

	P100	V100
CUDA capability	6.0	7.0
Global memory (MB)	16276	16152
Multiprocessors (MP)	56	80
CUDA cores per MP	64	64
CUDA cores	3584	5120
GPU clock rate (MHz)	405	1380
Memory clock rate (MHz)	715	877
L2 cache size (MB)	4.194	6.291
Constant memory (bytes)	65536	65536
Shared mem blk (bytes)	49152	49152
Registers per block	65536	65536
Warp size	32	32
Max threads per MP	2048	2048
Max threads per block	1024	1024
CPU (Intel)	Ivy Bridge	Haswell
Architecture family	Pascal	Volta