# n2disk

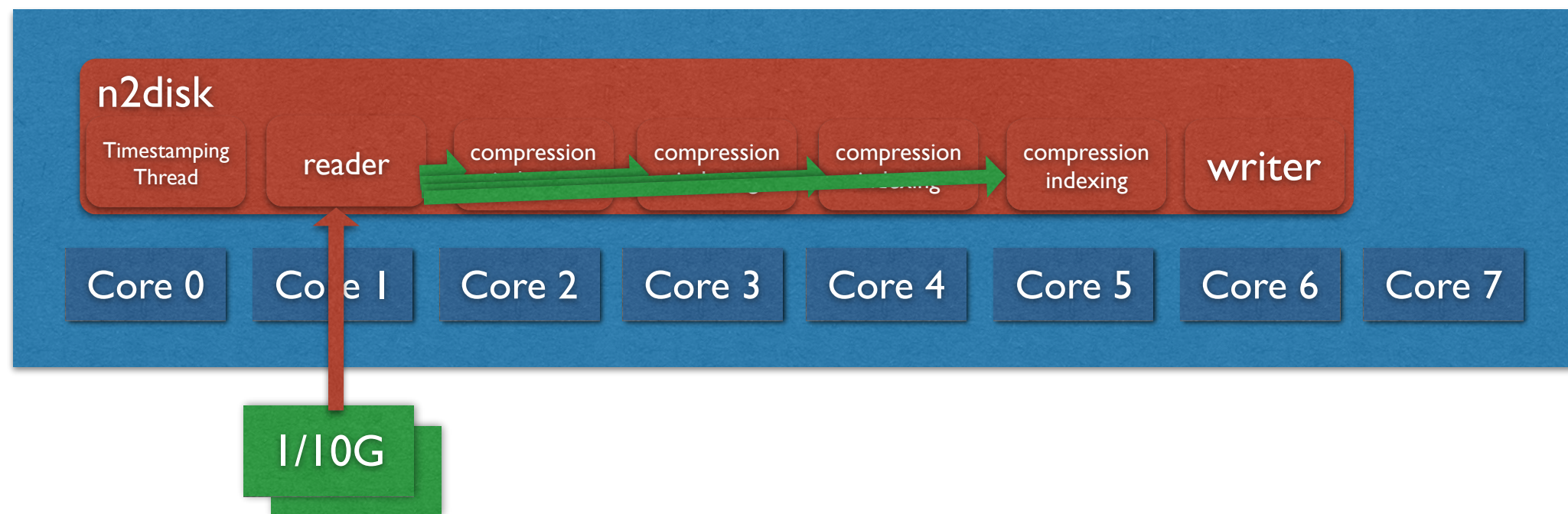## 10/40 Gbit network traffic recording and on-the-fly indexing

Features

- Standard PCAP file format (regular and nsec)

- 40 Gbit 64-byte line-rate continuous packet-to-disk with FPGA-accelerated NICs

- On-the-fly indexing for fast traffic retrieval in a selected time interval

- BPF and nBPF (a faster replacement for BPF) filters support

- PCAP and index compression

Design
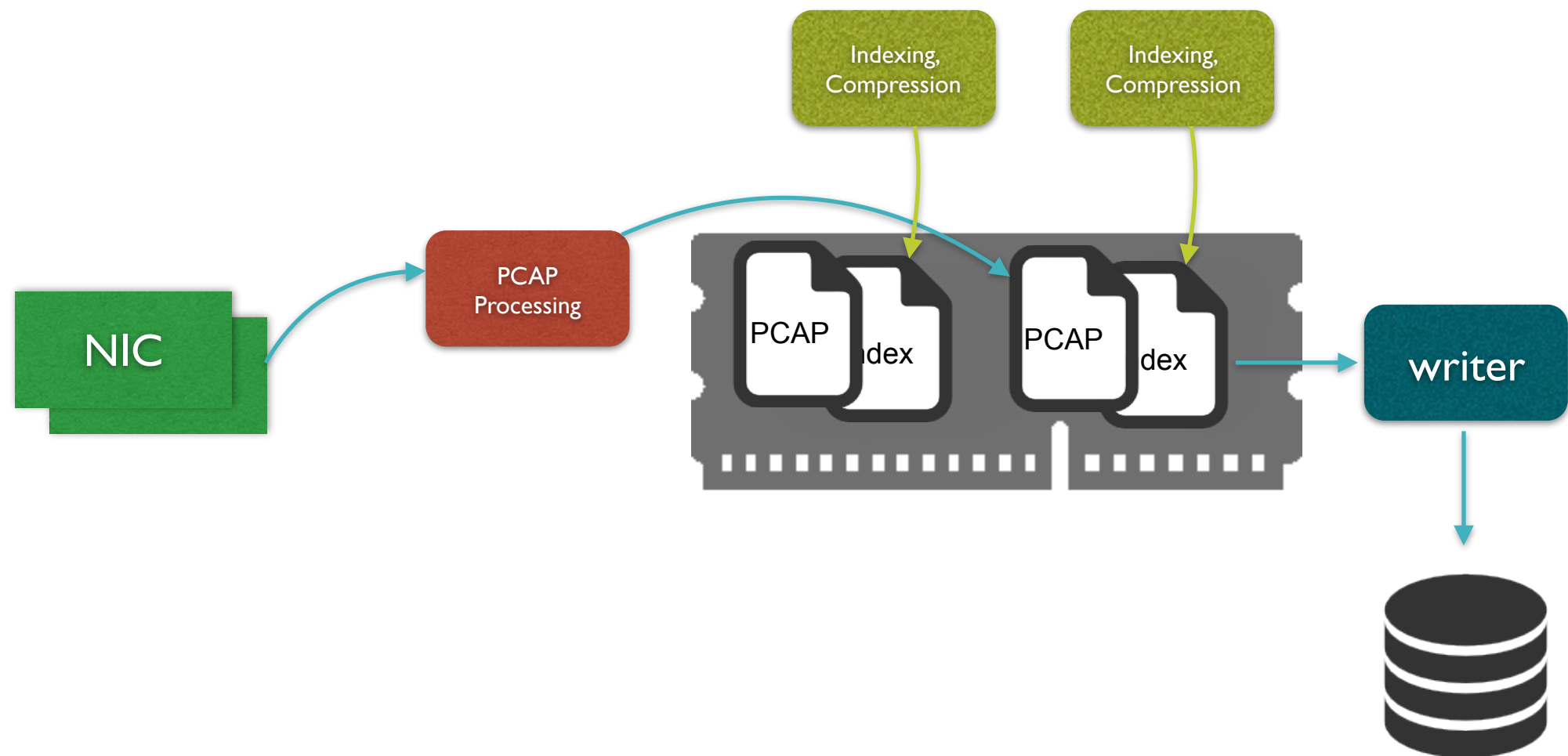
Multicore Architecture

Index/Timeline