mixbench-ocl/alternating (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: 64MB
Workgroup size: 256
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	20.16	0	426.17	0	47.36	0	362.74	0	20.16	0	426.19	0	20.07	0	427.92
1	0.129	23.54	45.62	353.53	0.065	49.14	21.85	338.66	0.258	23.51	91.34	353.95	0.129	23.57	45.55	353.02
2	0.267	23.1	92.97	348.65	0.133	47.27	45.43	340.71	0.533	23.09	185.97	348.7	0.267	23.19	92.6	347.26
3	0.414	21.68	148.58	359.07	0.207	46.51	69.25	334.72	0.828	21.63	297.84	359.89	0.414	21.82	147.66	356.84
4	0.571	21.15	203.06	355.35	0.286	44.81	95.85	335.48	1.143	21.09	407.24	356.34	0.571	21.31	201.56	352.72
5	0.741	19.66	273.06	368.62	0.37	43.59	123.16	332.54	1.481	19.64	546.62	368.97	0.741	19.91	269.66	364.04
6	0.923	19.1	337.34	365.46	0.462	41.88	153.83	333.29	1.846	19.07	675.65	365.98	0.923	19.38	332.49	360.2
7	1.12	17.68	425.2	379.64	0.56	40.42	185.93	332.03	2.24	17.63	852.54	380.6	1.12	18.18	413.44	369.14
8	1.333	17.09	502.66	376.99	0.667	37.17	231.1	346.65	2.667	17.12	1003.79	376.42	1.333	17.68	485.85	364.39
9	1.565	15.7	615.67	393.34	0.783	36.67	263.56	336.77	3.13	15.71	1230.48	393.07	1.565	16.45	587.28	375.21
10	1.818	15.1	711.28	391.21	0.909	34.86	308.04	338.85	3.636	15.12	1420.49	390.64	1.818	15.95	673.08	370.2
11	2.095	13.81	855.41	408.26	1.048	33.67	350.79	334.84	4.19	13.83	1708.21	407.64	2.095	14.79	798.64	381.17
12	2.4	13.28	970.07	404.2	1.2	32.28	399.16	332.63	4.8	13.26	1942.74	404.74	2.4	14.23	905.22	377.17
13	2.737	12.02	1161.39	424.35	1.368	30.55	456.87	333.87	5.474	12.04	2318.55	423.58	2.737	13.06	1068.41	390.38
14	3.111	11.5	1307.64	420.31	1.556	29.19	515.05	331.11	6.222	11.45	2625.57	421.97	3.111	11.32	1327.99	426.85
15	3.529	10.23	1573.65	445.87	1.765	24.59	654.9	371.11	7.059	10.32	3122.13	442.3	3.529	9.3	1730.95	490.44
16	4	13.06	1315.85	328.96	2	27.28	629.79	314.89	8	13.04	2635.11	329.39	4	13.23	1298.12	324.53
17	4.533	11.84	1541.83	340.11	2.267	26.97	676.9	298.63	9.067	11.87	3075.93	339.26	4.533	10.61	1720.94	379.62
18	5.143	11.33	1706.24	331.77	2.571	28.34	681.87	265.17	10.286	11.33	3411.98	331.72	5.143	10.32	1872.6	364.12
19	5.846	9.89	2062.74	352.84	2.923	29.07	701.79	240.08	11.692	9.88	4129.93	353.22	5.846	10.74	1900.26	325.05
20	6.667	9.55	2248.75	337.31	3.333	30.05	714.61	214.38	13.333	9.49	4524.66	339.35	6.667	11.07	1939.37	290.91
21	7.636	8.25	2733.66	357.98	3.818	30.93	728.97	190.92	15.273	8.25	5469.58	358.13	7.636	11.48	1963.69	257.15
22	8.8	8.17	2890.46	328.46	4.4	32.04	737.36	167.58	17.6	8.16	5790.17	328.99	8.8	11.81	2000.1	227.28
23	10.222	6.98	3536.29	345.94	5.111	33.44	738.62	144.51	20.444	7	7053.73	345.02	10.222	12.39	1992.94	194.96
24	12	6.56	3929.72	327.48	6	34.44	748.32	124.72	24	6.56	7859.97	327.5	12	12.83	2008.46	167.37
25	14.286	5.33	5036.63	352.56	7.143	35.65	752.92	105.41	28.571	5.34	10047.28	351.65	14.286	12.94	2075.07	145.25
26	17.333	4.92	5677.8	327.57	8.667	36.86	757.44	87.4	34.667	4.93	11335.78	326.99	17.333	13.18	2118.24	122.21
27	21.6	3.48	8340.64	386.14	10.8	37.82	766.51	70.97	43.2	3.4	17028.94	394.19	21.6	13.36	2169.66	100.45
28	28	3.28	9161.06	327.18	14	38.83	774.25	55.3	56	3.32	18089.39	323.02	28	13.54	2219.82	79.28
29	38.667	3.26	9539.49	246.71	19.333	39.77	783	40.5	77.333	3.21	19379.79	250.6	38.667	13.76	2263.69	58.54
30	60	3.19	10102.27	168.37	30	40.81	789.41	26.31	120	3.17	20303.6	169.2	60	14.1	2284.21	38.07
31	124	2.95	11300.06	91.13	62	41.02	811.38	13.09	248	2.92	22834.39	92.07	124	14.38	2314.13	18.66
32	inf	2.82	12180.38	0	inf	42.1	816.14	0	inf	2.78	24707.22	0	inf	14.67	2341.79	0