

[PC: iMac (Retina 5K, 27-inch, 2017) / OS: macOS High Sierra]

- CPU (naïve): Host time (ms)
- OCL: Device time from START to END (ms)
- $n = 128 * 1024 * 1024$

[GPU]

- CL_DEVICE_NAME: **AMD Radeon Pro 580** Compute Engine
- CL_DEVICE_TYPE: **CL_DEVICE_TYPE_GPU**
- CL_DEVICE_VENDOR: AMD
- CL_DEVICE_VERSION: OpenCL 1.2
- CL_DEVICE_PROFILE: FULL_PROFILE

[CPU]

- CL_DEVICE_NAME: **Intel(R) Core(TM) i7-7700K CPU @ 4.20GHz**
- CL_DEVICE_TYPE: **CL_DEVICE_TYPE_CPU**
- CL_DEVICE_VENDOR: Intel
- CL_DEVICE_VERSION: OpenCL 1.2
- CL_DEVICE_PROFILE: FULL_PROFILE
- CL_DRIVER_VERSION: 1.1

		COALESCED_GLOBAL_MEMORY_ACCESS							No COALESCED_GLOBAL_MEMORY_ACCESS						
WG size		4	8	16	32	64	128	256	4	8	16	32	64	128	256
CPU (naïve)		1813.651													
ocl	GPU	139.48	70.72	36.89	17.95	11.10	10.99	12.17	142.68	88.15	89.67	114.56	121.96	249.47	553.88
	CPU	1499.87	1247.23	1159.49	1083.25	1023.59	890.90	???	1651.29	1544.32	1589.72	1669.40	1776.68	1857.28	???

[PC: MacBook Pro (15-inch, 2017) / OS: Windows 10]

- CPU (naïve): Host time (ms)
- OCL: Device time from START to END (ms)
- $n = 128 * 1024 * 1024$

[GPU]

- CL_DEVICE_NAME: **Baffin (Polaris 11)**
- CL_DEVICE_TYPE: CL_DEVICE_TYPE_GPU
- CL_DEVICE_VENDOR: Advanced Micro Devices, Inc.
- CL_DEVICE_VERSION: OpenCL 2.0 AMD-APP (2348.3)
- CL_DEVICE_PROFILE: FULL_PROFILE

[CPU]

- CL_DEVICE_NAME: **Intel(R) Core(TM) i7-6920HQ CPU @ 2.90GHz**
- CL_DEVICE_TYPE: CL_DEVICE_TYPE_CPU
- CL_DEVICE_VENDOR: GenuineIntel
- CL_DEVICE_VERSION: OpenCL 1.2 AMD-APP (2348.3)
- CL_DEVICE_PROFILE: FULL_PROFILE

		COALESCED_GLOBAL_MEMORY_ACCESS							No COALESCED_GLOBAL_MEMORY_ACCESS						
WG size		4	8	16	32	64	128	256	4	8	16	32	64	128	256
CPU (naïve)		2586.56													
ocl	GPU	577.20	288.48	144.32	72.23	36.19	36.14	36.19	705.86	342.00	230.46	263.45	282.63	439.47	807.62
	CPU	2645.02	2058.01	1634.41	1393.01	1331.10	1292.01	???	3105.32	2540.85	2567.61	2683.44	3265.65	3685.73	???