name: GeForce GTX 480

Compute capability 2.0

total global memory(KB): 1509504

shared mem per block: 49152

regs per block: 32768

warp size: 32

max threads per block: 1024

max thread dim z:1024 y:1024 x:64

max grid size z:65535 y:65535 x:65535

clock rate(KHz):

total constant memory (bytes): 65536

multiprocessor count 15

memory bus width: 384

memory clock rate (KHz): 1848000

L2 cache size (bytes): 786432

max threads per SM: 1536

Number of elements: 10000000 GPU Time: 0.000150 CPU Time: 0.041592

Number of elements: 1000000 GPU Time: 0.000185 CPU Time: 0.004707

Number of elements: 10000 GPU Time: 0.000016 CPU Time: 0.000044

Number of elements: 100 GPU Time: 0.000016 CPU Time: 0.000005