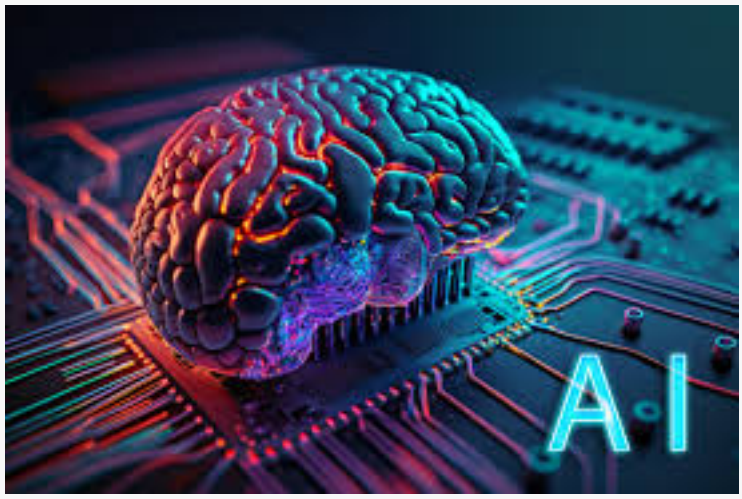
AI in Computing Hardware Market to See Revolutionary Growth with NVIDIA, Graphcore, Ambarella

Stay up-to-date with AI in Computing Hardware Market Research offered by HTF MI. Check how key trends and emerging drivers are shaping this industry's growth.



AI in Computing Hardware Market

PUNE, MAHARASHTRA, INDIA, September 23, 2024 /EINPresswire.com/ -- The latest study released on the Global AI in Computing Hardware Market by HTF MI evaluates market size, trend, and forecast to 2030. The AI in Computing Hardware market study covers significant research data and proofs to be a handy resource document for managers, analysts, industry experts and other key people to have ready-to-access and self-analyzed study to help understand market trends, growth drivers, opportunities and upcoming challenges and about the competitors.

> According to HTF MI, the global AI in Computing Hardware market is valued at USD 40 Bn in 2023 and is estimated to reach a revenue of USD 80 Bn by 2030, with a CAGR of 18% from 2023 to 2030. ”
>
> *Nidhi Bhawsar*

Key Players in This Report Include: NVIDIA (United States), Graphcore (United Kingdom), Syntiant (United States), Ambarella (United States), Cerebras Systems (United States), Kneron (United States), Synopsys (United States), NXP Semiconductors (Netherlands), Ceva, Inc. (United States), IBM (United States), Cadence Design Systems, Inc. (United States), Intel (United States)

Get inside Scoop of AI in Computing Hardware Market: https://www.htfmarketintelligence.com/sample-report/global-ai-in-computing-hardware-market?utm_source=Krati_EINnews&utm_id=Krati

Definition:

AI in computing hardware refers to the integration of artificial intelligence technologies into hardware systems to enhance processing capabilities, efficiency, and performance. This includes specialized chips, GPUs, and systems designed to accelerate machine learning and AI workloads. As the demand for AI applications across industries grows, the hardware market is expanding rapidly, with innovations aimed at improving computational power and enabling advanced analytics, ultimately driving the evolution of computing technology.

Market Drivers:
Growing demand for advanced computational power to support AI applications across various industries

Market Opportunities:
Increasing demand for edge computing solutions

Market Challenges:
High development costs and rapid technological advancements can lead to challenges

Fastest-Growing Region:
Europe

Dominating Region:
North America, Asia-Pacific

Market Leaders & Development Strategies:
In March 2023, Intel Labs has developed two new AI models, VI-Depth 1.0 and MiDaS 3.1, which enhance depth estimation for computer vision development.

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The Global AI in Computing Hardware Market segments and Market Data Break Down are illuminated below:
AI in Computing Hardware Market is Segmented by Application (BFSI, IT & Telecommunication, Retail, Manufacturing, Healthcare, Others) and by Geography (North America, LATAM, West Europe, Central & Eastern Europe, Northern Europe, Southern Europe, East Asia, Southeast Asia, South Asia, Central Asia, Oceania, MEA)
Global AI in Computing Hardware market report highlights information regarding the current and future industry trends, growth patterns, as well as it offers business strategies to helps the stakeholders in making sound decisions that may help to ensure the profit trajectory over the forecast years.

Geographically, the detailed analysis of consumption, revenue, market share, and growth rate of the following regions:

• The Middle East and Africa (South Africa, Saudi Arabia, UAE, Israel, Egypt, etc.)
• North America (United States, Mexico & Canada)
• South America (Brazil, Venezuela, Argentina, Ecuador, Peru, Colombia, etc.)
• Europe (Turkey, Spain, Turkey, Netherlands Denmark, Belgium, Switzerland, Germany, Russia UK, Italy, France, etc.)
• Asia-Pacific (Taiwan, Hong Kong, Singapore, Vietnam, China, Malaysia, Japan, Philippines, Korea, Thailand, India, Indonesia, and Australia).

Objectives of the Report
• -To carefully analyze and forecast the size of the AI in Computing Hardware market by value and volume.
• -To estimate the market shares of major segments of the AI in Computing Hardware
• -To showcase the development of the AI in Computing Hardware market in different parts of the world.
• -To analyze and study micro-markets in terms of their contributions to the AI in Computing Hardware market, their prospects, and individual growth trends.
• -To offer precise and useful details about factors affecting the growth of the AI in Computing Hardware
• -To provide a meticulous assessment of crucial business strategies used by leading companies operating in the AI in Computing Hardware market, which include research and development, collaborations, agreements, partnerships, acquisitions, mergers, new developments, and product launches.

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Major highlights from Table of Contents:
AI in Computing Hardware Market Study Coverages:
• It includes major manufacturers, emerging player's growth story, and major business segments of AI in Computing Hardware market, years considered, and research objectives. Additionally, segmentation on the basis of the type of product, application, and technology.
• AI in Computing Hardware Market Executive Summary: It gives a summary of overall studies, growth rate, available market, competitive landscape, market drivers, trends, and issues, and macroscopic indicators.
• AI in Computing Hardware Market Production by Region AI in Computing Hardware Market Profile of Manufacturers-players are studied on the basis of SWOT, their products, production, value, financials, and other vital factors.

Key Points Covered in AI in Computing Hardware Market Report:
• AI in Computing Hardware Overview, Definition and Classification Market drivers and barriers
• AI in Computing Hardware Market Competition by Manufacturers
• Impact Analysis of COVID-19 on AI in Computing Hardware Market
• AI in Computing Hardware Capacity, Production, Revenue (Value) by Region (2023-2030)

• AI in Computing Hardware Supply (Production), Consumption, Export, Import by Region (2023-2030)
• AI in Computing Hardware Production, Revenue (Value), Price Trend by Type {}
• AI in Computing Hardware Manufacturers Profiles/Analysis AI in Computing Hardware Manufacturing Cost Analysis, Industrial/Supply Chain Analysis, Sourcing Strategy and Downstream Buyers, Marketing
• Strategy by Key Manufacturers/Players, Connected Distributors/Traders Standardization, Regulatory and collaborative initiatives, Industry road map and value chain Market Effect Factors Analysis.

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Key questions answered
• How feasible is AI in Computing Hardware market for long-term investment?
• What are influencing factors driving the demand for AI in Computing Hardware near future?
• What is the impact analysis of various factors in the Global AI in Computing Hardware market growth?
• What are the recent trends in the regional market and how successful they are?

Thanks for reading this article; you can also get individual chapter wise section or region wise report version like North America, Middle East, Africa, Europe or LATAM, Southeast Asia.

Nidhi Bhawsar
HTF Market Intelligence Consulting Private Limited
+1 507-556-2445
email us here
Visit us on social media:
Facebook
X
LinkedIn