

# Advancing AI, Virtualization and Platform Security



**Joachim Aertebjerg**

Head of Software Partnerships EMEA, Intel

Lead sponsor



# Open-source software: Intel is committed

Intel® has a long history with Linux®, actively participating in open-source development and collaboration with the Linux community, to ensure hardware is well-supported and delivers optimal performance on Linux-based systems.

Intel contributes to more than 100 different open-source projects, from the Linux kernel to cloud orchestration and plugins for Kubernetes.



# Recent Intel Announcements

August 18<sup>th</sup>

Softbank Group and Intel Corporation Sign \$2B Investment Agreement

August 22<sup>nd</sup>

\$8.9 billion investment as Intel builds upon its expansion of resilient semiconductor supply chain

September 18<sup>th</sup>

Intel to design and manufacture custom data center and client CPUs with NVIDIA NVLink; NVIDIA invest \$5 billion in Intel stock

 SoftBank Group



 **NVIDIA**

# Agentic AI is the Means to Unlocking Enterprise Value in AI

~80% of AI compute cycles in inference by 2028\*  
Diverse workload requirements  
Throughput, low latency, perf/\$/W and system-level tuning required

Physical AI  
Real-time inferencing for physical world interaction

Agentic AI  
Billions of daily inferences across thousands of models

Frontier AI  
Model training - massive, infrequent, hyperscaler-scale workloads

2015 2020 2025 2030 2035

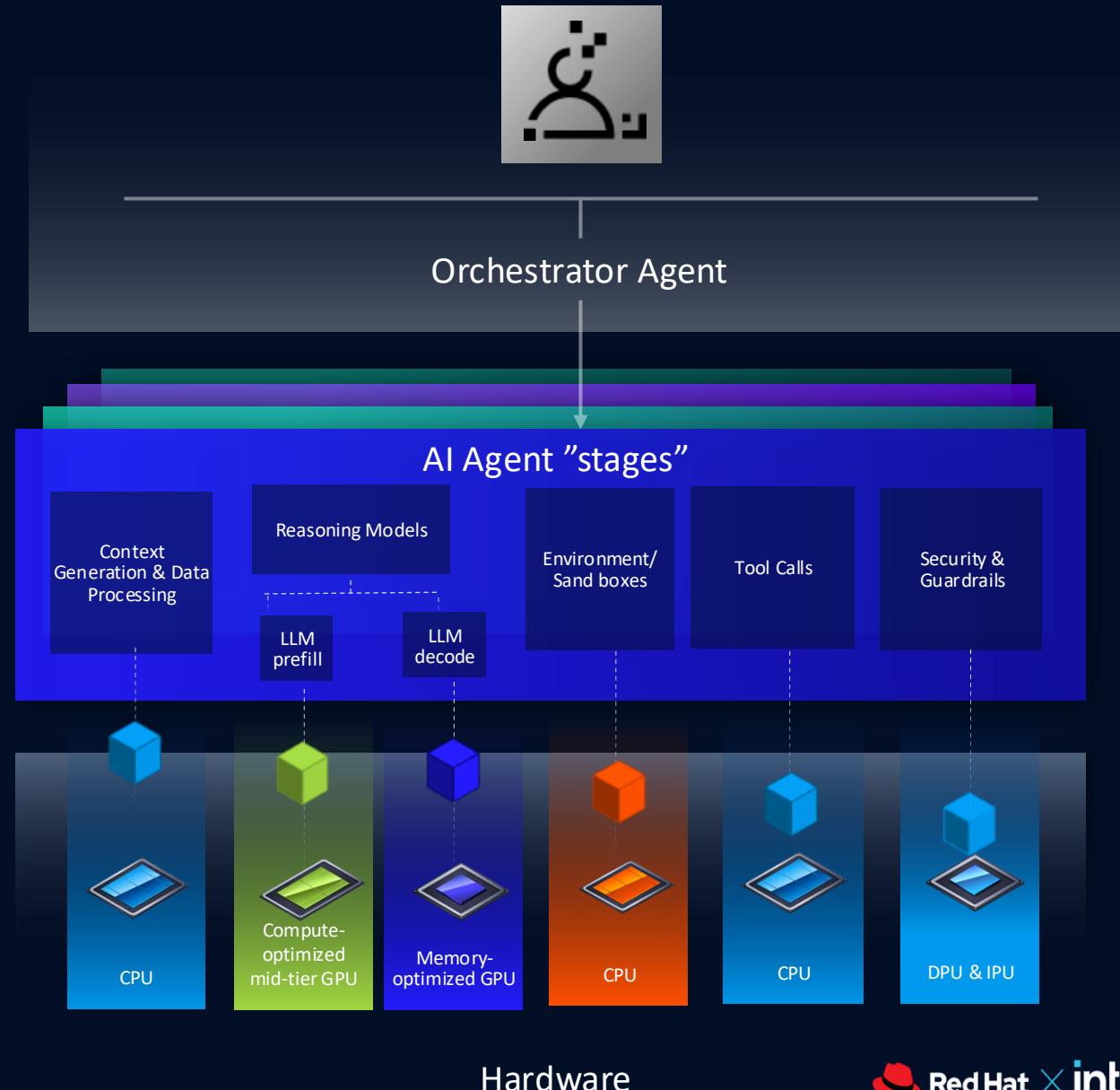
# Agentic AI Future

Complex multi-agent workflow

Diverse models & APIs

Different building blocks with diverse hardware req.

Need for hardware diversity and openness





intel  
xeon



# Intel® Xeon® 6 Processor

1.9x

higher performance per watt at a typical 40% server utilization vs. prior generation

Designed for Efficiency

2.5x

higher HPC performance vs. prior generation

Significant Performance Leaps

5.5x

higher AI Inferencing performance vs. AMD EPYC

Unmatched Performance

# Apply for a **free** Gen AI or Virtualization Proof of Concept in **30 seconds**

## Choose your GenAI or Virtualization PoC:

- ▶ Building Inference, RAG, AgenticAI, Model-as-a-Service, and other AI Use Cases with Intel Gaudi and Xeon\*
- ▶ Optimize finetuning with intel Gaudi

## Agentic AI in Action: Red Hat & Intel Shaping the Future of Enterprise AI

14:30 to 15:00, room: Hall

- ▶ Codrin Bucur, Principal AI Specialist Solution Architect, EMEA Red Hat
- ▶ Can Yurtseven, EMEA AAI Sr Solution Architect, Intel



*\*If selected, a Intel / Red Hat representative will contact you via email.*

The Intel logo is displayed in white on a dark blue background. The word "intel" is written in a lowercase, sans-serif font. The "i" is unique, featuring a small blue square positioned above the top horizontal stroke of the letter. The "t" has a vertical stroke on its left side. The "e" and "l" are standard lowercase letters.

Red Hat  
**Summit**

Connect

Unlock  
what's next

