768110 | 0.0707270 | 0.1282600 |
| 500000 | TLE | 0.4002100 | 0.2250800 | 0.2122100 | 0.3558400 |

電腦執行環境:

CPU編號: Intel® Core™ i7-10510U

RAM: 16GB

作業系統: Linux

編譯器名稱: GNU C++ Compiler

大量資料測試之結果: