Intel® oneAPI VTune™ Profiler 2021.1.1 Gold

Elapsed Time: 0.608s
  CPU Time: 0.589s
  Memory Bound: 4.2% of Pipeline Slots
    L1 Bound: 10.8% of Clockticks
    L2 Bound: 0.0% of Clockticks
    L3 Bound: 1.2% of Clockticks
    DRAM Bound: 2.4% of Clockticks
      DRAM Bandwidth Bound: 0.0% of Elapsed Time
    Store Bound: 0.0% of Clockticks
  Loads: 1,042,831,284
  Stores: 492,014,760
  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	4.800	0.510	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_C/RaceHorses_416x240_30.yuv" "-wdt" "416" "-hgt" "240" "-b" "./bin/hhi-vvc-codec/randomaccess_faster.cfg/CLASS_C/ RaceHorses_416x240_30_QP_37_hhi-vvc-codec.bin" "-o" "./rec_yuv/hhi-vvc-codec/randomaccess_faster.cfg/CLASS_C/ RaceHorses_416x240_30_QP_37_hhi-vvc-codec.yuv" "-fr" "30" "-fs" "0" "-f" "2" "-q" "37"

  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: 13.6 MB

  Collection start time: 04:53:36 02/02/2021 UTC

  Collection stop time: 04:53:37 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