Advanced Computing Intelligence Service

Get comprehensive insights into AI compute across devices, edge, and data center and emerging market opportunities.

Key Questions Answered

- How is the demand for compute created by GenAI models being met?
- How is evolving fundamental AI technology changing AI infrastructure?
- What impact does this change have on AI processor vendors and the supply chain?
- What is the impact of AI in the context of device and edge computing infrastructure?
- Who are the key ecosystem participants, particularly the AI ASIC startups?

What We Offer

- Deep insight into the intersection of AI models, AI applications, and AI hardware
- Comprehensive analysis of AI processor market trends, revenue forecasts, and competitive landscapes
- Strategic roadmaps for new compute paradigms and their business applications
- Best-in-class "Ask an Analyst" service bringing direct access to experts

The first round in the AI compute fight has gone to NVIDIA and its GPUs, but major changes are ahead as we move through mass adoption of AI in the data center. A new generation of open-source models and a greater focus on the edge are going to change the game.

Alexander Harrowell

Principal Analyst

Advanced Computing for AI

SPEAK WITH OUR EXPERTS

Delivering next-generation AI compute intelligence

Key Deliverables

Market Trackers
Comprehensive tracking and forecasting of AI processors, startups, custom projects, and wider market dynamics through regular data-driven reports.

Reports
In-depth analysis of AI hardware, software platforms, and vendor landscapes across cloud, edge, and emerging computing technologies.

Briefings
On-demand analyst presentations delivering detailed research highlights across all market aspects.

Analyst Insights and Access
Ongoing market commentary and prompt analyst support for client queries, covering industry developments, trends, and events.

Key Research Themes

AI Processor Technologies
- Cloud and Data Center AI Processors
- Edge AI Processing Solutions
- AI Custom Silicon Development
- AI Hardware Startups (both Global and Asia-Oceania focus)

Fundamental AI Developments
- Rise of Small, Open-Source Models
- Democratization of AI Training
- Inference Serving Strategies for Scale
- AI Beyond the Transformer Architecture

Advanced Computing Analysis
- Merger & Acquisition Activities
- Hardware Vendor Market Share
- Hyperscale Cloud Provider Strategies
- AI PC Development
- Edge Software Platforms

VIEW CONTENT

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