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mixbench/read-only (v0.03)
----- Device specifications -----
Device:      GeForce RTX 2080
CUDA driver version: 10.0
GPU clock rate: 1710 MHz
Memory clock rate: 3500 MHz
Memory bus width: 256 bits
WarpSize:   32
L2 cache size: 4096 KB
Total global mem: 7952 MB
ECC enabled: No
Compute Capability: 7.5
Total SPs:   5888 (46 MPs x 128 SPs/MP)
Compute throughput: 20136.96 GFlops (theoretical single precision FMAs)
Memory bandwidth: 448.00 GB/sec

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Total GPU memory 8338604032, free 8183611392
Buffer size: 256MB
Trade-off type: compute with global memory (block strided)
Elements per thread: 8
Thread fusion degree: 4

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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	0.32	103.48	413.93	0.125	0.64	52.71	421.64	0.5	0.32	209.86	419.72	0.25	0.32	105.03	420.1
1	0.75	0.32	314.38	419.18	0.375	0.64	157.66	420.42	1.5	0.32	629.52	419.68	0.75	0.32	314.86	419.81
2	1.25	0.32	524.34	419.47	0.625	0.75	223.31	357.3	2.5	0.32	1048.68	419.47	1.25	0.32	521.21	416.97
3	1.75	0.32	733.86	419.35	0.875	1.04	226.17	258.48	3.5	0.32	1470.36	420.1	1.75	0.32	732.32	418.47
4	2.25	0.32	939.49	417.55	1.125	1.33	227.56	202.27	4.5	0.32	1889.89	419.98	2.25	0.32	944	419.56
5	2.75	0.32	1153.9	419.6	1.375	1.62	228.42	166.12	5.5	0.32	2309.64	419.93	2.75	0.32	1155.28	420.1
6	3.25	0.32	1360.43	418.59	1.625	1.9	229.02	140.94	6.5	0.32	2718.14	418.18	3.25	0.32	1362.74	419.3
7	3.75	0.32	1571.61	419.1	1.875	2.19	229.35	122.32	7.5	0.32	3145.1	419.35	3.75	0.32	1558.53	415.61
8	4.25	0.32	1780.8	419.01	2.125	2.48	229.79	108.14	8.5	0.32	3550.25	417.68	4.25	0.34	1673.47	393.76
9	4.75	0.32	1981.79	417.22	2.375	2.77	230.06	96.87	9.5	0.32	3965.55	417.43	4.75	0.32	1986.73	418.26
10	5.25	0.32	2194.55	418.01	2.625	3.06	230.23	87.71	10.5	0.32	4400.94	419.14	5.25	0.32	2192.58	417.63
11	5.75	0.32	2403.07	417.93	2.875	3.35	230.45	80.16	11.5	0.32	4821.52	419.26	5.75	0.32	2400.2	417.43
12	6.25	0.32	2601.41	416.23	3.125	3.64	230.56	73.78	12.5	0.32	5218.87	417.51	6.25	0.35	2384.43	381.51
13	6.75	0.32	2800.91	414.95	3.375	3.93	230.68	68.35	13.5	0.32	5656.09	418.97	6.75	0.32	2818.47	417.55
14	7.25	0.32	3026.34	417.43	3.625	4.22	230.81	63.67	14.5	0.32	6059.93	417.93	7.25	0.32	3012.25	415.48
15	7.75	0.32	3225.43	416.18	3.875	4.51	230.87	59.58	15.5	0.32	6470.76	417.47	7.75	0.32	3228.95	416.64
16	8.25	0.32	3443.77	417.43	4.125	4.79	230.97	55.99	16.5	0.32	6886.17	417.34	8.25	0.36	3090.11	374.56
17	8.75	0.32	3645.59	416.64	4.375	5.08	231.06	52.81	17.5	0.32	7304.97	417.43	8.75	0.33	3606.54	412.18
18	9.25	0.32	3842.84	415.44	4.625	5.37	231.17	49.98	18.5	0.32	7691.77	415.77	9.25	0.33	3819.39	412.91
20	10.25	0.32	4258.28	415.44	5.125	5.95	231.23	45.12	20.5	0.32	8545.34	416.85	10.25	0.37	3754.07	366.25
22	11.25	0.32	4686.72	416.6	5.625	6.53	231.34	41.13	22.5	0.32	9348.37	415.48	11.25	0.33	4613.86	410.12
24	12.25	0.32	5107.38	416.93	6.125	7.04	233.52	38.13	24.5	0.32	10211.71	416.8	12.25	0.38	4375.02	357.14
28	14.25	0.33	5805.05	407.37	7.125	8.18	233.82	32.82	28.5	0.32	11821.37	414.78	14.25	0.39	4896.28	343.6
32	16.25	0.32	6732.26	414.29	8.125	9.32	233.91	28.79	32.5	0.32	13456.55	414.05	16.25	0.4	5411.9	333.04
40	20.25	0.34	8047.63	397.41	10.125	10.49	259.03	25.58	40.5	0.32	16798.79	414.78	20.25	0.39	7024.04	346.87
48	24.25	0.33	9790.34	403.73	12.125	11.26	289.11	23.84	48.5	0.33	19990.54	412.18	24.25	0.41	7863.31	324.26
56	28.25	0.37	10246.38	362.7	14.125	13.11	289.15	20.47	56.5	0.36	20776.62	367.73	28.25	0.45	8458.67	299.42
64	32.25	0.42	10323.31	320.1	16.125	14.97	289.21	17.94	64.5	0.41	20864.77	323.48	32.25	0.49	8843.25	274.21
80	40.25	0.51	10530.89	261.64	20.125	18.67	289.34	14.38	80.5	0.51	21106.55	262.19	40.25	0.58	9353.99	232.4
96	48.25	0.61	10658.06	220.89	24.125	22.38	289.4	12	96.5	0.61	21257.9	220.29	48.25	0.67	9611.28	199.2
128	64.25	0.81	10703.58	166.59	32.125	29.79	289.51	9.01	128.5	0.8	21520.85	167.48	64.25	0.87	9919.9	154.4
192	96.25	1.19	10878.22	113.02	48.125	44.61	289.6	6.02	192.5	1.19	21736.53	112.92	96.25	1.27	10144.02	105.39
256	128.25	1.59	10828.34	84.43	64.125	59.43	289.63	4.52	256.5	1.6	21543.49	83.99	128.25	1.69	10215.54	79.65