**GPU Results**

./sc-gpu-gnu.bin /share/project/FG474/TrainingData/subgraph/Edge-Graph/**miami.graph** /share/project/FG474/TrainingData/subgraph/template/**u7-1.fascia** 10 24 0 0 1 1

Time for count per iter: 6.905812 seconds

spmv ratio 82.720245%

eMA ratio 5.407236%

Peak Mem Usage is : 1.507545 GB

SpMV/SpMM time is : 5.008127 second; EMA time is: 0.373288

SpMV/SpMM Memory bandwidth is : 19.373954 GBytes per second

FMA Memory bandwidth is : 27.622843 GBytes per second

Total Memory bandwidth is : 19.946147 GBytes per second

SpMV/SpMM Throughput is : 2.279289 Gflops per second

FMA Throughput is : 4.603807 Gflops per second

Total Throughput is : 2.440531 Gflops per second

Final raw count is 1.860971e+15

Prob is 0.006120

Final count is 3.040852e+17

./sc-gpu-gnu.bin /share/project/FG474/TrainingData/subgraph/Edge-Graph/**miami.graph** /share/project/FG474/TrainingData/subgraph/template/**u10-1.fascia** 10 24 0 0 1 1

Time for count per iter: 52.658258 seconds

spmv ratio 87.493225%

eMA ratio 6.393278%

Peak Mem Usage is : 4.661877 GB

SpMV/SpMM time is : 40.544762 second; EMA time is: 3.365172

SpMV/SpMM Memory bandwidth is : 20.351310 GBytes per second

FMA Memory bandwidth is : 35.504814 GBytes per second

Total Memory bandwidth is : 21.512645 GBytes per second

SpMV/SpMM Throughput is : 2.394272 Gflops per second

FMA Throughput is : 5.917469 Gflops per second

Total Throughput is : 2.664283 Gflops per second

Final raw count is 6.153605e+19

Prob is 0.000363

Final count is 1.695769e+23

./sc-gpu-gnu.bin /share/project/FG474/TrainingData/subgraph/Edge-Graph/**orkut.graph** /share/project/FG474/TrainingData/subgraph/template/**u7-1.fascia** 10 24 0 0 1 1

Time for count per iter: 15.029715 seconds

spmv ratio 88.581200%

eMA ratio 3.433105%

Peak Mem Usage is : 2.782173 GB

SpMV/SpMM time is : 12.282462 second; EMA time is: 0.515832

SpMV/SpMM Memory bandwidth is : 17.975580 GBytes per second

FMA Memory bandwidth is : 29.355880 GBytes per second

Total Memory bandwidth is : 18.434260 GBytes per second

SpMV/SpMM Throughput is : 2.114774 Gflops per second

FMA Throughput is : 4.892647 Gflops per second

Total Throughput is : 2.226736 Gflops per second

Final raw count is 1.153485e+20

Prob is 0.006120

Final count is 1.884811e+22

./sc-gpu-gnu.bin /share/project/FG474/TrainingData/subgraph/Edge-Graph/**orkut.graph** /share/project/FG474/TrainingData/subgraph/template/**u10-1.fascia** 10 24 0 0 1 1

Time for count per iter: 117.639138 seconds

spmv ratio 91.901235%

eMA ratio 4.097387%

Peak Mem Usage is : 7.412003 GB

SpMV/SpMM time is : 99.984250 second; EMA time is: 4.818346

SpMV/SpMM Memory bandwidth is : 18.778907 GBytes per second

FMA Memory bandwidth is : 36.415631 GBytes per second

Total Memory bandwidth is : 19.589763 GBytes per second

SpMV/SpMM Throughput is : 2.209283 Gflops per second

FMA Throughput is : 6.069272 Gflops per second

Total Throughput is : 2.386748 Gflops per second

Final raw count is 3.098930e+27

Prob is 0.000363

Final count is 8.539820e+30