mixbench-ocl/read-only (v0.02-55-gf517fbe)
Use "-h" argument to see available options
---------- Device specifications ----------
Platform: AMD Accelerated Parallel Processing
Device: gfx900/Advanced Micro Devices, Inc.
Driver version: 2574.0 (HSA1.1,LC)
Address bits: 64
GPU clock rate: 1600 MHz
Total global mem: 16368 MB
Max allowed buffer: 13912 MB
OpenCL version: OpenCL 1.2
Total CUs: 64

Buffer size: 256MB
Workgroup size: 256
Elements per workitem: 8
Workitem fusion degree: 4
Workitem stride: NDRange
Buffer allocation: Device allocated
Timer: CL event based
Loading kernel source file...
Precompilation of kernels... [>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>]

	Single Precision ops				Double precision ops				Half precision ops				Integer operations			
Compute iters	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	Flops/byte	ex.time	GFLOPS	GB/sec	Iops/byte	ex.time	GIOPS	GB/sec
0	0.25	0.46	72.41	289.63	0.125	0.92	36.5	291.96	0.5	0.46	144.35	288.71	0.25	0.47	72.04	288.16
1	0.75	0.46	216.81	289.08	0.375	0.92	109.26	291.35	1.5	0.47	432.1	288.06	0.75	0.46	216.67	288.89
2	1.25	0.47	360.42	288.34	0.625	0.92	181.83	290.93	2.5	0.46	722.46	288.98	1.25	0.46	361.46	289.17
3	1.75	0.46	505.24	288.71	0.875	0.92	255.18	291.64	3.5	0.46	1012.09	289.17	1.75	0.46	505.56	288.89
4	2.25	0.47	648.97	288.43	1.125	0.92	327.72	291.31	4.5	0.47	1298.77	288.62	2.25	0.47	647.94	287.97
5	2.75	0.46	796.23	289.54	1.375	0.93	398.88	290.09	5.5	0.47	1586.88	288.52	2.75	0.47	785.19	285.52
6	3.25	0.47	937.4	288.43	1.625	0.93	470.42	289.49	6.5	0.46	1877.2	288.8	3.25	0.47	929.12	285.88
7	3.75	0.47	1080.59	288.16	1.875	0.93	540.98	288.52	7.5	0.47	2160.49	288.06	3.75	0.47	1064.67	283.91
8	4.25	0.46	1227.01	288.71	2.125	0.94	609.71	286.92	8.5	0.47	2450.11	288.25	4.25	0.47	1216.92	286.33
9	4.75	0.46	1371.36	288.71	2.375	0.96	665.64	280.27	9.5	0.47	2731.41	287.52	4.75	0.47	1354.1	285.07
10	5.25	0.47	1514.75	288.52	2.625	1.02	691.73	263.51	10.5	0.47	3012.23	286.88	5.25	0.47	1493.35	284.45
11	5.75	0.47	1657.96	288.34	2.875	1.09	705.29	245.32	11.5	0.47	3311.69	287.97	5.75	0.48	1606.82	279.45
12	6.25	0.47	1799.83	287.97	3.125	1.18	711.43	227.66	12.5	0.47	3599.67	287.97	6.25	0.48	1765.05	282.41
13	6.75	0.47	1941.35	287.61	3.375	1.26	718.17	212.79	13.5	0.47	3882.7	287.61	6.75	0.48	1879.88	278.5
14	7.25	0.47	2083.83	287.43	3.625	1.35	721.94	199.16	14.5	0.47	4180.93	288.34	7.25	0.5	1962.43	270.68
15	7.75	0.47	2231.08	287.88	3.875	1.43	725.63	187.26	15.5	0.47	4453.69	287.33	7.75	0.52	2008.93	259.22
16	8.25	0.47	2369.75	287.24	4.125	1.52	728.55	176.62	16.5	0.47	4733.51	286.88	8.25	0.54	2038.79	247.13
17	8.75	0.47	2514.17	287.33	4.375	1.61	731.29	167.15	17.5	0.47	5025.16	287.15	8.75	0.57	2063.84	235.87
18	9.25	0.47	2667.99	288.43	4.625	1.69	733.69	158.63	18.5	0.47	5314	287.24	9.25	0.6	2084.62	225.36
20	10.25	0.47	2950.79	287.88	5.125	1.86	737.93	143.99	20.5	0.47	5884.75	287.06	10.25	0.65	2121.09	206.94
22	11.25	0.47	3229.44	287.06	5.625	2.04	741.89	131.89	22.5	0.47	6469.11	287.52	11.25	0.7	2147.97	190.93
24	12.25	0.47	3523.2	287.61	6.125	2.21	745.09	121.65	24.5	0.47	7044.15	287.52	12.25	0.76	2175.66	177.61
28	14.25	0.47	4101.01	287.79	7.125	2.55	749.93	105.25	28.5	0.47	8147.68	285.88	14.25	0.86	2220.5	155.82
32	16.25	0.47	4654.42	286.43	8.125	2.89	753.62	92.75	32.5	0.47	9279.49	285.52	16.25	0.97	2249.68	138.44
40	20.25	0.47	5733.05	283.11	10.125	3.58	758.65	74.93	40.5	0.48	11335.06	279.88	20.25	1.18	2299.26	113.54
48	24.25	0.47	6865.52	283.11	12.125	4.27	762.25	62.87	48.5	0.47	13739.63	283.29	24.25	1.4	2329.02	96.04
56	28.25	0.48	7948.3	281.36	14.125	4.96	764.67	54.14	56.5	0.48	15906.44	281.53	28.25	1.61	2349.97	83.18
64	32.25	0.48	8970.64	278.16	16.125	5.58	776.23	48.14	64.5	0.48	17902.8	277.56	32.25	1.75	2479.62	76.89
80	40.25	0.52	10350.57	257.16	20.125	6.81	792.94	39.4	80.5	0.52	20742.4	257.67	40.25	2.16	2506.02	62.26
96	48.25	0.63	10261.23	212.67	24.125	8.09	800.81	33.19	96.5	0.61	21307.73	220.81	48.25	2.71	2393.78	49.61
128	64.25	0.76	11355.5	176.74	32.125	10.66	809.17	25.19	128.5	0.79	21727.57	169.09	64.25	3.47	2483.07	38.65
192	96.25	1.08	11917.33	123.82	48.125	16.01	806.98	16.77	192.5	1.11	23352.72	121.31	96.25	5.27	2452.17	25.48
256	128.25	1.48	11631.79	90.7	64.125	21.24	810.58	12.64	256.5	1.49	23092.51	90.03	128.25	6.96	2471.86	19.27