

NVIDIA Tesla Family Specification Comparison				
	Tesla K80	Tesla K40	Tesla K20X	Tesla K20
Stream Processors	2 x 2496	2880	2688	2496
Core Clock	562MHz	745MHz	732MHz	706MHz
Boost Clock(s)	875MHz	810MHz, 875MHz	N/A	N/A
Memory Clock	5GHz GDDR5	6GHz GDDR5	5.2GHz GDDR5	5.2GHz GDDR5
Memory Bus Width	2 x 384-bit	384-bit	384-bit	320-bit
VRAM	2 x 12GB	12GB	6GB	5GB
Single Precision	8.74 TFLOPS	4.29 TFLOPS	3.95 TFLOPS	3.52 TFLOPS
Double Precision	2.91 TFLOPS (1/3)	1.43 TFLOPS (1/3)	1.31 TFLOPS (1/3)	1.17 TFLOPS (1/3)
Transistor Count	2 x 7.1B(?)	7.1B	7.1B	7.1B
TDP	300W	235W	235W	225W
Cooling	Passive	Active/Passive	Passive	Active/Passive
Manufacturing Process	TSMC 28nm	TSMC 28nm	TSMC 28nm	TSMC 28nm
Architecture	Kepler	Kepler	Kepler	Kepler
Launch Price	N/A	\$5499?	~\$3799	~\$3299