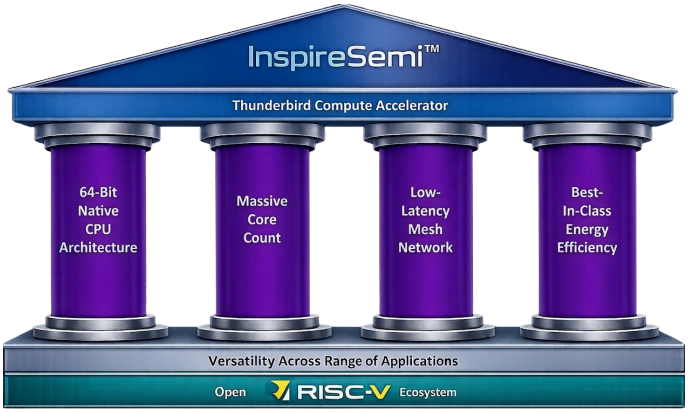
InspireSemi™ Thunderbird™

Disruptive Next Generation AI-HPC Accelerated Computing Platform

"Supercomputer cluster-on-a-chip"



Massive CPU core count: 6,144 /board
High performance: 24 TFLOPS (FP64)
Low power: 75 GFLOPS/watt (FP64)
Low latency: 10x faster
Determistic + Predictable Performance
Value: exceptional performance/$

Revolutionizing AI-HPC Datacenters

One Thunderbird 6K board has more CPU cores than an ***entire rack of standard Intel, AMD, or ARM servers***!

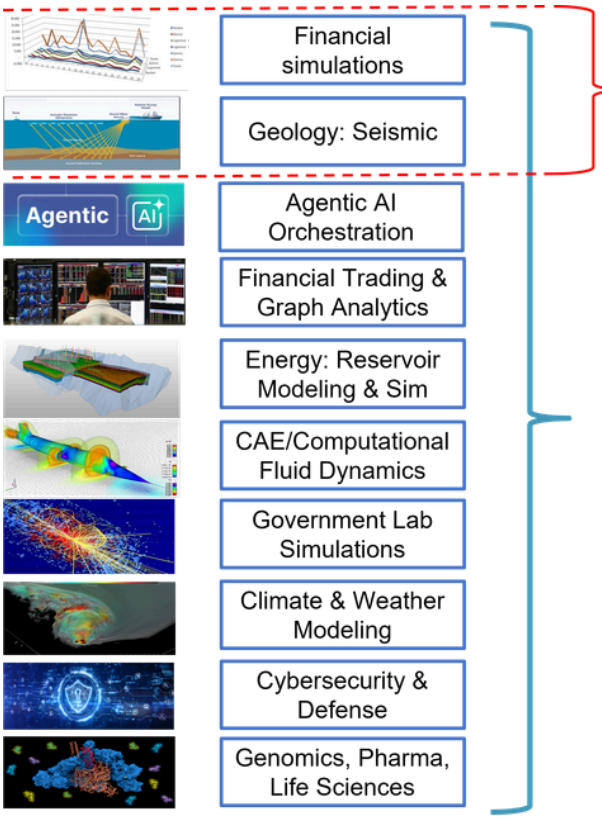
- Less cost: datacenter footprint, servers, power, cooling, networking, cables
- Less complexity, interconnects, points of failure
- No need to build new datacenters

VS.

Ideal for large scale deployment and orchestration of Agentic AI workloads

Addresses the need to accelerate *all* AI-HPC software

What customers always wanted…not "yet another GPU"



Datacenter GPUs primarily focused on AI

InspireSemi Thunderbird

Versatile 4 chip platform delivers unprecedented capability

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Linux

RISC-V