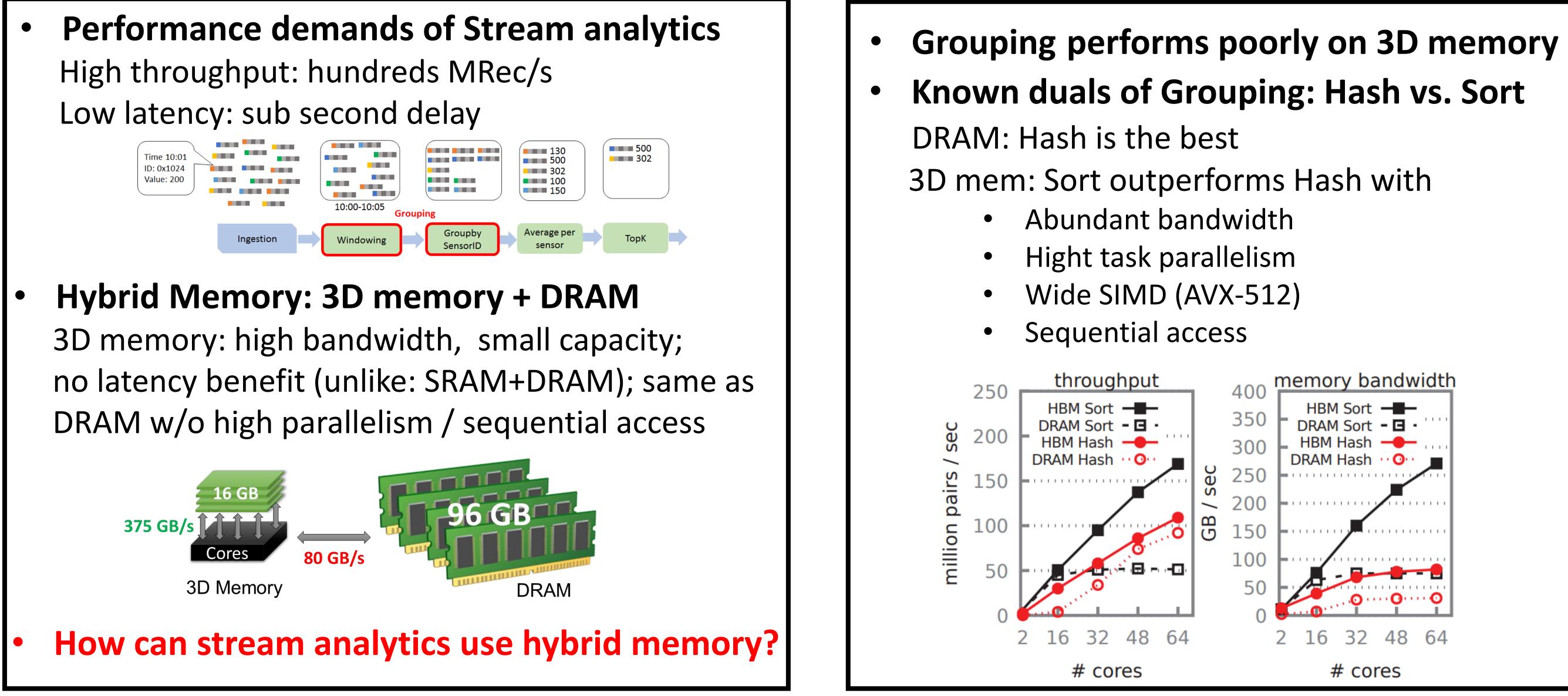
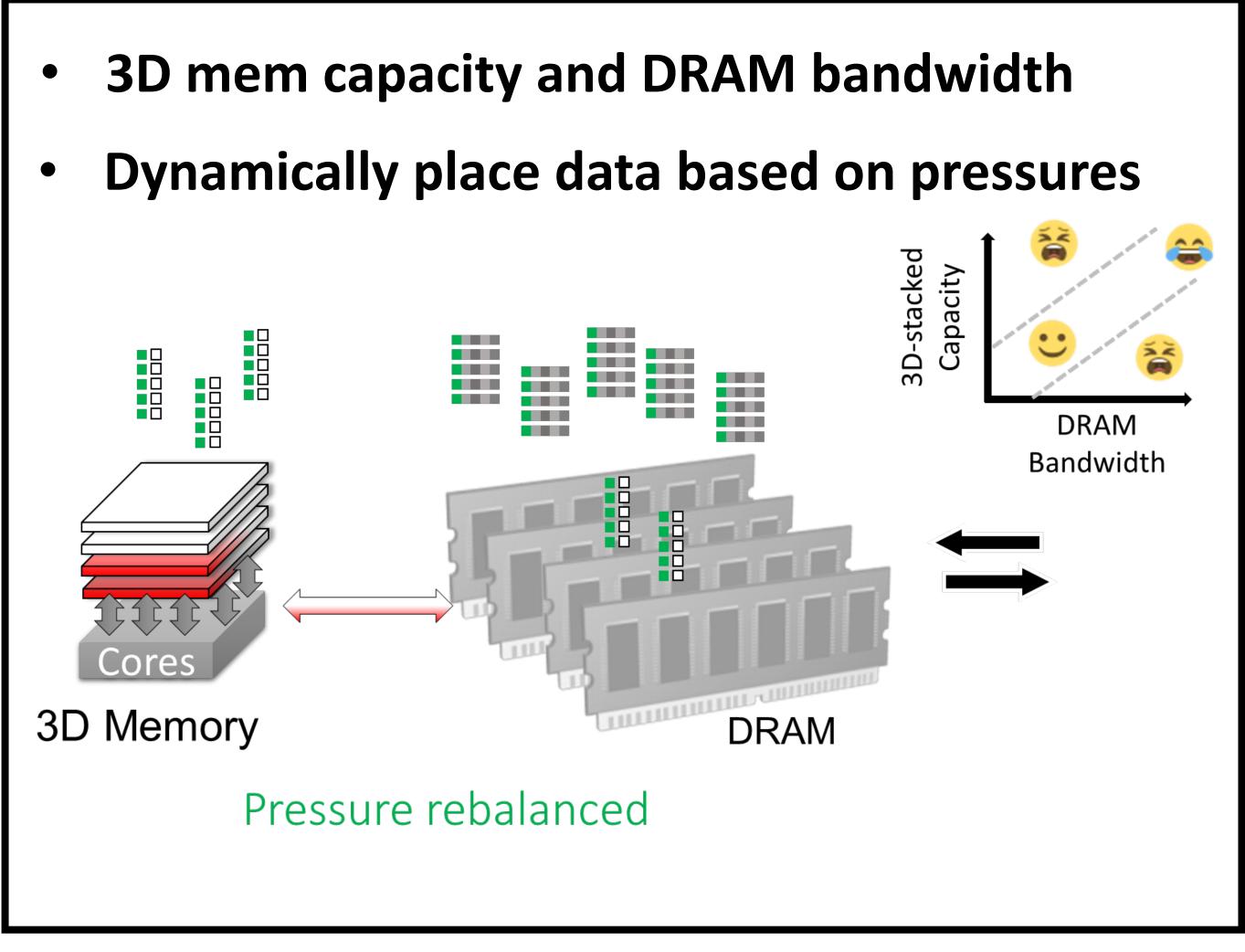
StreamBox-HBM: Stream Analytics on High Bandwidth Hybrid Memory

The first stream analytics engine optimized for 3D Memory + DRAM on real hardware

1. Motivation



4. Balance two limited resources

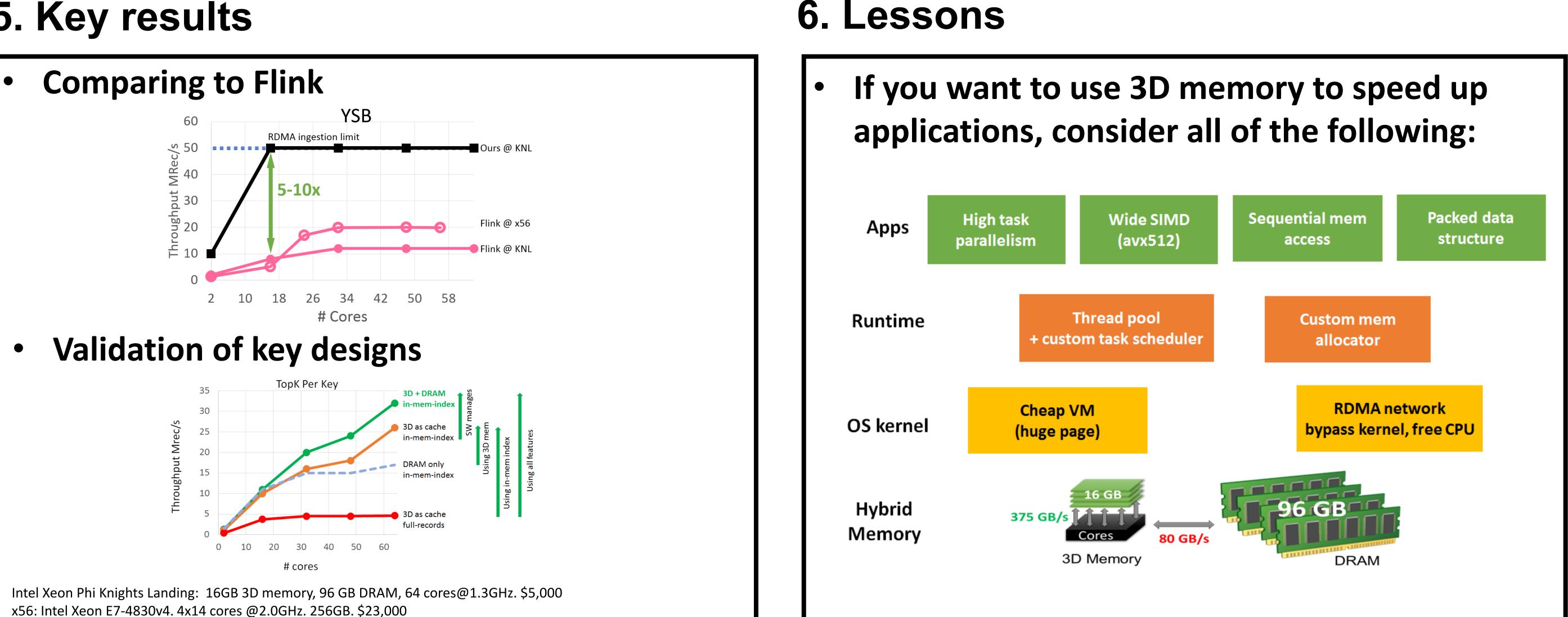








5. Key results



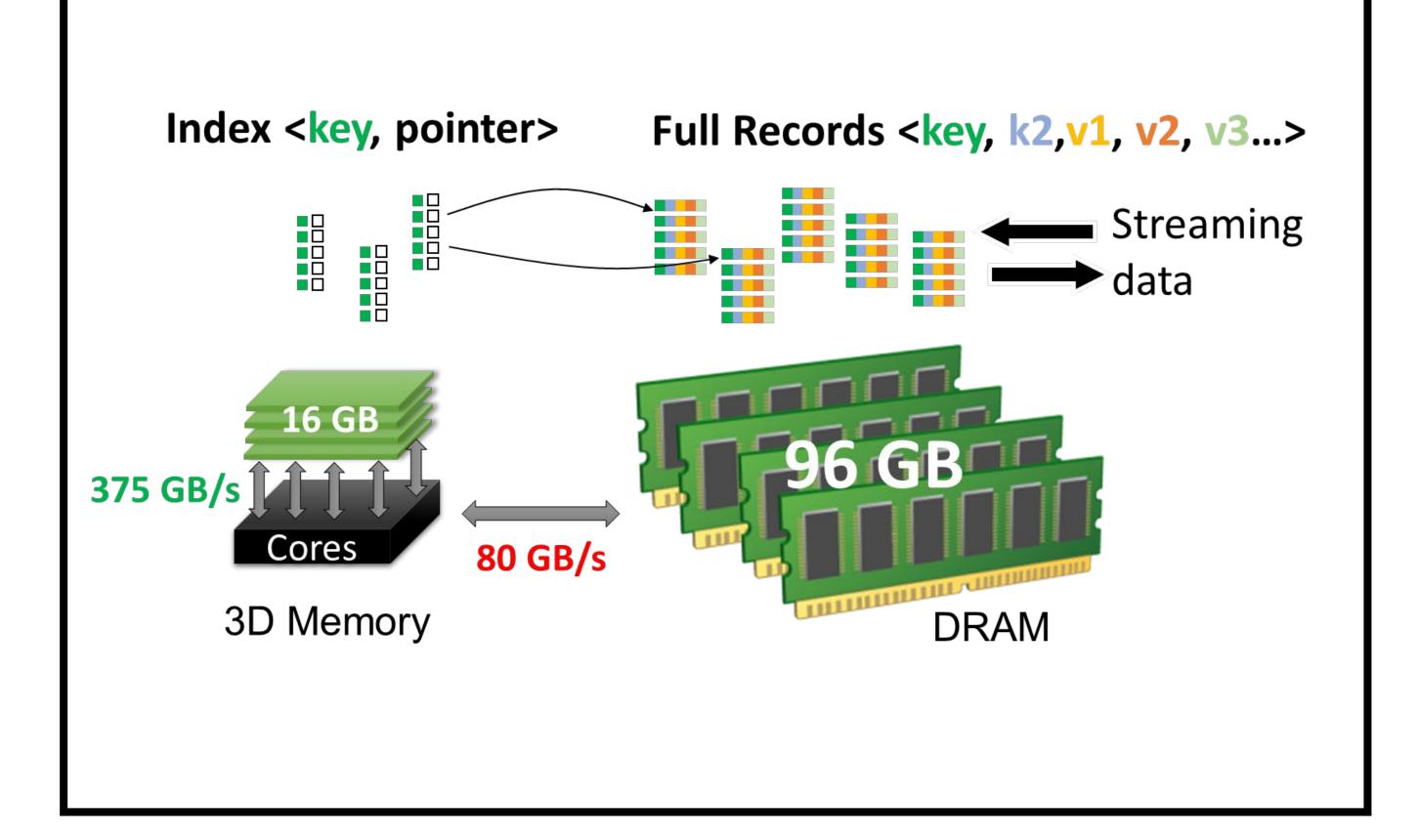




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3. Only use 3D mem for in-mem index

- **3D** mem is capacity limited
- exploiting the high bandwidth



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Minimize the use of precious capacity while

