Intel® Core™ i5-6300HQ CPU @ 2.30GHz (Skylake) L1: 32KB, L2: 256KB, L3: 6MB Compiler: gcc 7.5.0 L1 Cache L2 Cache Flag:-march=native -O3 3.5 3.0 Speedup 5.5 2.0 4-element vector 8-element vector 16-element vector 1.5

2⁹

28

 2^{10}

 2^{11}

2¹²

2¹³

 2^{14}

Input Size / Precision [bit]

 2^{15}

2¹⁶

2¹⁷

2¹⁸

2¹⁹

2²⁰

2²¹