Intel® Core[] i5-6300HQ CPU @ 2.30GHz (Skylake) L1: 32KB, L2: 256KB, L3: 6MB Compiler: clang 12.0.0 Flag:-march=native -O3 add_naive → add_inplace add_inplace_vec 」(Cache L3 Cache L2 Cache add_inplace_vec_2x_unroll add_inplace_vec_3x_unroll add_inplace_vec_4x_unroll add_inplace_vec_6x_unroll add_inplace_vec_8x_unroll 4 Speedup w 2 1

 2^{11}

 2^{12}

 2^{13}

 2^{14}

 2^{15}

 2^{16}

 2^{17}

 2^{10}

Quad-double array size

29

2³

 2^4

2⁵

26

27

28