

- A set of Streaming Multiprocessors (SMs)

From deviceQuery:

(15) Multiprocessors, (192) CUDA Cores/MP: 2880 CUDA Cores

- Each SM executes 1 'thread block' at a time.
- Each block has access to
  - Global memory (function arguments)

From deviceQuery:

Total amount of global memory: 3072 MBytes

- Shared memory (`__shared__ int array[512]`)

From deviceQuery:

Total amount of shared memory per block: 49152 bytes

- Local memory (local variables)

From deviceQuery:

Total number of registers available per block: 65536

