

**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:** 0.053s

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

**CPU Time:** 0.039s  
**Memory Bound:** 13.5% of Pipeline Slots  
**L1 Bound:** 16.9% of Clockticks  
**L2 Bound:** 0.0% of Clockticks  
**L3 Bound:** 0.0% of Clockticks  
**DRAM Bound:** 5.6% of Clockticks  
**DRAM Bandwidth Bound:** 0.0% of Elapsed Time  
**Store Bound:** 0.0% of Clockticks  
**Loads:** 16,440,000  
**Stores:** 8,400,000  
**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	0.700	0.375	0.0%

**Collection and Platform Info:**

**Application Command Line:** ./codecs/hm/decoder/TAppDecoderStatic "-b" "./bin/hm/encoder\_randomaccess\_main.cfg/CLASS\_C/RaceHorses\_416x240\_30\_QP\_37\_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:** 9.8 MB

**Collection start time:** 09:54:49 10/02/2021 UTC

**Collection stop time:** 09:54:49 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