Intel® oneAPI VTune™ Profiler 2021.1.1 Gold

Recommendations:
  Increase execution time:

  > Application execution time is too short. Metrics data may be unreliable. Consider reducing the sampling interval or increasing your application execution time.

Elapsed Time: 0.189s

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CPU Time:	0.163s
Memory Bound:	12.0% of Pipeline Slots
L1 Bound:	4.8% of Clockticks
L2 Bound:	0.3% of Clockticks
L3 Bound:	1.0% of Clockticks
DRAM Bound:	7.0% of Clockticks
DRAM Bandwidth Bound:	0.0% of Elapsed Time
Store Bound:	3.4% of Clockticks
Loads:	204,000,000
Stores:	96,480,000
LLC Miss Count:	120,000
Average Latency (cycles):	11
Total Thread Count:	1
Paused Time:	0s

Bandwidth Utilization:

Bandwidth Domain	Platform Maximum	Observed Maximum	Average	% of Elapsed Time with High BW Utilization(%)
DRAM, GB/sec	10	3.400	1.428	0.0%

Collection and Platform Info:
  Application Command Line: ./codecs/hm/decoder/TAppDecoderStatic "-b" "./bin/hm/encoder_intra_main.cfg/CLASS_A/Kimono_1920x1080_24_QP_32_hm.bin"

  User Name: root

  Operating System: 5.4.0-65-generic DISTRIB_ID=Ubuntu DISTRIB_RELEASE=18.04 DISTRIB_CODENAME=bionic DISTRIB_DESCRIPTION="Ubuntu 18.04.5 LTS"

Computer Name: eimon

Result Size: 15.2 MB

Collection start time: 09:31:16 10/02/2021 UTC

Collection stop time: 09:31:16 10/02/2021 UTC

Collector Type: Event-based sampling driver

CPU:
  Name: Intel(R) Processor code named Kabylake ULX

  Frequency: 1.992 GHz

  Logical CPU Count: 8

  Max DRAM Single-Package Bandwidth: 10.000 GB/s

  Cache Allocation Technology:
    Level 2 capability: not detected

    Level 3 capability: not detected