Report 6122 A

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Number of Threads: This column indicates how many threads were used to perform the task concurrently. Processing Time (microseconds): This column shows the time it took to complete the task in microseconds (1 millionth of a second).

In summary, as I increase the number of threads from 1 to 16, the processing time generally decreases, indicating improved parallelism and faster task execution. However, after a certain point (in this case, between 8 and 16 threads), the reduction in processing time becomes less significant, suggesting that adding more threads may not provide further performance gains for this specific task.