My code gave me the following results:

elapsed time = 1004320000 ns = 1004320.000 us = 1004.320000 ms

elapsed process CPU time = 31000 ns = 31.000 us = 0.031000 ms

elapsed process CPU time for gettimeofday() = 10 ns = 0.010 us = 0.000010 ms

System call time = 398 ns = 0.398 us = 0.000398 ms

Lmbench would not run on my main computer, which is arm. However it ran on an old computer I had with ubuntu installed

HOST OS 2p/0k ctxsw Pipe

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Toshiba Linux 5.15.15 48.1

My code however is specifically for an MacOS on arm architecture.