

mixbench/read-only (v0.03)																
----- Device specifications -----																
Device: Tesla K40m																
CUDA driver version: 9.20																
GPU clock rate: 745 MHz																
Memory clock rate: 1502 MHz																
Memory bus width: 384 bits																
WarpSize: 32																
L2 cache size: 1536 KB																
Total global mem: 11441 MB																
ECC enabled: Yes																
Compute Capability: 3.5																
Total SPs: 2880 (15 MPs x 192 SPs/MP)																
Compute throughput: 4291.20 GFlops (theoretical single precision FMAs)																
Memory bandwidth: 288.38 GB/sec																
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Total GPU memory 11996954624, free 11913723904																
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	0.71	47.44	189.77	0.125	1.43	23.45	187.58	0.5	0	inf	inf	0.25	0.71	47.55	190.2
1	0.75	0.7	142.85	190.47	0.375	1.43	70.37	187.66	1.5	0	inf	inf	0.75	0.71	142.33	189.77
2	1.25	0.71	237.61	190.09	0.625	1.43	117.01	187.21	2.5	0	inf	inf	1.25	0.71	237.21	189.77
3	1.75	0.7	333.17	190.38	0.875	1.43	164.11	187.56	3.5	0	inf	inf	1.75	0.7	333.7	190.68
4	2.25	0.71	427.76	190.11	1.125	1.43	211.08	187.63	4.5	0	inf	inf	2.25	0.71	428.18	190.3
5	2.75	0.7	524.55	190.75	1.375	1.43	257.9	187.56	5.5	0	inf	inf	2.75	0.71	519.21	188.81
6	3.25	0.7	618.91	190.43	1.625	1.43	305.27	187.86	6.5	0	inf	inf	3.25	0.77	567.48	174.61
7	3.75	0.7	715.98	190.93	1.875	1.43	352.25	187.87	7.5	0	inf	inf	3.75	0.82	614.09	163.76
8	4.25	0.7	813.33	191.37	2.125	1.43	399.55	188.02	8.5	0	inf	inf	4.25	1.09	523.7	123.22
9	4.75	0.7	904.56	190.43	2.375	1.43	446.33	187.93	9.5	0	inf	inf	4.75	0.98	648.85	136.6
10	5.25	0.7	1004.52	191.34	2.625	1.43	493.51	188.01	10.5	0	inf	inf	5.25	1.09	648.93	123.61
11	5.75	0.7	1100.44	191.38	2.875	1.43	540.75	188.09	11.5	0	inf	inf	5.75	1.17	658.67	114.55
12	6.25	0.7	1191.56	190.65	3.125	1.43	587.74	188.08	12.5	0	inf	inf	6.25	1.46	573.64	91.78
13	6.75	0.7	1287.47	190.74	3.375	1.43	634.12	187.89	13.5	0	inf	inf	6.75	1.36	664.59	98.46
14	7.25	0.7	1386.63	191.26	3.625	1.43	679.8	187.53	14.5	0	inf	inf	7.25	1.45	672.48	92.76
15	7.75	0.7	1480.43	191.02	3.875	1.43	726.03	187.36	15.5	0	inf	inf	7.75	1.55	671.87	86.69
16	8.25	0.71	1569.8	190.28	4.125	1.43	773.06	187.41	16.5	0	inf	inf	8.25	1.84	601.56	72.92
17	8.75	0.71	1663.12	190.07	4.375	1.43	819.66	187.35	17.5	0	inf	inf	8.75	1.74	673.66	76.99
18	9.25	0.71	1755.61	189.8	4.625	1.43	865.7	187.18	18.5	0	inf	inf	9.25	1.82	680.94	73.62
20	10.25	0.7	1951.5	190.39	5.125	1.43	958.91	187.1	20.5	0	inf	inf	10.25	2.22	618.99	60.39
22	11.25	0.71	2133.18	189.62	5.625	1.44	1046.95	186.12	22.5	0	inf	inf	11.25	2.19	688.86	61.23
24	12.25	0.71	2326.69	189.93	6.125	1.49	1101.16	179.78	24.5	0	inf	inf	12.25	2.6	632.38	51.62
28	14.25	0.74	2601.93	182.59	7.125	1.59	1205.33	169.17	28.5	0	inf	inf	14.25	2.98	641.5	45.02
32	16.25	0.79	2773.78	170.69	8.125	1.71	1275.52	156.99	32.5	0	inf	inf	16.25	3.36	649.42	39.96
40	20.25	0.89	3053.67	150.8	10.125	2.07	1316.02	129.98	40.5	0	inf	inf	20.25	4.12	660.16	32.6
48	24.25	1.05	3114.26	128.42	12.125	2.44	1331.25	109.79	48.5	0	inf	inf	24.25	4.88	666.59	27.49
56	28.25	1.2	3163.84	111.99	14.125	2.83	1339.3	94.82	56.5	0	inf	inf	28.25	5.64	672.63	23.81
64	32.25	1.35	3209.01	99.5	16.125	3.24	1337.17	82.92	64.5	0	inf	inf	32.25	6.4	676.47	20.98
80	40.25	1.67	3244.56	80.61	20.125	4.01	1347.16	66.94	80.5	0	inf	inf	40.25	7.9	683.98	16.99
96	48.25	1.98	3278.92	67.96	24.125	4.78	1355.06	56.17	96.5	0	inf	inf	48.25	9.42	687.27	14.24
128	64.25	2.6	3319.34	51.66	32.125	6.29	1371.35	42.69	128.5	0	inf	inf	64.25	12.5	689.76	10.74
192	96.25	3.98	3244.15	33.71	48.125	9.31	1388.02	28.84	192.5	0	inf	inf	96.25	18.49	698.84	7.26
256	128.25	6.38	2699.82	21.05	64.125	12.68	1357.29	21.17	256.5	0	inf	inf	128.25	24.65	698.18	5.44