

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: 0.159s

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CPU Time: 0.137s
Memory Bound: 12.6% of Pipeline Slots
L1 Bound: 5.4% of Clockticks
L2 Bound: 0.3% of Clockticks
L3 Bound: 1.2% of Clockticks
DRAM Bound: 5.0% of Clockticks
DRAM Bandwidth Bound: 0.0% of Elapsed Time
Store Bound: 3.6% of Clockticks
Loads: 165,960,000
Stores: 75,120,000
LLC Miss Count: 120,000
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	3.400	1.823	0.0%

Collection and Platform Info:

Application Command Line: ./codecs/hm/decoder/TAppDecoderStatic "-b" "./bin/hm/encoder_randomaccess_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: 14.7 MB

Collection start time: 09:58:22 10/02/2021 UTC

Collection stop time: 09:58:22 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