Int multiplication:

100- 0 ms

1000 - .750s

2000- 25.968

3000- 96.015

4000- 233.687

5000- 471.859s

Float multiplication:

100- 0ms

1000- .984

2000- 23.031

3000- 96.515

4000- 252.78

5000- 528.625

Int SIMD:

100-0

1000 – 2.171

2000- 26.218

3000- 93.281

4000- 226.796

5000- 450.218

float SIMD:

100-0

1000 -2.375

2000-28.250

3000- 100.796

4000- 233.062

5000-465.218

Block int:

1000- 1.093

2000- 9.343

3000- 32.734

4000- 78.156

5000- 153.0

Block flt:

1000- 1.984

2000- 16.671

3000- 58.187

4000-141.531

5000-276.578