

Global FPGA PCIe Accelerator Card Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G17E28BBDD99EN.html>

Date: February 2026

Pages: 139

Price: US\$ 4,480.00 (Single User License)

ID: G17E28BBDD99EN

Abstracts

The global FPGA PCIe Accelerator Card market size is expected to reach \$ 7089 million by 2032, rising at a market growth of 13.3% CAGR during the forecast period (2026-2032).

In 2025, global FPGA PCIe Accelerator Card production reached approximately 898 k units with an average global market price of around US\$3,300 per unit. Single-line annual production capacity averages 34 k units with a gross margin of approximately 39-42%. The FPGA PCIe Accelerator Card is centered around its core components, the FPGA and PCIe interface chips, which are predominantly utilized in the data center field, representing approximately 65% of the market. The card has a wide range of downstream applications, with data centers accounting for about 50% of the market, finance 25%, AIoT 15%, industrial automation 10%, and other sectors 10%. With the rapid development of the data center and AIoT sectors, the demand for FPGA PCIe Accelerator Cards is continuously increasing, and technological innovation and customized solutions are driving the market growth.

The FPGA PCIe Accelerator Card integrates Field-Programmable Gate Arrays (FPGAs) with a PCIe interface to deliver a highly adaptable and customizable hardware platform for processing complex data streams at high speeds. This card offers the capability to implement custom logic and parallel processing, enabling efficient data throughput and real-time response, while also supporting various interface standards and protocols for seamless integration into existing systems.

This report studies the global FPGA PCIe Accelerator Card production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for FPGA PCIe Accelerator Card and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of FPGA PCIe Accelerator Card that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global FPGA PCIe Accelerator Card total production and demand, 2021-2032, (K Units)

Global FPGA PCIe Accelerator Card total production value, 2021-2032, (USD Million)

Global FPGA PCIe Accelerator Card production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global FPGA PCIe Accelerator Card consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: FPGA PCIe Accelerator Card domestic production, consumption, key domestic manufacturers and share

Global FPGA PCIe Accelerator Card production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global FPGA PCIe Accelerator Card production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global FPGA PCIe Accelerator Card production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global FPGA PCIe Accelerator Card market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include AMD, Intel, Molex, Alpha Data Parallel Systems, Advantech, Korusys, Gidel, iWave Global, Concurrent Real-Time, Hitek Systems, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World FPGA PCIe Accelerator Card market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by

year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global FPGA PCIe Accelerator Card Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global FPGA PCIe Accelerator Card Market, Segmentation by Type:

Programmable

Non-Programmable

Global FPGA PCIe Accelerator Card Market, Segmentation by PCIe Card Size:

Half-length, Half-height PCIe Card

Half-length, Full-height PCIe Card

Global FPGA PCIe Accelerator Card Market, Segmentation by Application:

Data Center

Finance

AIoT

Industrial Automation

Others

Companies Profiled:

AMD

Intel

Molex

Alpha Data Parallel Systems

Advantech

Korusys

Gidel

iWave Global

Concurrent Real-Time

Hitek Systems

PRO DESIGN Electronic GmbH

Silicom

Resnics (Shanghai) Technology

Hangzhou Flyslice Technology

Beijing TSINGETECH

Beijing Dawning Information Industry

Suzhou Zhongke Yihai Microelectronics Technology

Key Questions Answered:

1. How big is the global FPGA PCIe Accelerator Card market?
2. What is the demand of the global FPGA PCIe Accelerator Card market?
3. What is the year over year growth of the global FPGA PCIe Accelerator Card market?
4. What is the production and production value of the global FPGA PCIe Accelerator Card market?
5. Who are the key producers in the global FPGA PCIe Accelerator Card market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Gadolinium Zirconate Introduction
- 1.2 World Gadolinium Zirconate Supply & Forecast
 - 1.2.1 World Gadolinium Zirconate Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Gadolinium Zirconate Production (2021-2032)
 - 1.2.3 World Gadolinium Zirconate Pricing Trends (2021-2032)
- 1.3 World Gadolinium Zirconate Production by Region (Based on Production Site)
 - 1.3.1 World Gadolinium Zirconate Production Value by Region (2021-2032)
 - 1.3.2 World Gadolinium Zirconate Production by Region (2021-2032)
 - 1.3.3 World Gadolinium Zirconate Average Price by Region (2021-2032)
 - 1.3.4 North America Gadolinium Zirconate Production (2021-2032)
 - 1.3.5 Europe Gadolinium Zirconate Production (2021-2032)
 - 1.3.6 China Gadolinium Zirconate Production (2021-2032)
 - 1.3.7 Japan Gadolinium Zirconate Production (2021-2032)
 - 1.3.8 India Gadolinium Zirconate Production (2021-2032)
 - 1.3.9 Southeast Asia Gadolinium Zirconate Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Gadolinium Zirconate Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Gadolinium Zirconate Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Gadolinium Zirconate Demand (2021-2032)
- 2.2 World Gadolinium Zirconate Consumption by Region
 - 2.2.1 World Gadolinium Zirconate Consumption by Region (2021-2026)
 - 2.2.2 World Gadolinium Zirconate Consumption Forecast by Region (2027-2032)
- 2.3 United States Gadolinium Zirconate Consumption (2021-2032)
- 2.4 China Gadolinium Zirconate Consumption (2021-2032)
- 2.5 Europe Gadolinium Zirconate Consumption (2021-2032)
- 2.6 Japan Gadolinium Zirconate Consumption (2021-2032)
- 2.7 South Korea Gadolinium Zirconate Consumption (2021-2032)
- 2.8 ASEAN Gadolinium Zirconate Consumption (2021-2032)
- 2.9 India Gadolinium Zirconate Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Gadolinium Zirconate Production Value by Manufacturer (2021-2026)
- 3.2 World Gadolinium Zirconate Production by Manufacturer (2021-2026)
- 3.3 World Gadolinium Zirconate Average Price by Manufacturer (2021-2026)
- 3.4 Gadolinium Zirconate Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Gadolinium Zirconate Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Gadolinium Zirconate in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Gadolinium Zirconate in 2025
- 3.6 Gadolinium Zirconate Market: Overall Company Footprint Analysis
 - 3.6.1 Gadolinium Zirconate Market: Region Footprint
 - 3.6.2 Gadolinium Zirconate Market: Company Product Type Footprint
 - 3.6.3 Gadolinium Zirconate Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Gadolinium Zirconate Production Value Comparison
 - 4.1.1 United States VS China: Gadolinium Zirconate Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Gadolinium Zirconate Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Gadolinium Zirconate Production Comparison
 - 4.2.1 United States VS China: Gadolinium Zirconate Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Gadolinium Zirconate Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Gadolinium Zirconate Consumption Comparison
 - 4.3.1 United States VS China: Gadolinium Zirconate Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Gadolinium Zirconate Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Gadolinium Zirconate Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Gadolinium Zirconate Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Gadolinium Zirconate Production Value (2021-2026)

4.4.3 United States Based Manufacturers Gadolinium Zirconate Production (2021-2026)

4.5 China Based Gadolinium Zirconate Manufacturers and Market Share

4.5.1 China Based Gadolinium Zirconate Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Gadolinium Zirconate Production Value (2021-2026)

4.5.3 China Based Manufacturers Gadolinium Zirconate Production (2021-2026)

4.6 Rest of World Based Gadolinium Zirconate Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Gadolinium Zirconate Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Gadolinium Zirconate Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Gadolinium Zirconate Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Gadolinium Zirconate Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 E-Beam-PVD Grade

5.2.2 Air Plasma Spray Grade

5.2.3 Suspension Plasma Spray Grade

5.3 Market Segment by Type

5.3.1 World Gadolinium Zirconate Production by Type (2021-2032)

5.3.2 World Gadolinium Zirconate Production Value by Type (2021-2032)

5.3.3 World Gadolinium Zirconate Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PARTICLE SIZE

6.1 World Gadolinium Zirconate Market Size Overview by Particle Size: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Particle Size

6.2.1 Nano Grade (20–200 nm)

6.2.2 Submicron Grade (0.2–1 ?m)

- 6.2.3 Spray Grade (1–50 ?m)
- 6.2.4 Coarse Ceramic Grade (>50 ?m)

6.3 Market Segment by Particle Size

- 6.3.1 World Gadolinium Zirconate Production by Particle Size (2021-2032)
- 6.3.2 World Gadolinium Zirconate Production Value by Particle Size (2021-2032)
- 6.3.3 World Gadolinium Zirconate Average Price by Particle Size (2021-2032)

7 MARKET ANALYSIS BY APPLICATION

7.1 World Gadolinium Zirconate Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

- 7.2.1 Defense & Aerospace
- 7.2.2 Power & Energy System
- 7.2.3 Others

7.3 Market Segment by Application

- 7.3.1 World Gadolinium Zirconate Production by Application (2021-2032)
- 7.3.2 World Gadolinium Zirconate Production Value by Application (2021-2032)
- 7.3.3 World Gadolinium Zirconate Average Price by Application (2021-2032)

8 COMPANY PROFILES

8.1 American Elements (USA)

- 8.1.1 American Elements (USA) Details
- 8.1.2 American Elements (USA) Major Business
- 8.1.3 American Elements (USA) Gadolinium Zirconate Product and Services
- 8.1.4 American Elements (USA) Gadolinium Zirconate Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.1.5 American Elements (USA) Recent Developments/Updates
- 8.1.6 American Elements (USA) Competitive Strengths & Weaknesses

8.2 Oerlikon Metco (Switzerland)

- 8.2.1 Oerlikon Metco (Switzerland) Details
- 8.2.2 Oerlikon Metco (Switzerland) Major Business
- 8.2.3 Oerlikon Metco (Switzerland) Gadolinium Zirconate Product and Services
- 8.2.4 Oerlikon Metco (Switzerland) Gadolinium Zirconate Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.2.5 Oerlikon Metco (Switzerland) Recent Developments/Updates
- 8.2.6 Oerlikon Metco (Switzerland) Competitive Strengths & Weaknesses

8.3 CoorsTek (USA)

- 8.3.1 CoorsTek (USA) Details
- 8.3.2 CoorsTek (USA) Major Business
- 8.3.3 CoorsTek (USA) Gadolinium Zirconate Product and Services
- 8.3.4 CoorsTek (USA) Gadolinium Zirconate Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.3.5 CoorsTek (USA) Recent Developments/Updates
- 8.3.6 CoorsTek (USA) Competitive Strengths & Weaknesses
- 8.4 CeramTec (Germany)
 - 8.4.1 CeramTec (Germany) Details
 - 8.4.2 CeramTec (Germany) Major Business
 - 8.4.3 CeramTec (Germany) Gadolinium Zirconate Product and Services
 - 8.4.4 CeramTec (Germany) Gadolinium Zirconate Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.4.5 CeramTec (Germany) Recent Developments/Updates
 - 8.4.6 CeramTec (Germany) Competitive Strengths & Weaknesses
- 8.5 Morgan Advanced Materials (UK)
 - 8.5.1 Morgan Advanced Materials (UK) Details
 - 8.5.2 Morgan Advanced Materials (UK) Major Business
 - 8.5.3 Morgan Advanced Materials (UK) Gadolinium Zirconate Product and Services
 - 8.5.4 Morgan Advanced Materials (UK) Gadolinium Zirconate Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.5.5 Morgan Advanced Materials (UK) Recent Developments/Updates
 - 8.5.6 Morgan Advanced Materials (UK) Competitive Strengths & Weaknesses
- 8.6 IHI Corporation (Japan)
 - 8.6.1 IHI Corporation (Japan) Details
 - 8.6.2 IHI Corporation (Japan) Major Business
 - 8.6.3 IHI Corporation (Japan) Gadolinium Zirconate Product and Services
 - 8.6.4 IHI Corporation (Japan) Gadolinium Zirconate Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.6.5 IHI Corporation (Japan) Recent Developments/Updates
 - 8.6.6 IHI Corporation (Japan) Competitive Strengths & Weaknesses
- 8.7 Quanju New Materials (China)
 - 8.7.1 Quanju New Materials (China) Details
 - 8.7.2 Quanju New Materials (China) Major Business
 - 8.7.3 Quanju New Materials (China) Gadolinium Zirconate Product and Services
 - 8.7.4 Quanju New Materials (China) Gadolinium Zirconate Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.7.5 Quanju New Materials (China) Recent Developments/Updates
 - 8.7.6 Quanju New Materials (China) Competitive Strengths & Weaknesses

8.8 Hoganas (Sweden)

8.8.1 Hoganas (Sweden) Details

8.8.2 Hoganas (Sweden) Major Business

8.8.3 Hoganas (Sweden) Gadolinium Zirconate Product and Services

8.8.4 Hoganas (Sweden) Gadolinium Zirconate Production, Price, Value, Gross Margin and Market Share (2021-2026)

8.8.5 Hoganas (Sweden) Recent Developments/Updates

8.8.6 Hoganas (Sweden) Competitive Strengths & Weaknesses

9 INDUSTRY CHAIN ANALYSIS

9.1 Gadolinium Zirconate Industry Chain

9.2 Gadolinium Zirconate Upstream Analysis

9.2.1 Gadolinium Zirconate Core Raw Materials

9.2.2 Main Manufacturers of Gadolinium Zirconate Core Raw Materials

9.3 Midstream Analysis

9.4 Downstream Analysis

9.5 Gadolinium Zirconate Production Mode

9.6 Gadolinium Zirconate Procurement Model

9.7 Gadolinium Zirconate Industry Sales Model and Sales Channels

9.7.1 Gadolinium Zirconate Sales Model

9.7.2 Gadolinium Zirconate Typical Distributors

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology

11.2 Research Process and Data Source

11.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World FPGA PCIe Accelerator Card Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World FPGA PCIe Accelerator Card Production Value by Region (2021-2026) & (USD Million)
- Table 3. World FPGA PCIe Accelerator Card Production Value by Region (2027-2032) & (USD Million)
- Table 4. World FPGA PCIe Accelerator Card Production Value Market Share by Region (2021-2026)
- Table 5. World FPGA PCIe Accelerator Card Production Value Market Share by Region (2027-2032)
- Table 6. World FPGA PCIe Accelerator Card Production by Region (2021-2026) & (K Units)
- Table 7. World FPGA PCIe Accelerator Card Production by Region (2027-2032) & (K Units)
- Table 8. World FPGA PCIe Accelerator Card Production Market Share by Region (2021-2026)
- Table 9. World FPGA PCIe Accelerator Card Production Market Share by Region (2027-2032)
- Table 10. World FPGA PCIe Accelerator Card Average Price by Region (2021-2026) & (US\$/Unit)
- Table 11. World FPGA PCIe Accelerator Card Average Price by Region (2027-2032) & (US\$/Unit)
- Table 12. FPGA PCIe Accelerator Card Major Market Trends
- Table 13. World FPGA PCIe Accelerator Card Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World FPGA PCIe Accelerator Card Consumption by Region (2021-2026) & (K Units)
- Table 15. World FPGA PCIe Accelerator Card Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World FPGA PCIe Accelerator Card Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key FPGA PCIe Accelerator Card Producers in 2025
- Table 18. World FPGA PCIe Accelerator Card Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key FPGA PCIe Accelerator Card Producers in 2025

Table 20. World FPGA PCIe Accelerator Card Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global FPGA PCIe Accelerator Card Company Evaluation Quadrant

Table 22. World FPGA PCIe Accelerator Card Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and FPGA PCIe Accelerator Card Production Site of Key Manufacturer

Table 24. FPGA PCIe Accelerator Card Market: Company Product Type Footprint

Table 25. FPGA PCIe Accelerator Card Market: Company Product Application Footprint

Table 26. FPGA PCIe Accelerator Card Competitive Factors

Table 27. FPGA PCIe Accelerator Card New Entrant and Capacity Expansion Plans

Table 28. FPGA PCIe Accelerator Card Mergers & Acquisitions Activity

Table 29. United States VS China FPGA PCIe Accelerator Card Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China FPGA PCIe Accelerator Card Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China FPGA PCIe Accelerator Card Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based FPGA PCIe Accelerator Card Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers FPGA PCIe Accelerator Card Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers FPGA PCIe Accelerator Card Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers FPGA PCIe Accelerator Card Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers FPGA PCIe Accelerator Card Production Market Share (2021-2026)

Table 37. China Based FPGA PCIe Accelerator Card Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers FPGA PCIe Accelerator Card Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers FPGA PCIe Accelerator Card Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers FPGA PCIe Accelerator Card Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers FPGA PCIe Accelerator Card Production Market

Share (2021-2026)

Table 42. Rest of World Based FPGA PCIe Accelerator Card Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers FPGA PCIe Accelerator Card Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers FPGA PCIe Accelerator Card Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers FPGA PCIe Accelerator Card Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers FPGA PCIe Accelerator Card Production Market Share (2021-2026)

Table 47. World FPGA PCIe Accelerator Card Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World FPGA PCIe Accelerator Card Production by Type (2021-2026) & (K Units)

Table 49. World FPGA PCIe Accelerator Card Production by Type (2027-2032) & (K Units)

Table 50. World FPGA PCIe Accelerator Card Production Value by Type (2021-2026) & (USD Million)

Table 51. World FPGA PCIe Accelerator Card Production Value by Type (2027-2032) & (USD Million)

Table 52. World FPGA PCIe Accelerator Card Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World FPGA PCIe Accelerator Card Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World FPGA PCIe Accelerator Card Production Value by PCIe Card Size, (USD Million), 2021 & 2025 & 2032

Table 55. World FPGA PCIe Accelerator Card Production by PCIe Card Size (2021-2026) & (K Units)

Table 56. World FPGA PCIe Accelerator Card Production by PCIe Card Size (2027-2032) & (K Units)

Table 57. World FPGA PCIe Accelerator Card Production Value by PCIe Card Size (2021-2026) & (USD Million)

Table 58. World FPGA PCIe Accelerator Card Production Value by PCIe Card Size (2027-2032) & (USD Million)

Table 59. World FPGA PCIe Accelerator Card Average Price by PCIe Card Size (2021-2026) & (US\$/Unit)

Table 60. World FPGA PCIe Accelerator Card Average Price by PCIe Card Size (2027-2032) & (US\$/Unit)

Table 61. World FPGA PCIe Accelerator Card Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 62. World FPGA PCIe Accelerator Card Production by Application (2021-2026) & (K Units)

Table 63. World FPGA PCIe Accelerator Card Production by Application (2027-2032) & (K Units)

Table 64. World FPGA PCIe Accelerator Card Production Value by Application (2021-2026) & (USD Million)

Table 65. World FPGA PCIe Accelerator Card Production Value by Application (2027-2032) & (USD Million)

Table 66. World FPGA PCIe Accelerator Card Average Price by Application (2021-2026) & (US\$/Unit)

Table 67. World FPGA PCIe Accelerator Card Average Price by Application (2027-2032) & (US\$/Unit)

Table 68. AMD Basic Information, Manufacturing Base and Competitors

Table 69. AMD Major Business

Table 70. AMD FPGA PCIe Accelerator Card Product and Services

Table 71. AMD FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 72. AMD Recent Developments/Updates

Table 73. AMD Competitive Strengths & Weaknesses

Table 74. Intel Basic Information, Manufacturing Base and Competitors

Table 75. Intel Major Business

Table 76. Intel FPGA PCIe Accelerator Card Product and Services

Table 77. Intel FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Intel Recent Developments/Updates

Table 79. Intel Competitive Strengths & Weaknesses

Table 80. Molex Basic Information, Manufacturing Base and Competitors

Table 81. Molex Major Business

Table 82. Molex FPGA PCIe Accelerator Card Product and Services

Table 83. Molex FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 84. Molex Recent Developments/Updates

Table 85. Molex Competitive Strengths & Weaknesses

Table 86. Alpha Data Parallel Systems Basic Information, Manufacturing Base and Competitors

Table 87. Alpha Data Parallel Systems Major Business

Table 88. Alpha Data Parallel Systems FPGA PCIe Accelerator Card Product and

Services

Table 89. Alpha Data Parallel Systems FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 90. Alpha Data Parallel Systems Recent Developments/Updates

Table 91. Alpha Data Parallel Systems Competitive Strengths & Weaknesses

Table 92. Advantech Basic Information, Manufacturing Base and Competitors

Table 93. Advantech Major Business

Table 94. Advantech FPGA PCIe Accelerator Card Product and Services

Table 95. Advantech FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 96. Advantech Recent Developments/Updates

Table 97. Advantech Competitive Strengths & Weaknesses

Table 98. Korusys Basic Information, Manufacturing Base and Competitors

Table 99. Korusys Major Business

Table 100. Korusys FPGA PCIe Accelerator Card Product and Services

Table 101. Korusys FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 102. Korusys Recent Developments/Updates

Table 103. Korusys Competitive Strengths & Weaknesses

Table 104. Gidel Basic Information, Manufacturing Base and Competitors

Table 105. Gidel Major Business

Table 106. Gidel FPGA PCIe Accelerator Card Product and Services

Table 107. Gidel FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 108. Gidel Recent Developments/Updates

Table 109. Gidel Competitive Strengths & Weaknesses

Table 110. iWave Global Basic Information, Manufacturing Base and Competitors

Table 111. iWave Global Major Business

Table 112. iWave Global FPGA PCIe Accelerator Card Product and Services

Table 113. iWave Global FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 114. iWave Global Recent Developments/Updates

Table 115. iWave Global Competitive Strengths & Weaknesses

Table 116. Concurrent Real-Time Basic Information, Manufacturing Base and Competitors

Table 117. Concurrent Real-Time Major Business

Table 118. Concurrent Real-Time FPGA PCIe Accelerator Card Product and Services

Table 119. Concurrent Real-Time FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 120. Concurrent Real-Time Recent Developments/Updates

Table 121. Concurrent Real-Time Competitive Strengths & Weaknesses

Table 122. Hitek Systems Basic Information, Manufacturing Base and Competitors

Table 123. Hitek Systems Major Business

Table 124. Hitek Systems FPGA PCIe Accelerator Card Product and Services

Table 125. Hitek Systems FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 126. Hitek Systems Recent Developments/Updates

Table 127. Hitek Systems Competitive Strengths & Weaknesses

Table 128. PRO DESIGN Electronic GmbH Basic Information, Manufacturing Base and Competitors

Table 129. PRO DESIGN Electronic GmbH Major Business

Table 130. PRO DESIGN Electronic GmbH FPGA PCIe Accelerator Card Product and Services

Table 131. PRO DESIGN Electronic GmbH FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 132. PRO DESIGN Electronic GmbH Recent Developments/Updates

Table 133. PRO DESIGN Electronic GmbH Competitive Strengths & Weaknesses

Table 134. Silicom Basic Information, Manufacturing Base and Competitors

Table 135. Silicom Major Business

Table 136. Silicom FPGA PCIe Accelerator Card Product and Services

Table 137. Silicom FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 138. Silicom Recent Developments/Updates

Table 139. Silicom Competitive Strengths & Weaknesses

Table 140. Resnics (Shanghai) Technology Basic Information, Manufacturing Base and Competitors

Table 141. Resnics (Shanghai) Technology Major Business

Table 142. Resnics (Shanghai) Technology FPGA PCIe Accelerator Card Product and Services

Table 143. Resnics (Shanghai) Technology FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market

Share (2021-2026)

Table 144. Resnics (Shanghai) Technology Recent Developments/Updates

Table 145. Resnics (Shanghai) Technology Competitive Strengths & Weaknesses

Table 146. Hangzhou Flyslice Technology Basic Information, Manufacturing Base and Competitors

Table 147. Hangzhou Flyslice Technology Major Business

Table 148. Hangzhou Flyslice Technology FPGA PCIe Accelerator Card Product and Services

Table 149. Hangzhou Flyslice Technology FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 150. Hangzhou Flyslice Technology Recent Developments/Updates

Table 151. Hangzhou Flyslice Technology Competitive Strengths & Weaknesses

Table 152. Beijing TSINGETECH Basic Information, Manufacturing Base and Competitors

Table 153. Beijing TSINGETECH Major Business

Table 154. Beijing TSINGETECH FPGA PCIe Accelerator Card Product and Services

Table 155. Beijing TSINGETECH FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 156. Beijing TSINGETECH Recent Developments/Updates

Table 157. Beijing TSINGETECH Competitive Strengths & Weaknesses

Table 158. Beijing Dawning Information Industry Basic Information, Manufacturing Base and Competitors

Table 159. Beijing Dawning Information Industry Major Business

Table 160. Beijing Dawning Information Industry FPGA PCIe Accelerator Card Product and Services

Table 161. Beijing Dawning Information Industry FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 162. Beijing Dawning Information Industry Recent Developments/Updates

Table 163. Beijing Dawning Information Industry Competitive Strengths & Weaknesses

Table 164. Suzhou Zhongke Yihai Microelectronics Technology Basic Information, Manufacturing Base and Competitors

Table 165. Suzhou Zhongke Yihai Microelectronics Technology Major Business

Table 166. Suzhou Zhongke Yihai Microelectronics Technology FPGA PCIe Accelerator Card Product and Services

Table 167. Suzhou Zhongke Yihai Microelectronics Technology FPGA PCIe Accelerator Card Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross

Margin and Market Share (2021-2026)

Table 168. Suzhou Zhongke Yihai Microelectronics Technology Recent Developments/Updates

Table 169. Suzhou Zhongke Yihai Microelectronics Technology Competitive Strengths & Weaknesses

Table 170. Global Key Players of FPGA PCIe Accelerator Card Upstream (Raw Materials)

Table 171. Global FPGA PCIe Accelerator Card Typical Customers

Table 172. FPGA PCIe Accelerator Card Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. FPGA PCIe Accelerator Card Picture

Figure 2. World FPGA PCIe Accelerator Card Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World FPGA PCIe Accelerator Card Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World FPGA PCIe Accelerator Card Production (2021-2032) & (K Units)

Figure 5. World FPGA PCIe Accelerator Card Average Price (2021-2032) & (US\$/Unit)

Figure 6. World FPGA PCIe Accelerator Card Production Value Market Share by Region (2021-2032)

Figure 7. World FPGA PCIe Accelerator Card Production Market Share by Region (2021-2032)

Figure 8. North America FPGA PCIe Accelerator Card Production (2021-2032) & (K Units)

Figure 9. Europe FPGA PCIe Accelerator Card Production (2021-2032) & (K Units)

Figure 10. China FPGA PCIe Accelerator Card Production (2021-2032) & (K Units)

Figure 11. Japan FPGA PCIe Accelerator Card Production (2021-2032) & (K Units)

Figure 12. FPGA PCIe Accelerator Card Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World FPGA PCIe Accelerator Card Consumption (2021-2032) & (K Units)

Figure 15. World FPGA PCIe Accelerator Card Consumption Market Share by Region (2021-2032)

Figure 16. United States FPGA PCIe Accelerator Card Consumption (2021-2032) & (K Units)

Figure 17. China FPGA PCIe Accelerator Card Consumption (2021-2032) & (K Units)

Figure 18. Europe FPGA PCIe Accelerator Card Consumption (2021-2032) & (K Units)

Figure 19. Japan FPGA PCIe Accelerator Card Consumption (2021-2032) & (K Units)

Figure 20. South Korea FPGA PCIe Accelerator Card Consumption (2021-2032) & (K Units)

Figure 21. ASEAN FPGA PCIe Accelerator Card Consumption (2021-2032) & (K Units)

Figure 22. India FPGA PCIe Accelerator Card Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of FPGA PCIe Accelerator Card by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for FPGA PCIe Accelerator Card Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for FPGA PCIe Accelerator

Card Markets in 2025

Figure 26. United States VS China: FPGA PCIe Accelerator Card Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: FPGA PCIe Accelerator Card Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: FPGA PCIe Accelerator Card Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers FPGA PCIe Accelerator Card Production Market Share 2025

Figure 30. China Based Manufacturers FPGA PCIe Accelerator Card Production Market Share 2025

Figure 31. Rest of World Based Manufacturers FPGA PCIe Accelerator Card Production Market Share 2025

Figure 32. World FPGA PCIe Accelerator Card Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World FPGA PCIe Accelerator Card Production Value Market Share by Type in 2025

Figure 34. Programmable

Figure 35. Non-Programmable

Figure 36. World FPGA PCIe Accelerator Card Production Market Share by Type (2021-2032)

Figure 37. World FPGA PCIe Accelerator Card Production Value Market Share by Type (2021-2032)

Figure 38. World FPGA PCIe Accelerator Card Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. World FPGA PCIe Accelerator Card Production Value by PCIe Card Size, (USD Million), 2021 & 2025 & 2032

Figure 40. World FPGA PCIe Accelerator Card Production Value Market Share by PCIe Card Size in 2025

Figure 41. Half-length, Half-height PCIe Card

Figure 42. Half-length, Full-height PCIe Card

Figure 43. World FPGA PCIe Accelerator Card Production Market Share by PCIe Card Size (2021-2032)

Figure 44. World FPGA PCIe Accelerator Card Production Value Market Share by PCIe Card Size (2021-2032)

Figure 45. World FPGA PCIe Accelerator Card Average Price by PCIe Card Size (2021-2032) & (US\$/Unit)

Figure 46. World FPGA PCIe Accelerator Card Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 47. World FPGA PCIe Accelerator Card Production Value Market Share by Application in 2025

Figure 48. Data Center

Figure 49. Finance

Figure 50. AIoT

Figure 51. Industrial Automation

Figure 52. Others

Figure 53. World FPGA PCIe Accelerator Card Production Market Share by Application (2021-2032)

Figure 54. World FPGA PCIe Accelerator Card Production Value Market Share by Application (2021-2032)

Figure 55. World FPGA PCIe Accelerator Card Average Price by Application (2021-2032) & (US\$/Unit)

Figure 56. FPGA PCIe Accelerator Card Industry Chain

Figure 57. FPGA PCIe Accelerator Card Procurement Model

Figure 58. FPGA PCIe Accelerator Card Sales Model

Figure 59. FPGA PCIe Accelerator Card Sales Channels, Direct Sales, and Distribution

Figure 60. Methodology

Figure 61. Research Process and Data Source

I would like to order

Product name: Global FPGA PCIe Accelerator Card Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G17E28BBDD99EN.html>

Price: US\$ 4,480.00 (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/G17E28BBDD99EN.html>