numbers from http://duartes.org/gustavo/blog/post/what-your-computer-does-while-you-wait

CPU

L1 size: ~32 KB latency: ~1 ns (3 cycles)

L2 size: ~6MB latency: ~5 ns (15 cycles)

RAM size: ~4GB latency: ~83 ns (250 cycles)

1 cycles=.3 ns
numbers from http://duartes.org/gustavo/blog/post/what-your-computer-does-while-you-wait
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