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mixbench/alternating (v0.03)
----- Device specifications -----
Device: GeForce RTX 2080 Ti
CUDA driver version: 10.0
GPU clock rate: 1545 MHz
Memory clock rate: 3500 MHz
Memory bus width: 352 bits
WarpSize: 32
L2 cache size: 5632 KB
Total global mem: 10989 MB
ECC enabled: No
Compute Capability: 7.5
Total SPs: 8704 (68 MPs x 128 SPs/MP)
Compute throughput: 26895.36 GFlops (theoretical single precision FMAs)
Memory bandwidth: 616.00 GB/sec

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Total GPU memory 11523260416, free 11309547520
Buffer size: 64MB
Trade-off type: compute with global memory (block strided)

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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	12.74	0	674.33	0	31.01	0	553.98	0	12.85	0	668.41	0	12.94	0	663.75
1	0.129	12.25	87.64	679.23	0.065	32.45	33.09	512.91	0.258	12.21	175.88	681.54	0.129	12.21	87.92	681.36
2	0.267	11.71	183.36	687.61	0.133	29.67	72.38	542.88	0.533	11.84	362.83	680.3	0.267	11.77	182.52	684.45
3	0.414	10.88	296.17	715.74	0.207	28.49	113.07	546.51	0.828	10.84	594.34	718.16	0.414	10.76	299.31	723.33
4	0.571	10.28	417.64	730.87	0.286	28.11	152.8	534.81	1.143	10.25	837.77	733.05	0.571	10.26	418.48	732.34
5	0.741	9.31	576.43	778.18	0.37	26.93	199.32	538.17	1.481	9.33	1150.8	776.79	0.741	9.38	572.5	772.87
6	0.923	8.71	739.81	801.46	0.462	26.1	266.81	534.75	1.846	8.67	1486.38	805.12	0.923	8.73	737.9	799.39
7	1.12	7.92	948.73	847.08	0.56	25.19	298.33	532.73	2.24	7.89	1905.4	850.62	1.12	7.88	953.92	851.71
8	1.333	7.16	1199.44	899.58	0.667	18.62	461.29	691.94	2.667	7.17	2396.62	898.73	1.333	7.21	1191.16	893.37
9	1.565	6.47	1494.06	954.54	0.783	20.89	462.5	590.97	3.13	6.44	3001.08	958.68	1.565	6.43	1502.42	959.88
10	1.818	5.57	1926.71	1059.69	0.909	23.17	463.36	509.7	3.636	5.65	3800.5	1045.14	1.818	5.67	1893.26	1041.29
11	2.095	4.94	2389.05	1140.23	1.048	25.46	463.86	442.77	4.19	5	4725.19	1127.6	2.095	5.02	2351.94	1122.52
12	2.4	4.31	2991.19	1246.33	1.2	27.82	463.22	386.01	4.8	4.33	5946.64	1238.88	2.4	4.38	2944.81	1227.01
13	2.737	3.88	3600.65	1315.62	1.368	30.04	464.65	339.55	5.474	3.88	7191.92	1313.91	2.737	3.93	3554.64	1298.81
14	3.111	3.34	4495.03	1444.83	1.566	32.26	465.99	299.57	6.222	3.34	9006.86	1447.53	3.111	3.33	4517.42	1452.03
15	3.529	2.92	5522.27	1564.64	1.765	34.54	466.31	264.24	7.059	2.93	10990.64	1557.01	3.529	2.92	5515.07	1562.6
16	4	6.42	2677.51	669.38	2	36.81	466.78	233.39	8	6.5	5289.16	661.15	4	6.67	2575.8	643.95
17	4.533	5.38	3393.99	748.68	2.267	39.09	466.91	205.99	9.067	5.41	6746.88	744.14	4.533	5.37	3397.96	749.55
18	5.143	5.11	3784.38	735.85	2.571	41.45	466.28	181.33	10.286	5.16	7491.55	728.34	5.143	5.28	3660.33	711.73
19	5.846	4	5104.81	873.19	2.923	43.74	466.38	159.55	11.692	3.99	10222.14	874.26	5.846	3.98	5120.88	875.94
20	6.667	3.61	5944.62	891.69	3.333	46.02	466.64	139.99	13.333	3.61	11904.96	892.87	6.667	3.72	5771.46	865.72
21	7.636	3.13	7212.46	944.49	3.818	48.24	467.4	122.41	15.273	3.14	14366.69	940.68	7.636	3.14	7182.69	940.59
22	8.8	4.14	5706.8	648.5	4.4	50.52	467.61	106.27	17.6	4.17	11321.27	643.25	8.8	4.24	5573.53	633.36
23	10.222	2.86	8649.99	846.19	5.111	52.81	467.63	91.49	20.444	2.83	17423.4	852.23	10.222	2.82	8742.89	855.28
24	12	3.66	7049.25	587.44	6	55.08	467.86	77.98	24	3.63	14192.17	591.34	12	3.66	7037.42	586.45
25	14.286	2.89	9287.24	650.11	7.143	57.39	467.73	65.48	28.571	2.89	18556.81	649.49	14.286	2.89	9289.3	650.25
26	17.333	2.58	10799.89	623.07	8.667	59.66	467.91	53.99	34.667	2.58	21648.56	624.48	17.333	2.65	10550.18	608.66
27	21.6	2.02	14382.98	665.88	10.8	61.94	468.05	43.34	43.2	2.02	28655.42	663.32	21.6	2.02	14380.24	665.75
28	28	2.07	14515.85	518.42	14	64.23	468.09	33.44	56	2.09	28798.56	514.26	28	2.14	14030.92	501.1
29	38.667	2.15	14472.15	374.28	19.333	66.53	468.04	24.21	77.333	2.17	28687.46	370.96	38.667	2.15	14474.95	374.35
30	60	2.23	14422.92	240.38	30	68.8	468.23	15.61	120	2.22	29068.23	242.24	60	2.28	14119.07	235.32
31	124	2.24	14883.63	120.03	62	71.11	468.11	7.55	248	2.24	29714.54	119.82	124	2.25	14823.4	119.54
32	inf	2.3	14929.67	0	inf	73.38	468.21	0	inf	2.32	29605.36	0	inf	2.47	13932.76	0