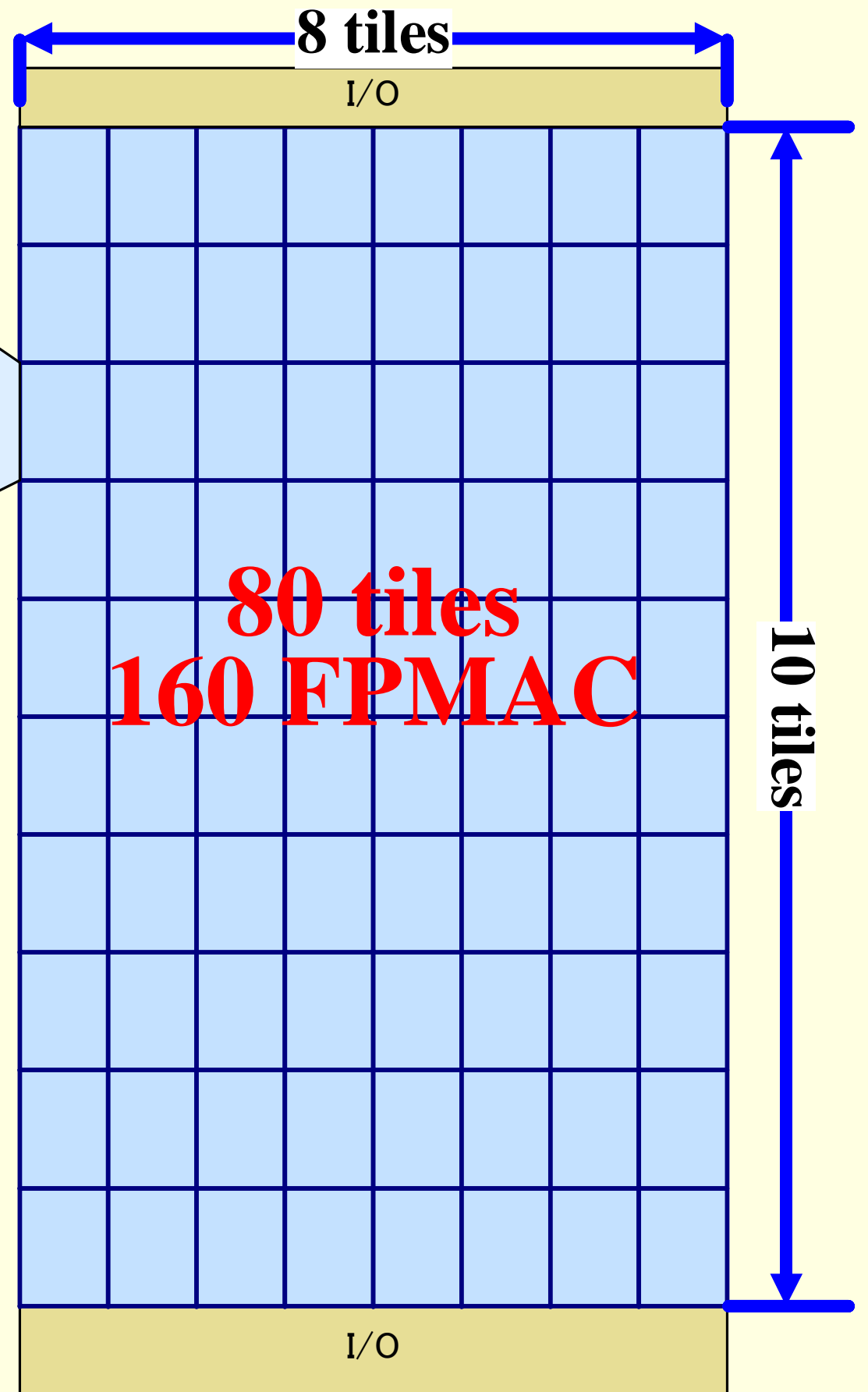
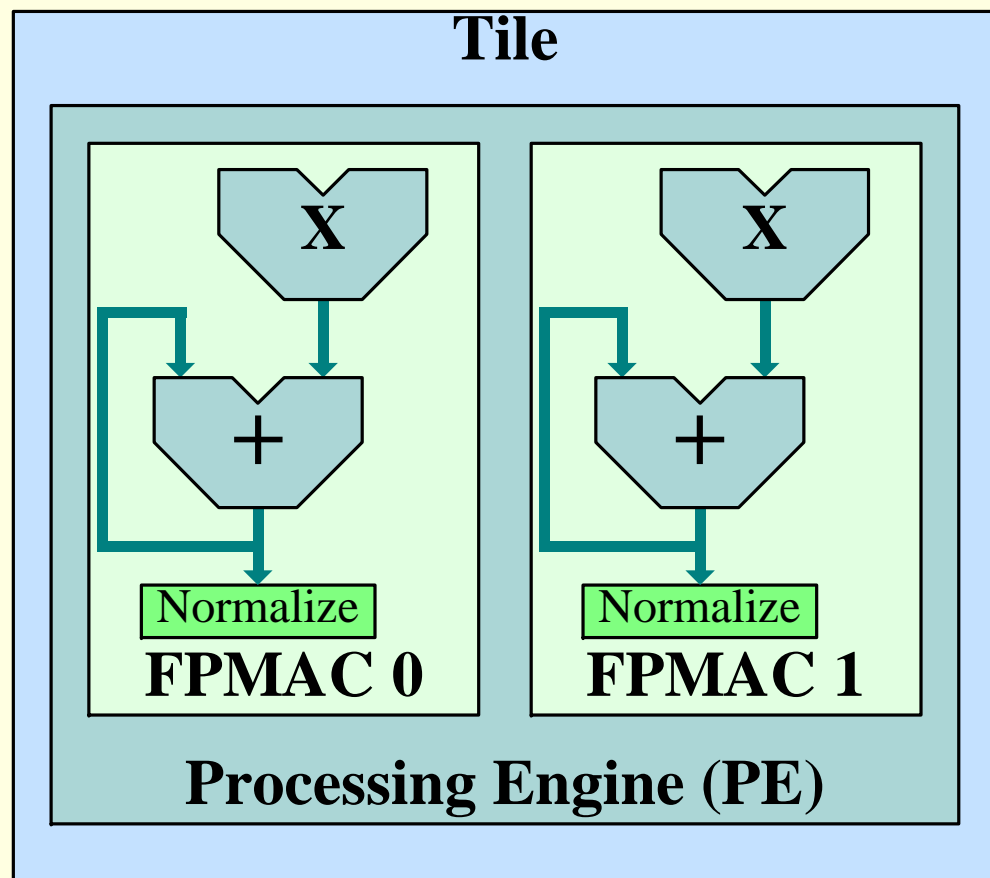


# NoC Performance



## 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