

This chart consists of charts and data from Wikipedia [http://en.wikipedia.org/wiki/Comparison_of_Nvidia_graphics_processing_units and http://en.wikipedia.org/wiki/Nvidia_Tesla] that I modified to show data for almost all of the CUDA capable GPUs that I own, as well as Nvidia Tesla comparator cards/compute modules and a few other cards used by others for CUDA capability.

Configuration	Model	# of GPUs	Core clock in MHz (each)	Shaders		Memory					Processing Power (peak) GFLOPs			CUDA compute capability	TDP watts	Form factor and features
				Thread Processors (total) or SM or SMX/ CoreConfig/ Texture (GT/s)	Clock in MHz (each)	Bandwidth max (GB/s)	Bus type	Bus width (bit, each GPU)	Total size (MiB)	Clock (MHz)	Single Precision (SP) Total (MUL+ADD+SF)	GFLOPs (FMA) or (MADD+MUL)	Double Precision (DP)/FMA			
GeForce GTX 295	GT200-400-B3	2	576	-/ 2x240.80:28/2x46.08	1242	2x 111.9	GDDR 3	2x448	2x 896	1998	-----	1788.480	-----	-----	289	Full-height
GeForce GTX 480	GF100	1	700	15/480.60:48/42	1401	177.4	GDDR 5	384	1536	3696	-----	1344.96	-----	-----	250	Full-height
GeForce GTX 580	GF110-375-A1 ⁵	1	772	16/512.64:48/49.41	1544	192.384	GDDR 5	384	1536	4008	-----	1581.1	-----	-----	244	Full-height
GeForce GTX 670	GK104-325-A2	1	915/980/1084	7/1344:112:32/102.5	915/980/1084	192.256	GDDR 5	256	2048	1502 (6008)	-----	2459.52	-----	-----	170	Full-height
GeForce GTX 680	GK104-325-A2	1	1006/1058/1110	8/1536:128:32/128.8	1006/1058/1110	192.256	GDDR 5	256	2048	1502 (6008)		3090.43	----	-----	195	Full-height
GeForce GTX 780	GK110-300-A1	1	863/902/1002	12/2304:192:48/166	863/902/1002	288.4	GDDR 5	384	3072	1502 (6008)	3977	1030.4	515.2	2.0	238/247/225	Full-height
M2050 GPU Computing Module	M2050	1	575	448	1150	148.4	GDDR 5	384	3072	1546	1288	1030.4	515.2	2.0	225	Computing Module
M2070/M2070Q GPU Computing Module	M2070/M2070Q	1	575	448	1150	150.336	GDDR 5	384	6144	1566	1288	1030.4	515.2	2.0	225	Computing Module
M2090 GPU Computing Module	M2090	1	650	512	1301	177	GDDR 5	384	6144	1848	?	1332.2	666.1	2.0	225	Computing Module
S2050 1U GPU Computing System	S2050	4	575	4 x 448 (1792)	1150	4 x 148.4 (593.6)	GDDR 5	384	12288 ⁵	3092	5152	4121.6	2060.8	2.0	900	1U Rack IEEE 754-2008 FMAcapabilities
K10 GPU Computing Module	K10 / GK104	2	745	1536 per GPU	256 per GPU	160 per GPU	GDDR 5	-	4096 per GPU	2500	2288 per GPU	-	95 per GPU	3.0	225	Computing Module
K20 GPU Computing Module	GK110	1	745	2496	706	208	GDDR 5	384	5120	2560	3520	-	1170	3.5	225	Computing Module
K20X GPU Computing Module	GK110	1	<u>735</u>	<u>2688</u>	732	<u>250</u>	GDDR 5	384	6144	5200	<u>3950</u>	384	<u>1310</u>	3.5	<u>235</u>	Computing Module
GeForce GTX Titan	GK110-400-A1	1	<u>836/875/993</u> but mine are now O'ced to ~ <u>1250</u>	<u>12/2688:224:48/187.5</u>	<u>836/875/993</u> but mine are now O'ced to ~ <u>1250</u>	<u>288.4</u> but mine are now O'ced to yield about <u>375</u>	GDDR 5	384	6144	1502 (6008) but mine are now O'ced to yield ~ <u>7808</u>	<u>4500</u> but mine are now O'ced to yield ~ <u>6.728</u>	<u>384</u> but mine are now O'ced to yield ~ <u>572.16</u>	<u>1300 - 1500</u> but mine are now O'ced to yield ~ <u>2.243</u>	3.5	<u>250.</u> but mince probably now consume about <u>380 - 400</u>	Full-height

