+357 96 030922
info@marketpublishers.com

Global AI Computing Hardware Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

https://marketpublishers.com/r/GCD6A20B9F03EN.html
Date: August 2025
Pages: 88
Price: US$ 3,480.00 (Single User License)
ID: GCD6A20B9F03EN

Abstracts

According to our (Global Info Research) latest study, the global AI Computing Hardware market size was valued at US$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

As an important force driving a new round of scientific and technological revolution, artificial intelligence has been of national strategic importance. Many governments introduces polices and increase capital investment to support AI companies. The Digital Europe plan adopted by the European Union will allocate €9.2 billion on high-tech investments, such as supercomputing, artificial intelligence, and network security. In order to maintain its leading position, the United States will increase its investment in artificial intelligence research and development in non-defense fields, from US$1.6 billion to US$1.7 billion in 2022. According to the latest data released by IDC, global artificial intelligence revenue was US$432.8 billion in 2022, a year-on-year increase of 19.98%, including software, hardware and services.

This report is a detailed and comprehensive analysis for global AI Computing Hardware market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

+357 96 030922
info@marketpublishers.com

Global AI Computing Hardware market size and forecasts, in consumption value ($ Million), sales quantity (Units), and average selling prices (US$/Unit), 2020-2031

Global AI Computing Hardware market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Units), and average selling prices (US$/Unit), 2020-2031

Global AI Computing Hardware market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (Units), and average selling prices (US$/Unit), 2020-2031

Global AI Computing Hardware market shares of main players, shipments in revenue ($ Million), sales quantity (Units), and ASP (US$/Unit), 2020-2025

The Primary Objectives in This Report Are:
To determine the size of the total market opportunity of global and key countries
To assess the growth potential for AI Computing Hardware
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global AI Computing Hardware market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cadence Design Systems Inc., Synopsys Inc., NXP Semiconductors NV, CEVA Inc., Allied Vision Technologies GmbH, Arm Limited, Knowles Electronics LLC, GreenWaves Technologies, Andrea Electronics Corporation, Basler AG, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

AI Computing Hardware market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

+357 96 030922
info@marketpublishers.com

Market segment by Type

Stand-alone Vision Processor

Embedded Vision Processor

Stand-alone Sound Processor

Embedded Sound Processor

Market segment by Application

BFSI

Automotive

Healthcare

IT and Telecom

Aerospace and Defense

Energy and Utilities

Government and Public Services

Others

Major players covered

Cadence Design Systems Inc.

Synopsys Inc.

NXP Semiconductors NV

CEVA Inc.

+357 96 030922
info@marketpublishers.com

Allied Vision Technologies GmbH

Arm Limited

Knowles Electronics LLC

GreenWaves Technologies

Andrea Electronics Corporation

Basler AG

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe AI Computing Hardware product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of AI Computing Hardware, with price, sales quantity, revenue, and global market share of AI Computing Hardware from 2020 to 2025.

Chapter 3, the AI Computing Hardware competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the AI Computing Hardware breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

+357 96 030922
info@marketpublishers.com

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025.and AI Computing Hardware market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of AI Computing Hardware.

Chapter 14 and 15, to describe AI Computing Hardware sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

3 COMPETITIVE ENVIRONMENT: AI COMPUTING HARDWARE BY MANUFACTURER

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global AI Computing Hardware Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: https://marketpublishers.com/r/GCD6A20B9F03EN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GCD6A20B9F03EN.html