

mixbench/read-only (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: 256MB																
Trade-off type: compute with global memory (block strided)																
Elements per thread: 8																
Thread fusion degree: 4																
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	0.25	0.73	45.72	182.86	0.125	1.49	22.46	179.71	0.5	0	inf	inf	0.25	0.73	45.67	182.68
1	0.75	0.73	137.36	183.15	0.375	1.49	67.37	179.65	1.5	0	inf	inf	0.75	0.73	137.31	183.09
2	1.25	0.73	228.38	182.7	0.625	1.49	112.34	179.75	2.5	0	inf	inf	1.25	0.74	227.57	182.05
3	1.75	0.73	320.9	183.37	0.875	1.5	157.05	179.48	3.5	0	inf	inf	1.75	0.74	316.86	181.06
4	2.25	0.73	411.64	182.95	1.125	1.49	202.09	179.64	4.5	0	inf	inf	2.25	0.75	401.1	178.27
5	2.75	0.73	503.46	183.08	1.375	1.49	247.12	179.72	5.5	0	inf	inf	2.75	0.81	453.64	164.96
6	3.25	0.73	596.12	183.42	1.625	1.49	292.22	179.83	6.5	0	inf	inf	3.25	0.9	484.16	148.97
7	3.75	0.73	686.03	182.94	1.875	1.5	336.22	179.32	7.5	0	inf	inf	3.75	0.98	513.17	136.85
8	4.25	0.73	778.45	183.17	2.125	1.49	382.77	180.13	8.5	0	inf	inf	4.25	1.34	425.01	100
9	4.75	0.74	865.16	182.14	2.375	1.49	427.11	179.84	9.5	0	inf	inf	4.75	1.18	538.59	113.39
10	5.25	0.73	961.66	183.17	2.625	1.49	472.38	179.96	10.5	0	inf	inf	5.25	1.3	541.77	103.19
11	5.75	0.73	1052.33	183.01	2.875	1.49	516.27	179.57	11.5	0	inf	inf	5.75	1.4	552.97	96.17
12	6.25	0.73	1144.33	183.09	3.125	1.49	562.07	179.86	12.5	0	inf	inf	6.25	1.79	469.7	75.15
13	6.75	0.74	1227.26	181.82	3.375	1.49	608.96	180.43	13.5	0	inf	inf	6.75	1.62	560.04	82.97
14	7.25	0.74	1321.6	182.29	3.625	1.49	653.29	180.22	14.5	0	inf	inf	7.25	1.7	572.49	78.96
15	7.75	0.73	1417.8	182.94	3.875	1.49	696.98	179.87	15.5	0	inf	inf	7.75	1.82	571.79	73.78
16	8.25	0.73	1506.64	182.62	4.125	1.49	741.47	179.75	16.5	0	inf	inf	8.25	2.23	497.28	60.28
17	8.75	0.74	1588.68	181.56	4.375	1.49	786.86	179.85	17.5	0	inf	inf	8.75	2.04	575.9	65.82
18	9.25	0.74	1675.48	181.13	4.625	1.5	828.72	179.18	18.5	0	inf	inf	9.25	2.09	593.34	64.14
20	10.25	0.74	1851.49	180.63	5.125	1.5	916.57	178.84	20.5	0	inf	inf	10.25	2.67	516.12	50.35
22	11.25	0.74	2035.1	180.9	5.625	1.53	985.83	175.26	22.5	0	inf	inf	11.25	2.47	612.51	54.45
24	12.25	0.74	2211.04	180.49	6.125	1.57	1044.04	170.46	24.5	0	inf	inf	12.25	3.1	530.11	43.27
28	14.25	0.77	2471.52	173.44	7.125	1.69	1134.61	159.24	28.5	0	inf	inf	14.25	3.55	538.51	37.79
32	16.25	0.83	2637.77	162.32	8.125	1.84	1183.08	145.61	32.5	0	inf	inf	16.25	3.98	548.57	33.76
40	20.25	0.93	2933.84	144.88	10.125	2.23	1218.71	120.37	40.5	0	inf	inf	20.25	4.85	559.96	27.65
48	24.25	1.09	2986.34	123.15	12.125	2.64	1233.1	101.7	48.5	0	inf	inf	24.25	5.72	568.83	23.46
56	28.25	1.26	3017.37	106.81	14.125	3.05	1241.71	87.91	56.5	0	inf	inf	28.25	6.58	575.96	20.39
64	32.25	1.42	3052.93	94.66	16.125	3.49	1238.9	76.83	64.5	0	inf	inf	32.25	7.46	580.26	17.99
80	40.25	1.74	3097.57	76.96	20.125	4.34	1245.59	61.89	80.5	0	inf	inf	40.25	9.17	588.95	14.63
96	48.25	2.07	3134.15	64.96	24.125	5.17	1253.43	51.96	96.5	0	inf	inf	48.25	10.96	590.72	12.24
128	64.25	2.71	3187.65	49.61	32.125	6.81	1265.49	39.39	128.5	0	inf	inf	64.25	14.39	599.16	9.33
192	96.25	4.18	3088.62	32.09	48.125	10.07	1282.44	26.65	192.5	0	inf	inf	96.25	21.29	606.71	6.3
256	128.25	6.9	2492.99	19.44	64.125	13.74	1252.76	19.54	256.5	0	inf	inf	128.25	28.15	611.49	4.77