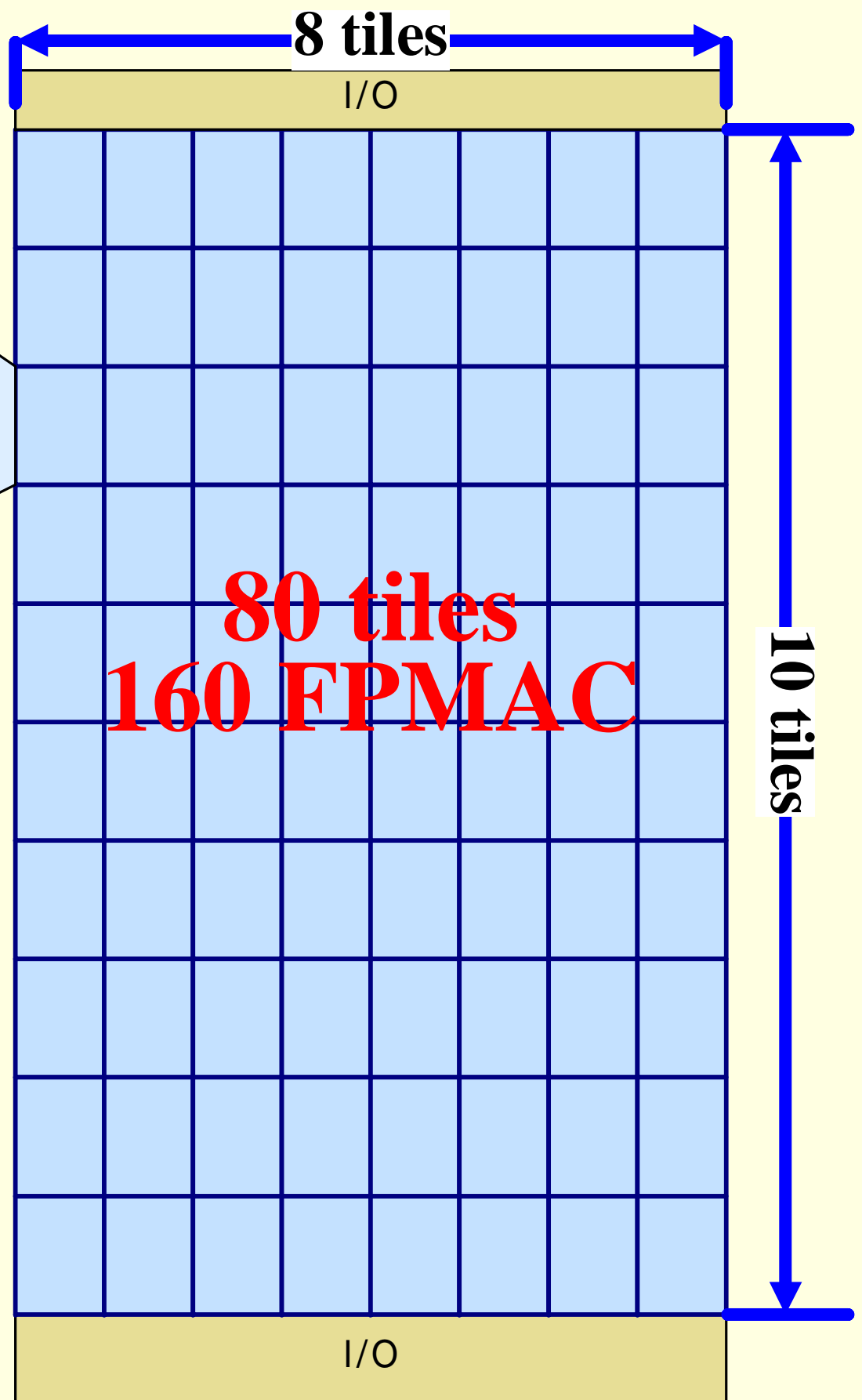
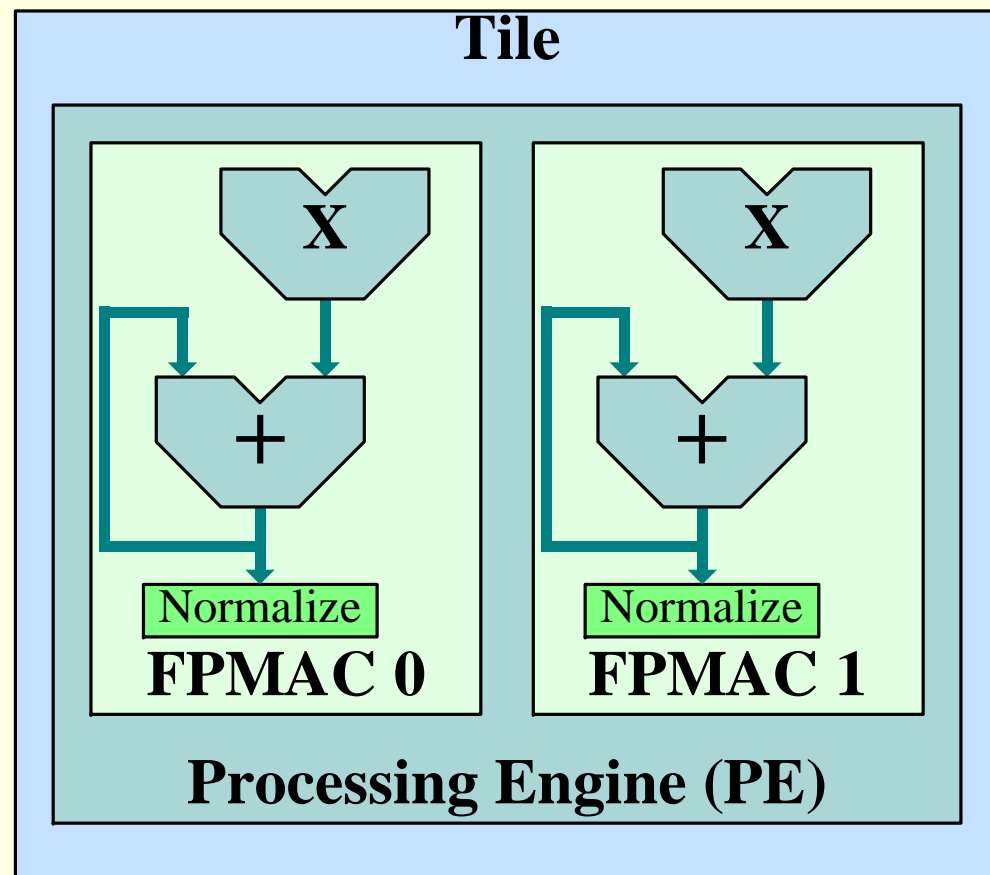


NoC Performance



Performance

2 Single-Precision FPMAC/PE
2 FPMAC x 2 operations(MADD) =
4 FP operations/cycle/PE
4 FP operations x 80 tiles = 320 FP operations/cycle

320 FP operations x 3.16GHz = 1 TFLOPS
320 FP operations x 4GHz = 1.28 TFLOPS
320 FP operations x 5.67GHz = 1.81 TFLOPS