

Performance (Pseudo-GFLOP/s)

64
32
16
8
4
2
1

- Double AVX512 Unit
- Single AVX512 Unit
- LINPACK
- ref. sparse kernel
- ref. wide-sparse kernel
- ref. dense kernel
- $m_B = 1$
- $m_B = 4$
- $m_B = 8$
- $m_B = 16$
- $m_B = 30$

2^{-4}

2^{-3}

2^{-2}

2^{-1}

2^0

2^1

2^2

2^3

2^4

Arithmetic Intensity (FLOP/DRAM Byte)

