CPRAM Concept Claim

Alias: CreatedNull

Short Name: CPRAM

Full Form: Compute-Parallel Random Access Memory

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Definition:

CPRAM is a conceptual type of RAM that integrates processing cores (such as GPU or CPU cores) directly into or alongside memory cells. It enables localized computation within the memory hardware itself, reducing latency and improving efficiency for AI tasks, high-throughput applications, and simulation workloads.

Purpose of Term:

The term CPRAM was coined to describe a new hardware class that merges computation and memory access into a unified architecture, allowing for extreme parallelism and better memory bandwidth utilization.

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