

**Elapsed Time:** 299.254s  
**CPU Time:** 293.762s  
**Memory Bound:** 2.8% of Pipeline Slots  
**L1 Bound:** 6.7% of Clockticks  
**L2 Bound:** 0.8% of Clockticks  
**L3 Bound:** 1.1% of Clockticks  
**DRAM Bound:** 0.2% of Clockticks  
**DRAM Bandwidth Bound:** 0.0% of Elapsed Time  
**Store Bound:** 0.9% of Clockticks  
**Loads:** 412,137,963,768  
**Stores:** 190,788,923,496  
**LLC Miss Count:** 6,000,420  
**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               | 7.500            | 0.030   | 0.0%  |

#### Collection and Platform Info:

**Application Command Line:** ./codecs/hhi-vvc-codec/encoder/vvencFFapp "-c" "./configs/hhi-vvc-codec/randomaccess\_slow.cfg" "-i" "./sequences/CLASS\_A/Kimono\_1920x1080\_24.yuv" "-wdt" "1920" "-hgt" "1080" "-b" "./bin/hhi-vvc-codec/randomaccess\_slow.cfg/CLASS\_A/Kimono\_1920x1080\_24\_QP\_22\_hhi-vvc-codec.bin" "-o" "./rec\_yuv/hhi-vvc-codec/randomaccess\_slow.cfg/CLASS\_A/Kimono\_1920x1080\_24\_QP\_22\_hhi-vvc-codec.yuv" "-fr" "24" "-fs" "0" "-f" "2" "-q" "22"

**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:** 772.5 MB

**Collection start time:** 23:11:42 01/02/2021 UTC

**Collection stop time:** 23:16:41 01/02/2021 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