Intel® Core™ i5-7360U CPU @ 2.30GHz L1: 32KB, L2: 256KB, L3: 4MB Compiler: clang 12.0.0 Flag:-march=native -O3 4.5 L2 Cache L1 Cache mul_fix_naive mul_fix_precision 4.0 mul_fix_precision_unfold mul fix precision 1x unfold 3.5 mul fix precision 2x unfold mul_fix_precision_4x_unfold mul_fix_precision_8x_unfold Performance [Flops/Cycle] 3.0 mul_fix_precision_12x_unfold mul_fix_precision_16x_unfold 2.0 1.5 1.0 0.5 0.0

 2^{15}

 2^{16}

 2^{14}

2⁷

2⁸

2⁹

 2^{10}

Input Size

2¹¹

2¹²

 2^{13}

2⁶

2⁵

24

2³