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: 0.584s

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CPU Time:	0.567s
Memory Bound:	5.0% of Pipeline Slots
L1 Bound:	7.6% of Clockticks
L2 Bound:	0.0% of Clockticks
L3 Bound:	1.3% of Clockticks
DRAM Bound:	0.0% of Clockticks
DRAM Bandwidth Bound:	0.0% of Elapsed Time
Store Bound:	0.0% of Clockticks
Loads:	907,227,216
Stores:	444,013,320
LLC Miss Count:	0
Average Latency (cycles):	9
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	4.500	0.445	0.0%

Collection and Platform Info:
  Application Command Line: ./codecs/hhi-vvc-codec/encoder/vvencFFapp "-c" "./configs/hhi-vvc-codec/randomaccess_faster.cfg" "-i" "./sequences/CLASS_B/BasketballPass_416x240_50.yuv" "-wdt" "416" "-hgt" "240" "-b" "./bin/hhi-vvc-codec/randomaccess_faster.cfg/CLASS_B/BasketballPass_416x240_50_QP_32_hhi-vvc-codec.bin" "-o" "./rec_yuv/hhi-vvc-codec/randomaccess_faster.cfg/CLASS_B/BasketballPass_416x240_50_QP_32_hhi-vvc-codec.yuv" "-fr" "50" "-fs" "0" "-f" "2" "-q" "32"

User Name: root

Operating System: 5.4.0-62-generic DISTRIB_ID=Ubuntu DISTRIB_RELEASE=18.04 DISTRIB_CODENAME=bionic DISTRIB_DESCRIPTION="Ubuntu 18.04.5 LTS"

Computer Name: eimon

Result Size: 13.2 MB

Collection start time: 05:05:50 02/02/2021 UTC

Collection stop time: 05:05:51 02/02/2021 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