

# Global AI Accelerator Chip Industry Research Report, Competitive Landscape, Market Size, Regional Status and Prospect

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## Abstracts

The report combines extensive quantitative analysis and exhaustive qualitative analysis, ranges from a macro overview of the total market size, industry chain, and market dynamics to micro details of segment markets by type, application and region, and, as a result, provides a holistic view of, as well as a deep insight into the AI Accelerator Chip market covering all its essential aspects.

For the competitive landscape, the report also introduces players in the industry from the perspective of the market share, concentration ratio, etc., and describes the leading companies in detail, with which the readers can get a better idea of their competitors and acquire an in-depth understanding of the competitive situation. Further, mergers & acquisitions, emerging market trends, the impact of COVID-19, and regional conflicts will all be considered.

In a nutshell, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the market in any manner.

Key players in the global AI Accelerator Chip market are covered in Chapter 9:

Qualcomm

Micron Technology

AMD

Google

Microsoft

Xilinx

Cadence

Mellanox Technologies

Samsung Electronics

Huawei Technologies

IBM

Nvidia

Intel

In Chapter 5 and Chapter 7.3, based on types, the AI Accelerator Chip market from 2017 to 2027 is primarily split into:

GPU

FPGA

ASIC

Others

In Chapter 6 and Chapter 7.4, based on applications, the AI Accelerator Chip market from 2017 to 2027 covers:

Automotive

Consumer Electronics

Healthcare

Manufacturing

Others

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historical data and forecast (2017-2027) of the following regions are covered in Chapter 4 and Chapter 7:

United States

Europe

China

Japan

India

Southeast Asia

Latin America

Middle East and Africa

Client Focus

1. Does this report consider the impact of COVID-19 and the Russia-Ukraine war on the AI Accelerator Chip market?

Yes. As the COVID-19 and the Russia-Ukraine war are profoundly affecting the global supply chain relationship and raw material price system, we have definitely taken them into consideration throughout the research, and in Chapters 1.7, 2.7, 4.X.1, 7.5, 8.7, we elaborate at full length on the impact of the pandemic and the war on the AI Accelerator Chip Industry.

2. How do you determine the list of the key players included in the report?

With the aim of clearly revealing the competitive situation of the industry, we concretely

analyze not only the leading enterprises that have a voice on a global scale, but also the regional small and medium-sized companies that play key roles and have plenty of potential growth.

Please find the key player list in Summary.

### 3. What are your main data sources?

Both Primary and Secondary data sources are being used while compiling the report.

Primary sources include extensive interviews of key opinion leaders and industry experts (such as experienced front-line staff, directors, CEOs, and marketing executives), downstream distributors, as well as end-users.

Secondary sources include the research of the annual and financial reports of the top companies, public files, new journals, etc. We also cooperate with some third-party databases.

Please find a more complete list of data sources in Chapters 11.2.1 & 11.2.2.

### 4. Can I modify the scope of the report and customize it to suit my requirements?

Yes. Customized requirements of multi-dimensional, deep-level and high-quality can help our customers precisely grasp market opportunities, effortlessly confront market challenges, properly formulate market strategies and act promptly, thus to win them sufficient time and space for market competition.

## Outline

Chapter 1 mainly defines the market scope and introduces the macro overview of the industry, with an executive summary of different market segments ((by type, application, region, etc.), including the definition, market size, and trend of each market segment.

Chapter 2 provides a qualitative analysis of the current status and future trends of the market. Industry Entry Barriers, market drivers, market challenges, emerging markets, consumer preference analysis, together with the impact of the COVID-19 outbreak will all be thoroughly explained.

Chapter 3 analyzes the current competitive situation of the market by providing data

regarding the players, including their sales volume and revenue with corresponding market shares, price and gross margin. In addition, information about market concentration ratio, mergers, acquisitions, and expansion plans will also be covered.

Chapter 4 focuses on the regional market, presenting detailed data (i.e., sales volume, revenue, price, gross margin) of the most representative regions and countries in the world.

Chapter 5 provides the analysis of various market segments according to product types, covering sales volume, revenue along with market share and growth rate, plus the price analysis of each type.

Chapter 6 shows the breakdown data of different applications, including the consumption and revenue with market share and growth rate, with the aim of helping the readers to take a close-up look at the downstream market.

Chapter 7 provides a combination of quantitative and qualitative analyses of the market size and development trends in the next five years. The forecast information of the whole, as well as the breakdown market, offers the readers a chance to look into the future of the industry.

Chapter 8 is the analysis of the whole market industrial chain, covering key raw materials suppliers and price analysis, manufacturing cost structure analysis, alternative product analysis, also providing information on major distributors, downstream buyers, and the impact of COVID-19 pandemic.

Chapter 9 shares a list of the key players in the market, together with their basic information, product profiles, market performance (i.e., sales volume, price, revenue, gross margin), recent development, SWOT analysis, etc.

Chapter 10 is the conclusion of the report which helps the readers to sum up the main findings and points.

Chapter 11 introduces the market research methods and data sources.

Years considered for this report:

Historical Years: 2017-2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2022-2027

## Contents

### 1 AI ACCELERATOR CHIP MARKET OVERVIEW

- 1.1 Product Overview and Scope of AI Accelerator Chip Market
- 1.2 AI Accelerator Chip Market Segment by Type
  - 1.2.1 Global AI Accelerator Chip Market Sales Volume and CAGR (%) Comparison by Type (2017-2027)
- 1.3 Global AI Accelerator Chip Market Segment by Application
  - 1.3.1 AI Accelerator Chip Market Consumption (Sales Volume) Comparison by Application (2017-2027)
- 1.4 Global AI Accelerator Chip Market, Region Wise (2017-2027)
  - 1.4.1 Global AI Accelerator Chip Market Size (Revenue) and CAGR (%) Comparison by Region (2017-2027)
  - 1.4.2 United States AI Accelerator Chip Market Status and Prospect (2017-2027)
  - 1.4.3 Europe AI Accelerator Chip Market Status and Prospect (2017-2027)
  - 1.4.4 China AI Accelerator Chip Market Status and Prospect (2017-2027)
  - 1.4.5 Japan AI Accelerator Chip Market Status and Prospect (2017-2027)
  - 1.4.6 India AI Accelerator Chip Market Status and Prospect (2017-2027)
  - 1.4.7 Southeast Asia AI Accelerator Chip Market Status and Prospect (2017-2027)
  - 1.4.8 Latin America AI Accelerator Chip Market Status and Prospect (2017-2027)
  - 1.4.9 Middle East and Africa AI Accelerator Chip Market Status and Prospect (2017-2027)
- 1.5 Global Market Size of AI Accelerator Chip (2017-2027)
  - 1.5.1 Global AI Accelerator Chip Market Revenue Status and Outlook (2017-2027)
  - 1.5.2 Global AI Accelerator Chip Market Sales Volume Status and Outlook (2017-2027)
- 1.6 Global Macroeconomic Analysis
- 1.7 The impact of the Russia-Ukraine war on the AI Accelerator Chip Market

### 2 INDUSTRY OUTLOOK

- 2.1 AI Accelerator Chip Industry Technology Status and Trends
- 2.2 Industry Entry Barriers
  - 2.2.1 Analysis of Financial Barriers
  - 2.2.2 Analysis of Technical Barriers
  - 2.2.3 Analysis of Talent Barriers
  - 2.2.4 Analysis of Brand Barrier
- 2.3 AI Accelerator Chip Market Drivers Analysis

- 2.4 AI Accelerator Chip Market Challenges Analysis
- 2.5 Emerging Market Trends
- 2.6 Consumer Preference Analysis
- 2.7 AI Accelerator Chip Industry Development Trends under COVID-19 Outbreak
  - 2.7.1 Global COVID-19 Status Overview
  - 2.7.2 Influence of COVID-19 Outbreak on AI Accelerator Chip Industry Development

### **3 GLOBAL AI ACCELERATOR CHIP MARKET LANDSCAPE BY PLAYER**

- 3.1 Global AI Accelerator Chip Sales Volume and Share by Player (2017-2022)
- 3.2 Global AI Accelerator Chip Revenue and Market Share by Player (2017-2022)
- 3.3 Global AI Accelerator Chip Average Price by Player (2017-2022)
- 3.4 Global AI Accelerator Chip Gross Margin by Player (2017-2022)
- 3.5 AI Accelerator Chip Market Competitive Situation and Trends
  - 3.5.1 AI Accelerator Chip Market Concentration Rate
  - 3.5.2 AI Accelerator Chip Market Share of Top 3 and Top 6 Players
  - 3.5.3 Mergers & Acquisitions, Expansion

### **4 GLOBAL AI ACCELERATOR CHIP SALES VOLUME AND REVENUE REGION WISE (2017-2022)**

- 4.1 Global AI Accelerator Chip Sales Volume and Market Share, Region Wise (2017-2022)
- 4.2 Global AI Accelerator Chip Revenue and Market Share, Region Wise (2017-2022)
- 4.3 Global AI Accelerator Chip Sales Volume, Revenue, Price and Gross Margin (2017-2022)
- 4.4 United States AI Accelerator Chip Sales Volume, Revenue, Price and Gross Margin (2017-2022)
  - 4.4.1 United States AI Accelerator Chip Market Under COVID-19
- 4.5 Europe AI Accelerator Chip Sales Volume, Revenue, Price and Gross Margin (2017-2022)
  - 4.5.1 Europe AI Accelerator Chip Market Under COVID-19
- 4.6 China AI Accelerator Chip Sales Volume, Revenue, Price and Gross Margin (2017-2022)
  - 4.6.1 China AI Accelerator Chip Market Under COVID-19
- 4.7 Japan AI Accelerator Chip Sales Volume, Revenue, Price and Gross Margin (2017-2022)
  - 4.7.1 Japan AI Accelerator Chip Market Under COVID-19
- 4.8 India AI Accelerator Chip Sales Volume, Revenue, Price and Gross Margin



(2017-2022)

4.8.1 India AI Accelerator Chip Market Under COVID-19

4.9 Southeast Asia AI Accelerator Chip Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.9.1 Southeast Asia AI Accelerator Chip Market Under COVID-19

4.10 Latin America AI Accelerator Chip Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.10.1 Latin America AI Accelerator Chip Market Under COVID-19

4.11 Middle East and Africa AI Accelerator Chip Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.11.1 Middle East and Africa AI Accelerator Chip Market Under COVID-19

## **5 GLOBAL AI ACCELERATOR CHIP SALES VOLUME, REVENUE, PRICE TREND BY TYPE**

5.1 Global AI Accelerator Chip Sales Volume and Market Share by Type (2017-2022)

5.2 Global AI Accelerator Chip Revenue and Market Share by Type (2017-2022)

5.3 Global AI Accelerator Chip Price by Type (2017-2022)

5.4 Global AI Accelerator Chip Sales Volume, Revenue and Growth Rate by Type (2017-2022)

5.4.1 Global AI Accelerator Chip Sales Volume, Revenue and Growth Rate of GPU (2017-2022)

5.4.2 Global AI Accelerator Chip Sales Volume, Revenue and Growth Rate of FPGA (2017-2022)

5.4.3 Global AI Accelerator Chip Sales Volume, Revenue and Growth Rate of ASIC (2017-2022)

5.4.4 Global AI Accelerator Chip Sales Volume, Revenue and Growth Rate of Others (2017-2022)

## **6 GLOBAL AI ACCELERATOR CHIP MARKET ANALYSIS BY APPLICATION**

6.1 Global AI Accelerator Chip Consumption and Market Share by Application (2017-2022)

6.2 Global AI Accelerator Chip Consumption Revenue and Market Share by Application (2017-2022)

6.3 Global AI Accelerator Chip Consumption and Growth Rate by Application (2017-2022)

6.3.1 Global AI Accelerator Chip Consumption and Growth Rate of Automotive (2017-2022)

6.3.2 Global AI Accelerator Chip Consumption and Growth Rate of Consumer Electronics (2017-2022)

6.3.3 Global AI Accelerator Chip Consumption and Growth Rate of Healthcare (2017-2022)

6.3.4 Global AI Accelerator Chip Consumption and Growth Rate of Manufacturing (2017-2022)

6.3.5 Global AI Accelerator Chip Consumption and Growth Rate of Others (2017-2022)

## **7 GLOBAL AI ACCELERATOR CHIP MARKET FORECAST (2022-2027)**

7.1 Global AI Accelerator Chip Sales Volume, Revenue Forecast (2022-2027)

7.1.1 Global AI Accelerator Chip Sales Volume and Growth Rate Forecast (2022-2027)

7.1.2 Global AI Accelerator Chip Revenue and Growth Rate Forecast (2022-2027)

7.1.3 Global AI Accelerator Chip Price and Trend Forecast (2022-2027)

7.2 Global AI Accelerator Chip Sales Volume and Revenue Forecast, Region Wise (2022-2027)

7.2.1 United States AI Accelerator Chip Sales Volume and Revenue Forecast (2022-2027)

7.2.2 Europe AI Accelerator Chip Sales Volume and Revenue Forecast (2022-2027)

7.2.3 China AI Accelerator Chip Sales Volume and Revenue Forecast (2022-2027)

7.2.4 Japan AI Accelerator Chip Sales Volume and Revenue Forecast (2022-2027)

7.2.5 India AI Accelerator Chip Sales Volume and Revenue Forecast (2022-2027)

7.2.6 Southeast Asia AI Accelerator Chip Sales Volume and Revenue Forecast (2022-2027)

7.2.7 Latin America AI Accelerator Chip Sales Volume and Revenue Forecast (2022-2027)

7.2.8 Middle East and Africa AI Accelerator Chip Sales Volume and Revenue Forecast (2022-2027)

7.3 Global AI Accelerator Chip Sales Volume, Revenue and Price Forecast by Type (2022-2027)

7.3.1 Global AI Accelerator Chip Revenue and Growth Rate of GPU (2022-2027)

7.3.2 Global AI Accelerator Chip Revenue and Growth Rate of FPGA (2022-2027)

7.3.3 Global AI Accelerator Chip Revenue and Growth Rate of ASIC (2022-2027)

7.3.4 Global AI Accelerator Chip Revenue and Growth Rate of Others (2022-2027)

7.4 Global AI Accelerator Chip Consumption Forecast by Application (2022-2027)

7.4.1 Global AI Accelerator Chip Consumption Value and Growth Rate of Automotive(2022-2027)

7.4.2 Global AI Accelerator Chip Consumption Value and Growth Rate of Consumer

Electronics(2022-2027)

7.4.3 Global AI Accelerator Chip Consumption Value and Growth Rate of Healthcare(2022-2027)

7.4.4 Global AI Accelerator Chip Consumption Value and Growth Rate of Manufacturing(2022-2027)

7.4.5 Global AI Accelerator Chip Consumption Value and Growth Rate of Others(2022-2027)

7.5 AI Accelerator Chip Market Forecast Under COVID-19

## **8 AI ACCELERATOR CHIP MARKET UPSTREAM AND DOWNSTREAM ANALYSIS**

8.1 AI Accelerator Chip Industrial Chain Analysis

8.2 Key Raw Materials Suppliers and Price Analysis

8.3 Manufacturing Cost Structure Analysis

8.3.1 Labor Cost Analysis

8.3.2 Energy Costs Analysis

8.3.3 R&D Costs Analysis

8.4 Alternative Product Analysis

8.5 Major Distributors of AI Accelerator Chip Analysis

8.6 Major Downstream Buyers of AI Accelerator Chip Analysis

8.7 Impact of COVID-19 and the Russia-Ukraine war on the Upstream and Downstream in the AI Accelerator Chip Industry

## **9 PLAYERS PROFILES**

9.1 Qualcomm

9.1.1 Qualcomm Basic Information, Manufacturing Base, Sales Region and Competitors

9.1.2 AI Accelerator Chip Product Profiles, Application and Specification

9.1.3 Qualcomm Market Performance (2017-2022)

9.1.4 Recent Development

9.1.5 SWOT Analysis

9.2 Micron Technology

9.2.1 Micron Technology Basic Information, Manufacturing Base, Sales Region and Competitors

9.2.2 AI Accelerator Chip Product Profiles, Application and Specification

9.2.3 Micron Technology Market Performance (2017-2022)

9.2.4 Recent Development

9.2.5 SWOT Analysis

### 9.3 AMD

- 9.3.1 AMD Basic Information, Manufacturing Base, Sales Region and Competitors
- 9.3.2 AI Accelerator Chip Product Profiles, Application and Specification
- 9.3.3 AMD Market Performance (2017-2022)
- 9.3.4 Recent Development
- 9.3.5 SWOT Analysis

### 9.4 Google

- 9.4.1 Google Basic Information, Manufacturing Base, Sales Region and Competitors
- 9.4.2 AI Accelerator Chip Product Profiles, Application and Specification
- 9.4.3 Google Market Performance (2017-2022)
- 9.4.4 Recent Development
- 9.4.5 SWOT Analysis

### 9.5 Microsoft

- 9.5.1 Microsoft Basic Information, Manufacturing Base, Sales Region and Competitors
- 9.5.2 AI Accelerator Chip Product Profiles, Application and Specification
- 9.5.3 Microsoft Market Performance (2017-2022)
- 9.5.4 Recent Development
- 9.5.5 SWOT Analysis

### 9.6 Xilinx

- 9.6.1 Xilinx Basic Information, Manufacturing Base, Sales Region and Competitors
- 9.6.2 AI Accelerator Chip Product Profiles, Application and Specification
- 9.6.3 Xilinx Market Performance (2017-2022)
- 9.6.4 Recent Development
- 9.6.5 SWOT Analysis

### 9.7 Cadence

- 9.7.1 Cadence Basic Information, Manufacturing Base, Sales Region and Competitors
- 9.7.2 AI Accelerator Chip Product Profiles, Application and Specification
- 9.7.3 Cadence Market Performance (2017-2022)
- 9.7.4 Recent Development
- 9.7.5 SWOT Analysis

### 9.8 Mellanox Technologies

- 9.8.1 Mellanox Technologies Basic Information, Manufacturing Base, Sales Region and Competitors
- 9.8.2 AI Accelerator Chip Product Profiles, Application and Specification
- 9.8.3 Mellanox Technologies Market Performance (2017-2022)
- 9.8.4 Recent Development
- 9.8.5 SWOT Analysis

### 9.9 Samsung Electronics

- 9.9.1 Samsung Electronics Basic Information, Manufacturing Base, Sales Region and

## Competitors

9.9.2 AI Accelerator Chip Product Profiles, Application and Specification

9.9.3 Samsung Electronics Market Performance (2017-2022)

9.9.4 Recent Development

9.9.5 SWOT Analysis

## 9.10 Huawei Technologies

9.10.1 Huawei Technologies Basic Information, Manufacturing Base, Sales Region and Competitors

9.10.2 AI Accelerator Chip Product Profiles, Application and Specification

9.10.3 Huawei Technologies Market Performance (2017-2022)

9.10.4 Recent Development

9.10.5 SWOT Analysis

## 9.11 IBM

9.11.1 IBM Basic Information, Manufacturing Base, Sales Region and Competitors

9.11.2 AI Accelerator Chip Product Profiles, Application and Specification

9.11.3 IBM Market Performance (2017-2022)

9.11.4 Recent Development

9.11.5 SWOT Analysis

## 9.12 Nvidia

9.12.1 Nvidia Basic Information, Manufacturing Base, Sales Region and Competitors

9.12.2 AI Accelerator Chip Product Profiles, Application and Specification

9.12.3 Nvidia Market Performance (2017-2022)

9.12.4 Recent Development

9.12.5 SWOT Analysis

## 9.13 Intel

9.13.1 Intel Basic Information, Manufacturing Base, Sales Region and Competitors

9.13.2 AI Accelerator Chip Product Profiles, Application and Specification

9.13.3 Intel Market Performance (2017-2022)

9.13.4 Recent Development

9.13.5 SWOT Analysis

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 APPENDIX**

11.1 Methodology

11.2 Research Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure AI Accelerator Chip Product Picture

Table Global AI Accelerator Chip Market Sales Volume and CAGR (%) Comparison by Type

Table AI Accelerator Chip Market Consumption (Sales Volume) Comparison by Application (2017-2027)

Figure Global AI Accelerator Chip Market Size (Revenue, Million USD) and CAGR (%) (2017-2027)

Figure United States AI Accelerator Chip Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Europe AI Accelerator Chip Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure China AI Accelerator Chip Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Japan AI Accelerator Chip Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure India AI Accelerator Chip Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Southeast Asia AI Accelerator Chip Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Latin America AI Accelerator Chip Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Middle East and Africa AI Accelerator Chip Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Global AI Accelerator Chip Market Sales Volume Status and Outlook (2017-2027)

Table Global Macroeconomic Analysis

Figure Global COVID-19 Status Overview

Table Influence of COVID-19 Outbreak on AI Accelerator Chip Industry Development

Table Global AI Accelerator Chip Sales Volume by Player (2017-2022)

Table Global AI Accelerator Chip Sales Volume Share by Player (2017-2022)

Figure Global AI Accelerator Chip Sales Volume Share by Player in 2021

Table AI Accelerator Chip Revenue (Million USD) by Player (2017-2022)

Table AI Accelerator Chip Revenue Market Share by Player (2017-2022)

Table AI Accelerator Chip Price by Player (2017-2022)

Table AI Accelerator Chip Gross Margin by Player (2017-2022)

Table Mergers & Acquisitions, Expansion Plans

Table Global AI Accelerator Chip Sales Volume, Region Wise (2017-2022)

Table Global AI Accelerator Chip Sales Volume Market Share, Region Wise (2017-2022)

Figure Global AI Accelerator Chip Sales Volume Market Share, Region Wise (2017-2022)

Figure Global AI Accelerator Chip Sales Volume Market Share, Region Wise in 2021

Table Global AI Accelerator Chip Revenue (Million USD), Region Wise (2017-2022)

Table Global AI Accelerator Chip Revenue Market Share, Region Wise (2017-2022)

Figure Global AI Accelerator Chip Revenue Market Share, Region Wise (2017-2022)

Figure Global AI Accelerator Chip Revenue Market Share, Region Wise in 2021

Table Global AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table United States AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Europe AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table China AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Japan AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table India AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Southeast Asia AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Latin America AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Middle East and Africa AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Global AI Accelerator Chip Sales Volume by Type (2017-2022)

Table Global AI Accelerator Chip Sales Volume Market Share by Type (2017-2022)

Figure Global AI Accelerator Chip Sales Volume Market Share by Type in 2021



Table Global AI Accelerator Chip Revenue (Million USD) by Type (2017-2022)

Table Global AI Accelerator Chip Revenue Market Share by Type (2017-2022)

Figure Global AI Accelerator Chip Revenue Market Share by Type in 2021

Table AI Accelerator Chip Price by Type (2017-2022)

Figure Global AI Accelerator Chip Sales Volume and Growth Rate of GPU (2017-2022)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of GPU (2017-2022)

Figure Global AI Accelerator Chip Sales Volume and Growth Rate of FPGA (2017-2022)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of FPGA (2017-2022)

Figure Global AI Accelerator Chip Sales Volume and Growth Rate of ASIC (2017-2022)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of ASIC (2017-2022)

Figure Global AI Accelerator Chip Sales Volume and Growth Rate of Others (2017-2022)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of Others (2017-2022)

Table Global AI Accelerator Chip Consumption by Application (2017-2022)

Table Global AI Accelerator Chip Consumption Market Share by Application (2017-2022)

Table Global AI Accelerator Chip Consumption Revenue (Million USD) by Application (2017-2022)

Table Global AI Accelerator Chip Consumption Revenue Market Share by Application (2017-2022)

Table Global AI Accelerator Chip Consumption and Growth Rate of Automotive (2017-2022)

Table Global AI Accelerator Chip Consumption and Growth Rate of Consumer Electronics (2017-2022)

Table Global AI Accelerator Chip Consumption and Growth Rate of Healthcare

(2017-2022)

Table Global AI Accelerator Chip Consumption and Growth Rate of Manufacturing

(2017-2022)

Table Global AI Accelerator Chip Consumption and Growth Rate of Others (2017-2022)

Figure Global AI Accelerator Chip Sales Volume and Growth Rate Forecast

(2022-2027)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate Forecast

(2022-2027)

Figure Global AI Accelerator Chip Price and Trend Forecast (2022-2027)

Figure USA AI Accelerator Chip Market Sales Volume and Growth Rate Forecast

Analysis (2022-2027)

Figure USA AI Accelerator Chip Market Revenue (Million USD) and Growth Rate

Forecast Analysis (2022-2027)

Figure Europe AI Accelerator Chip Market Sales Volume and Growth Rate Forecast

Analysis (2022-2027)

Figure Europe AI Accelerator Chip Market Revenue (Million USD) and Growth Rate

Forecast Analysis (2022-2027)

Figure China AI Accelerator Chip Market Sales Volume and Growth Rate Forecast

Analysis (2022-2027)

Figure China AI Accelerator Chip Market Revenue (Million USD) and Growth Rate

Forecast Analysis (2022-2027)

Figure Japan AI Accelerator Chip Market Sales Volume and Growth Rate Forecast

Analysis (2022-2027)

Figure Japan AI Accelerator Chip Market Revenue (Million USD) and Growth Rate

Forecast Analysis (2022-2027)

Figure India AI Accelerator Chip Market Sales Volume and Growth Rate Forecast

Analysis (2022-2027)

Figure India AI Accelerator Chip Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Southeast Asia AI Accelerator Chip Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Southeast Asia AI Accelerator Chip Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Latin America AI Accelerator Chip Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Latin America AI Accelerator Chip Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Middle East and Africa AI Accelerator Chip Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Middle East and Africa AI Accelerator Chip Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Table Global AI Accelerator Chip Market Sales Volume Forecast, by Type

Table Global AI Accelerator Chip Sales Volume Market Share Forecast, by Type

Table Global AI Accelerator Chip Market Revenue (Million USD) Forecast, by Type

Table Global AI Accelerator Chip Revenue Market Share Forecast, by Type

Table Global AI Accelerator Chip Price Forecast, by Type

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of GPU (2022-2027)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of GPU (2022-2027)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of FPGA (2022-2027)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of FPGA (2022-2027)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of ASIC (2022-2027)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of ASIC (2022-2027)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of Others (2022-2027)

Figure Global AI Accelerator Chip Revenue (Million USD) and Growth Rate of Others (2022-2027)

Table Global AI Accelerator Chip Market Consumption Forecast, by Application

Table Global AI Accelerator Chip Consumption Market Share Forecast, by Application

Table Global AI Accelerator Chip Market Revenue (Million USD) Forecast, by Application

Table Global AI Accelerator Chip Revenue Market Share Forecast, by Application

Figure Global AI Accelerator Chip Consumption Value (Million USD) and Growth Rate of Automotive (2022-2027)

Figure Global AI Accelerator Chip Consumption Value (Million USD) and Growth Rate of Consumer Electronics (2022-2027)

Figure Global AI Accelerator Chip Consumption Value (Million USD) and Growth Rate of Healthcare (2022-2027)

Figure Global AI Accelerator Chip Consumption Value (Million USD) and Growth Rate of Manufacturing (2022-2027)

Figure Global AI Accelerator Chip Consumption Value (Million USD) and Growth Rate of Others (2022-2027)

Figure AI Accelerator Chip Industrial Chain Analysis

Table Key Raw Materials Suppliers and Price Analysis

Figure Manufacturing Cost Structure Analysis

Table Alternative Product Analysis

Table Downstream Distributors

Table Downstream Buyers

Table Qualcomm Profile

Table Qualcomm AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Qualcomm AI Accelerator Chip Sales Volume and Growth Rate

Figure Qualcomm Revenue (Million USD) Market Share 2017-2022

Table Micron Technology Profile

Table Micron Technology AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Micron Technology AI Accelerator Chip Sales Volume and Growth Rate

Figure Micron Technology Revenue (Million USD) Market Share 2017-2022

Table AMD Profile

Table AMD AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure AMD AI Accelerator Chip Sales Volume and Growth Rate

Figure AMD Revenue (Million USD) Market Share 2017-2022

Table Google Profile

Table Google AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Google AI Accelerator Chip Sales Volume and Growth Rate

Figure Google Revenue (Million USD) Market Share 2017-2022

Table Microsoft Profile

Table Microsoft AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Microsoft AI Accelerator Chip Sales Volume and Growth Rate

Figure Microsoft Revenue (Million USD) Market Share 2017-2022

Table Xilinx Profile

Table Xilinx AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Xilinx AI Accelerator Chip Sales Volume and Growth Rate

Figure Xilinx Revenue (Million USD) Market Share 2017-2022

Table Cadence Profile

Table Cadence AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Cadence AI Accelerator Chip Sales Volume and Growth Rate

Figure Cadence Revenue (Million USD) Market Share 2017-2022

Table Mellanox Technologies Profile

Table Mellanox Technologies AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Mellanox Technologies AI Accelerator Chip Sales Volume and Growth Rate

Figure Mellanox Technologies Revenue (Million USD) Market Share 2017-2022

Table Samsung Electronics Profile

Table Samsung Electronics AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Samsung Electronics AI Accelerator Chip Sales Volume and Growth Rate

Figure Samsung Electronics Revenue (Million USD) Market Share 2017-2022

Table Huawei Technologies Profile

Table Huawei Technologies AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Huawei Technologies AI Accelerator Chip Sales Volume and Growth Rate

Figure Huawei Technologies Revenue (Million USD) Market Share 2017-2022

Table IBM Profile

Table IBM AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure IBM AI Accelerator Chip Sales Volume and Growth Rate

Figure IBM Revenue (Million USD) Market Share 2017-2022

Table Nvidia Profile

Table Nvidia AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Nvidia AI Accelerator Chip Sales Volume and Growth Rate

Figure Nvidia Revenue (Million USD) Market Share 2017-2022

Table Intel Profile

Table Intel AI Accelerator Chip Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Intel AI Accelerator Chip Sales Volume and Growth Rate

Figure Intel Revenue (Million USD) Market Share 2017-2022

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