

Shutdow n time 0.00057 4s										
The Job took 4.210 sec for docking										
Setup time: 0.620 sec										
Reultin g time: 0.062 sec										
Total Docking time: 4.210 sec										
Total Run time: 4.915 sec										
Mean Docking time: 4.210 secTrace location: /home/mthavappiragasam/lttng- traces/iprof-20231201-161744										
BACKEND_HIP, BACKEND_ZE 1 Hostnames 1 Processes 2 Threads										
Name Time Time(%) Calls Average Min Max										

hipMemcpyToSymbol 4.11s 42.87% 1 4.11s 4.11s 4.11s				
zeModuleCreate 4.11s 42.82% 1 4.11s 4.11s 4.11s				
__hipUnregisterFatBinary 556.25ms 5.80% 1 556.25ms 556.25ms 556.25ms				
__hipRegisterFatBinary 419.41ms 4.37% 1 419.41ms 419.41ms 419.41ms				
hipMalloc 61.49ms 0.64% 18 3.42ms 270.70us 37.43ms				
zeCommandQueueCreate 53.27ms 0.56% 1 53.27ms 53.27ms 53.27ms				
zeCommandQueueExecuteCommandLists 48.95ms 0.51% 214 228.72us 1.55us 3.20ms				
hipLaunchKernel 32.97ms 0.34% 62 531.81us 44.53us 1.24ms				
zeCommandQueueSynchronize 31.01ms 0.32% 127 244.14us 158ns 12.32ms				
hipDeviceSynchronize 28.79ms 0.30% 62 464.28us 17.80us 12.32ms				

zeMemAllocShared 24.34ms 0.25% 4 6.09ms 46.79us 24.15ms				
hipFree 22.90ms 0.24% 20 1.14ms 21.15us 19.55ms				
zeMemFree 22.82ms 0.24% 19 1.20ms 92.88us 19.53ms				
zeMemAllocDevice 19.74ms 0.21% 18 1.10ms 8.07us 19.52ms				
zeCommandListAppendMemoryCopy 19.20ms 0.20% 42 457.23us 38.20us 14.96ms				
hipMemcpy 9.84ms 0.10% 22 447.37us 142.11us 1.48ms				
zeCommandListCreate 8.75ms 0.09% 214 40.89us 2.35us 113.62us				
zeCommandListDestroy 3.99ms 0.04% 214 18.63us 889ns 145.07us				
zeCommandListAppendLaunchKernel 2.89ms 0.03% 65 44.45us 5.28us 112.40us				
zeCommandListAppendBarrier 2.52ms 0.03% 321 7.85us 4.77us 38.73us				

hipGetDeviceCount					
1.85ms	0.02%	1			
1.85ms	1.85ms	1.85ms			
zeEventCreate					
520.21us	0.01%	1000			
520.21ns	226ns	10.37us			
zeEventHostReset					
327.97us	0.00%	428			
766.29ns	286ns	6.24us			
zeEventDestroy					
257.77us	0.00%	1000			
257.77ns	127ns	4.99us			
zeEventQueryStatus					
205.04us	0.00%	428			
479.06ns	263ns	15.22us			
zeEventPoolDestroy					
200.95us	0.00%	1			
200.95us	200.95us	200.95us			
zeEventPoolCreate					
191.20us	0.00%	1			
191.20us	191.20us	191.20us			
hipMallocManaged					
75.93us	0.00%	1			
75.93us	75.93us	75.93us			
zeCommandListClose					
59.88us	0.00%	214			
279.83ns	128ns	1.69us			
__hipPushCallConfiguration					
24.82us	0.00%	62			
400.26ns	159ns	7.24us			

zeDeviceGet 20.32us 0.00% 2 10.16us 2.73us 17.59us					
__hipPopCallConfiguration 18.12us 0.00% 62 292.32ns 133ns 3.34us					
zeKernelSetGroupSize 15.45us 0.00% 65 237.62ns 107ns 1.63us					
zeKernelCreate 12.09us 0.00% 7 1.73us 542ns 6.25us					
hipGetLastError 10.77us 0.00% 62 173.71ns 87ns 2.31us					
__hipRegisterFunction 9.39us 0.00% 4 2.35us 377ns 7.94us					
zeContextCreateEx 7.45us 0.00% 1 7.45us 7.45us 7.45us					
hipGetDeviceProperties 3.67us 0.00% 1 3.67us 3.67us 3.67us					
__hipRegisterVar 3.49us 0.00% 2 1.75us 430ns 3.06us					
zeDriverGet 2.82us 0.00% 2 1.41us 297ns 2.52us					

5.33ms 24.00us	gpu_perform_LS_kernel 8.63% 4.81ms	20	266.36us				
960.48us 30.02us	zeMemoryCopy(MD) 1.56% 5.28us	32	721.44us				
644.96us 644.96us	__chip_var_init_cData 1.04% 644.96us	1	644.96us				
182.88us 8.71us	gpu_sum_evals_kernel 0.30% 5.60us	21	26.08us				
58.56us 8.37us	zeMemoryCopy(DM) 0.09% 6.08us	7	14.08us				
16.00us 8.00us	zeMemoryCopy(MS) 0.03% 7.04us	2	8.96us				
5.60us 5.60us	__chip_var_info_cData 0.01% 5.60us	1	5.60us				
5.60us 5.60us	zeMemoryCopy(SM) 0.01% 5.60us	1	5.60us				
5.28us 5.28us	__chip_var_bind_cData 0.01% 5.28us	1	5.28us				
Total 428	61.73ms 100.00%						
Explicit memory traffic (BACKEND_ZE) 1 Hostnames 1 Processes 1 Threads							

Name	Byte	Byte(%)	Calls	Average	Min	Max					
zeMemoryCopy(MD)	30.77MB	98.65%	32	961.41kB	1B	29.05MB					
zeMemoryCopy(DM)	420.00kB	1.35%	7	60.00kB	6.00kB	384.00kB					
zeMemoryCopy(MS)	320B	0.00%	2	160.00B	40B	280B					
zeMemoryCopy(SM)	24B	0.00%	1	24.00B	24B	24B					