

mixbench/alternating (v0.03)																	
----- Device specifications -----																	
Device:		Tesla K20Xm															
CUDA driver version:		9.20															
GPU clock rate:		732 MHz															
Memory clock rate:		1300 MHz															
Memory bus width:		384 bits															
WarpSize:		32															
L2 cache size:		1536 KB															
Total global mem:		5700 MB															
ECC enabled:		Yes															
Compute Capability:		3.5															
Total SPs:		2688 (14 MPs x 192 SPs/MP)															
Compute throughput:		3935.23 GFlops (theoretical single precision FMAs)															
Memory bandwidth:		249.60 GB/sec															

Total GPU memory		5977800704, free 5899026432															
Buffer size:		64MB															
Trade-off type:		compute with global memory (block strided)															
Warning:		Half precision computations are not supported															
Compute iters	Single Precision ops				Double precision ops				Half precision ops				Integer operations				
	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	lops/byte	ex.time	GIOPS	GB/sec	
0	0	49.67	0	172.95	0	104.64	0	164.18	0	0	-nan	inf	0	46.36	0	185.29	
1	0.129	46.25	23.22	179.94	0.065	101.96	10.53	163.24	0.258	0	inf	inf	0.129	45.76	23.47	181.87	
2	0.267	45.61	47.08	176.57	0.133	97.2	22.09	165.7	0.533	0	inf	inf	0.267	45.79	46.9	175.87	
3	0.414	42.24	76.25	184.28	0.207	93.93	34.29	165.75	0.828	0	inf	inf	0.414	43.01	74.89	180.98	
4	0.571	41.89	102.53	179.43	0.286	90.45	47.48	166.19	1.143	0	inf	inf	0.571	42.41	101.28	177.24	
5	0.741	38.37	139.91	188.87	0.37	88.8	60.46	163.24	1.481	0	inf	inf	0.741	39.13	137.19	185.21	
6	0.923	37.75	170.66	184.88	0.462	85.09	75.71	164.04	1.846	0	inf	inf	0.923	38.38	167.88	181.87	
7	1.12	34.04	220.78	197.12	0.56	80.88	92.92	165.94	2.24	0	inf	inf	1.12	35.19	213.61	190.72	
8	1.333	33.62	255.51	191.64	0.667	77.51	110.83	166.24	2.667	0	inf	inf	1.333	34.72	247.38	185.53	
9	1.565	29.52	327.31	209.11	0.783	75.25	128.42	164.09	3.13	0	inf	inf	1.565	19.08	506.58	323.65	
10	1.818	29.34	365.95	201.27	0.909	71.84	149.46	164.4	3.636	0	inf	inf	1.818	20.55	522.44	287.34	
11	2.095	26.13	451.97	215.71	1.048	68.3	172.92	165.06	4.19	0	inf	inf	2.095	20.95	563.79	269.08	
12	2.4	25.55	504.36	210.15	1.2	65.08	198	165	4.8	0	inf	inf	2.4	23.3	553.08	230.45	
13	2.737	21.6	646.27	236.14	1.368	61.65	226.41	165.45	5.474	0	inf	inf	2.737	24.5	569.85	208.21	
14	3.111	20.52	732.55	235.46	1.556	58.21	258.25	166.02	6.222	0	inf	inf	3.111	26.49	567.51	182.41	
15	3.529	17.16	938.84	266	1.765	53.63	300.29	170.17	7.059	0	inf	inf	3.529	27.75	580.35	164.43	
16	4	25.2	681.74	170.44	2	52.76	325.59	162.8	8	0	inf	inf	4	29.85	575.45	143.86	
17	4.533	22.86	798.58	176.16	2.267	48.3	377.93	166.73	9.067	0	inf	inf	4.533	30.96	589.53	130.04	
18	5.143	21.74	888.83	172.83	2.571	46.22	418.15	162.61	10.286	0	inf	inf	5.143	33.02	585.33	113.81	
19	5.846	19.2	1062.69	181.78	2.923	41.9	486.92	166.58	11.692	0	inf	inf	5.846	35.03	582.32	99.61	
20	6.667	18	1193.08	178.96	3.333	39.76	540.14	162.04	13.333	0	inf	inf	6.667	37.06	579.54	86.93	
21	7.636	15.83	1424.17	186.5	3.818	35.32	638.38	167.19	15.273	0	inf	inf	7.636	37.41	602.67	78.92	
22	8.8	15.78	1497.13	170.13	4.4	33.07	714.24	162.33	17.6	0	inf	inf	8.8	39.73	594.51	67.56	
23	10.222	13.2	1871.5	183.08	5.111	28.42	869.08	170.04	20.444	0	inf	inf	10.222	40.3	612.87	59.95	
24	12	12.79	2014.49	167.87	6	26.46	973.94	162.32	24	0	inf	inf	12	43.18	596.8	49.73	
25	14.286	10.75	2497.08	174.8	7.143	23.72	1131.46	158.4	28.571	0	inf	inf	14.286	44.63	601.42	42.1	
26	17.333	11.38	2452.2	141.47	8.667	23.98	1164.16	134.33	34.667	0	inf	inf	17.333	46.31	602.88	34.78	
27	21.6	10.65	2721.14	125.98	10.8	24.9	1164.15	107.79	43.2	0	inf	inf	21.6	46.02	629.97	29.17	
28	28	9.6	3131.52	111.84	14	25.26	1190.38	85.03	56	0	inf	inf	28	49.26	610.31	21.8	
29	38.667	10.12	3077.58	79.59	19.333	26.14	1191.2	61.61	77.333	0	inf	inf	38.667	50.35	618.46	15.99	
30	60	9.98	3228.22	53.8	30	26.26	1226.78	40.89	120	0	inf	inf	60	52.27	616.24	10.27	
31	124	10.22	3257.91	26.27	62	26.03	1278.95	20.63	248	0	inf	inf	124	52.02	639.88	5.16	
32	inf	10.49	3275.76	0	inf	27.17	1264.82	0	inf	0	inf	-nan	inf	54.22	633.75	0	