MULTIVERSE COMPUTING × intel

Ultra- Efficient Models to Scale GenAI Datacenters & Enable Edge AI

CompactifAI

As organizations race to deploy Generative AI, two challenges dominate: how to scale inference economically in the datacenter, and how to bring intelligence on the edge where connectivity, power and footprint are constrained. Multiverse Computing makes ultra-efficient, compressed AI models, including LLMs, VLMs, speech-to-text, and computer vision models — engineered to deliver the same accuracy with a fraction of the memory requirements. By integrating with Intel® hardware and optimizing with OpenVINO™ toolkit, enterprises can deploy larger AI models on existing infrastructure rather than expanding it.

In the datacenter, leaner models translate directly into higher throughput, lower energy consumption, and improved ROI by enabling more users and workloads to run on the same infrastructure. At the edge, the same compression breakthroughs make it possible to deploy GenAI in constrained environments — bringing secure, low-latency AI to tactical environments.

intel ai
Intel® AI Edge Applications

Key Intel-Enabled Features

- AI Model Compression
- Efficient AI Inference
- Hybrid AI Deployment
- Lower Energy Usage

Accelerate Business Transformation with Optimized, Ready-to-Deploy, Intel-Powered AI Partner Solution

- Efficient AI inference across AI PCs, Xeon servers, and Gaudi accelerators
- Reduced memory requirements through OpenVINO-optimized model execution
- Flexible deployment from client devices to data center infrastructure
- Lower energy consumption through AI model compression and efficient hardware utilization.

Intel Products and Technologies

- Intel® Core™ Ultra Processors
- Intel® Gaudi® 3 AI Accelerators
- OpenVINO™ Toolkit
- Intel® oneAPI Toolkit

Run large AI models, more concurrent users and more AI workloads on existing infrastructure with ***lower compute and power requirements.***

Ordering Guidance:

- Buy CompactifAI

Country/Geo: Worldwide

Edge Verticals: Enterprise; Retail & Consumer; Manufacturing & Energy; Health & Life Sciences; Education

Edge Use Cases: Commercial/Enterprise AI Software

Learn more:

- Multiverse Computing Website

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