

TECHNICAL SPECIFICATIONS	TESLA K40	TESLA K20X	TESLA K20	TESLA K10 ¹
Peak double-precision floating point performance (board)	1.43 Tflops	1.31 Tflops	1.17 Tflops	0.19 Tflops
Peak single-precision floating point performance (board)	4.29 Tflops	3.95 Tflops	3.52 Tflops	4.58 Tflops
Number of GPUs	1 x GK110B	1 x GK110		2 x GK104s
Number of CUDA cores	2,880	2,688	2,496	2 x 1,536
Memory size per board (GDDR5)	12 GB	6 GB	5 GB	8 GB
Memory bandwidth for board (ECC off) ²	288 Gbytes/sec	250 Gbytes/sec	208 Gbytes/sec	320 Gbytes/sec
Architecture features	SMX, Dynamic Parallelism, Hyper-Q			SMX
System	Servers and workstations	Servers	Servers and workstations	Servers