

Global Liquid Cooled GPU Server Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G8245A7CD61CEN.html

Date: September 2023

Pages: 115

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

ID: G8245A7CD61CEN

Abstracts

The global Liquid Cooled GPU Server market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

A liquid-cooled GPU server is a type of computer server that utilizes liquid cooling technology to manage the heat generated by powerful graphics processing units (GPUs). GPUs are designed to handle complex calculations and tasks related to graphics rendering, machine learning, scientific simulations, and more. However, these tasks can generate a significant amount of heat, which can impact performance and reliability if not effectively managed.

Traditional air cooling methods might not always be sufficient to keep the GPUs operating at optimal temperatures, especially in high-performance computing environments or data centers where servers are densely packed and generate a lot of heat. Liquid cooling offers a more efficient way to dissipate heat and maintain stable GPU performance.

This report studies the global Liquid Cooled GPU Server production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Liquid Cooled GPU Server, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Liquid Cooled GPU Server that contribute to its increasing demand across many markets.

Highlights and key features of the study



Global Liquid Cooled GPU Server total production and demand, 2018-2029, (K Units)

Global Liquid Cooled GPU Server total production value, 2018-2029, (USD Million)

Global Liquid Cooled GPU Server production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Liquid Cooled GPU Server consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Liquid Cooled GPU Server domestic production, consumption, key domestic manufacturers and share

Global Liquid Cooled GPU Server production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Liquid Cooled GPU Server production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Liquid Cooled GPU Server production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Liquid Cooled GPU Server 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 NVIDIA, Supermicro, Dell Technologies, HPE, Lenovo, Penguin Computing, Atos, Inspur and GIGABYTE, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Liquid Cooled GPU Server 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Liquid Cooled GPU Server Market, By Region:		
l	United States	
(China	
I	Europe	
	Japan	
;	South Korea	
,	ASEAN	
ı	ndia	
I	Rest of World	
Global Liquid Cooled GPU Server Market, Segmentation by Type		
	1U Servers	
2	2U Servers	
2	4U Servers	
Global Liquid Cooled GPU Server Market, Segmentation by Application		
(Commercial	
I	ndustrial	

Others





Key Questions Answered

1. How big is the global Liquid Cooled GPU Server market?



- 2. What is the demand of the global Liquid Cooled GPU Server market?
- 3. What is the year over year growth of the global Liquid Cooled GPU Server market?
- 4. What is the production and production value of the global Liquid Cooled GPU Server market?
- 5. Who are the key producers in the global Liquid Cooled GPU Server market?
- 6. What are the growth factors driving the market demand?



Contents

1 SUPPLY SUMMARY

- 1.1 Liquid Cooled GPU Server Introduction
- 1.2 World Liquid Cooled GPU Server Supply & Forecast
 - 1.2.1 World Liquid Cooled GPU Server Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Liquid Cooled GPU Server Production (2018-2029)
- 1.2.3 World Liquid Cooled GPU Server Pricing Trends (2018-2029)
- 1.3 World Liquid Cooled GPU Server Production by Region (Based on Production Site)
 - 1.3.1 World Liquid Cooled GPU Server Production Value by Region (2018-2029)
 - 1.3.2 World Liquid Cooled GPU Server Production by Region (2018-2029)
 - 1.3.3 World Liquid Cooled GPU Server Average Price by Region (2018-2029)
 - 1.3.4 North America Liquid Cooled GPU Server Production (2018-2029)
- 1.3.5 Europe Liquid Cooled GPU Server Production (2018-2029)
- 1.3.6 China Liquid Cooled GPU Server Production (2018-2029)
- 1.3.7 Japan Liquid Cooled GPU Server Production (2018-2029)
- 1.3.8 South Korea Liquid Cooled GPU Server Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
- 1.4.1 Liquid Cooled GPU Server Market Drivers
- 1.4.2 Factors Affecting Demand
- 1.4.3 Liquid Cooled GPU Server Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Liquid Cooled GPU Server Demand (2018-2029)
- 2.2 World Liquid Cooled GPU Server Consumption by Region
 - 2.2.1 World Liquid Cooled GPU Server Consumption by Region (2018-2023)
 - 2.2.2 World Liquid Cooled GPU Server Consumption Forecast by Region (2024-2029)
- 2.3 United States Liquid Cooled GPU Server Consumption (2018-2029)
- 2.4 China Liquid Cooled GPU Server Consumption (2018-2029)
- 2.5 Europe Liquid Cooled GPU Server Consumption (2018-2029)
- 2.6 Japan Liquid Cooled GPU Server Consumption (2018-2029)
- 2.7 South Korea Liquid Cooled GPU Server Consumption (2018-2029)
- 2.8 ASEAN Liquid Cooled GPU Server Consumption (2018-2029)
- 2.9 India Liquid Cooled GPU Server Consumption (2018-2029)



3 WORLD LIQUID COOLED GPU SERVER MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Liquid Cooled GPU Server Production Value by Manufacturer (2018-2023)
- 3.2 World Liquid Cooled GPU Server Production by Manufacturer (2018-2023)
- 3.3 World Liquid Cooled GPU Server Average Price by Manufacturer (2018-2023)
- 3.4 Liquid Cooled GPU Server Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Liquid Cooled GPU Server Industry Rank of Major Manufacturers
- 3.5.2 Global Concentration Ratios (CR4) for Liquid Cooled GPU Server in 2022
- 3.5.3 Global Concentration Ratios (CR8) for Liquid Cooled GPU Server in 2022
- 3.6 Liquid Cooled GPU Server Market: Overall Company Footprint Analysis
- 3.6.1 Liquid Cooled GPU Server Market: Region Footprint
- 3.6.2 Liquid Cooled GPU Server Market: Company Product Type Footprint
- 3.6.3 Liquid Cooled GPU Server 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: Liquid Cooled GPU Server Production Value Comparison
- 4.1.1 United States VS China: Liquid Cooled GPU Server Production Value Comparison (2018 & 2022 & 2029)
- 4.1.2 United States VS China: Liquid Cooled GPU Server Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Liquid Cooled GPU Server Production Comparison
- 4.2.1 United States VS China: Liquid Cooled GPU Server Production Comparison (2018 & 2022 & 2029)
- 4.2.2 United States VS China: Liquid Cooled GPU Server Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Liquid Cooled GPU Server Consumption Comparison
- 4.3.1 United States VS China: Liquid Cooled GPU Server Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Liquid Cooled GPU Server Consumption Market Share



Comparison (2018 & 2022 & 2029)

- 4.4 United States Based Liquid Cooled GPU Server Manufacturers and Market Share, 2018-2023
- 4.4.1 United States Based Liquid Cooled GPU Server Manufacturers, Headquarters and Production Site (States, Country)
- 4.4.2 United States Based Manufacturers Liquid Cooled GPU Server Production Value (2018-2023)
- 4.4.3 United States Based Manufacturers Liquid Cooled GPU Server Production (2018-2023)
- 4.5 China Based Liquid Cooled GPU Server Manufacturers and Market Share
- 4.5.1 China Based Liquid Cooled GPU Server Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers Liquid Cooled GPU Server Production Value (2018-2023)
- 4.5.3 China Based Manufacturers Liquid Cooled GPU Server Production (2018-2023)
- 4.6 Rest of World Based Liquid Cooled GPU Server Manufacturers and Market Share, 2018-2023
- 4.6.1 Rest of World Based Liquid Cooled GPU Server Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers Liquid Cooled GPU Server Production Value (2018-2023)
- 4.6.3 Rest of World Based Manufacturers Liquid Cooled GPU Server Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

- 5.1 World Liquid Cooled GPU Server Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
 - 5.2.1 1U Servers
 - 5.2.2 2U Servers
 - 5.2.3 4U Servers
- 5.3 Market Segment by Type
 - 5.3.1 World Liquid Cooled GPU Server Production by Type (2018-2029)
 - 5.3.2 World Liquid Cooled GPU Server Production Value by Type (2018-2029)
 - 5.3.3 World Liquid Cooled GPU Server Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION



- 6.1 World Liquid Cooled GPU Server Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
 - 6.2.1 Commercial
 - 6.2.2 Industrial
 - 6.2.3 Others
- 6.3 Market Segment by Application
 - 6.3.1 World Liquid Cooled GPU Server Production by Application (2018-2029)
 - 6.3.2 World Liquid Cooled GPU Server Production Value by Application (2018-2029)
 - 6.3.3 World Liquid Cooled GPU Server Average Price by Application (2018-2029)

7 COMPANY PROFILES

- 7.1 NVIDIA
 - 7.1.1 NVIDIA Details
 - 7.1.2 NVIDIA Major Business
 - 7.1.3 NVIDIA Liquid Cooled GPU Server Product and Services
- 7.1.4 NVIDIA Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.1.5 NVIDIA Recent Developments/Updates
 - 7.1.6 NVIDIA Competitive Strengths & Weaknesses
- 7.2 Supermicro
 - 7.2.1 Supermicro Details
 - 7.2.2 Supermicro Major Business
 - 7.2.3 Supermicro Liquid Cooled GPU Server Product and Services
- 7.2.4 Supermicro Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.2.5 Supermicro Recent Developments/Updates
 - 7.2.6 Supermicro Competitive Strengths & Weaknesses
- 7.3 Dell Technologies
 - 7.3.1 Dell Technologies Details
 - 7.3.2 Dell Technologies Major Business
 - 7.3.3 Dell Technologies Liquid Cooled GPU Server Product and Services
- 7.3.4 Dell Technologies Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.3.5 Dell Technologies Recent Developments/Updates
 - 7.3.6 Dell Technologies Competitive Strengths & Weaknesses
- **7.4 HPE**
- 7.4.1 HPE Details



- 7.4.2 HPE Major Business
- 7.4.3 HPE Liquid Cooled GPU Server Product and Services
- 7.4.4 HPE Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 HPE Recent Developments/Updates
 - 7.4.6 HPE Competitive Strengths & Weaknesses
- 7.5 Lenovo
 - 7.5.1 Lenovo Details
 - 7.5.2 Lenovo Major Business
 - 7.5.3 Lenovo Liquid Cooled GPU Server Product and Services
- 7.5.4 Lenovo Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Lenovo Recent Developments/Updates
 - 7.5.6 Lenovo Competitive Strengths & Weaknesses
- 7.6 Penguin Computing
 - 7.6.1 Penguin Computing Details
 - 7.6.2 Penguin Computing Major Business
 - 7.6.3 Penguin Computing Liquid Cooled GPU Server Product and Services
- 7.6.4 Penguin Computing Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Penguin Computing Recent Developments/Updates
 - 7.6.6 Penguin Computing Competitive Strengths & Weaknesses
- 7.7 Atos
 - 7.7.1 Atos Details
 - 7.7.2 Atos Major Business
 - 7.7.3 Atos Liquid Cooled GPU Server Product and Services
- 7.7.4 Atos Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Atos Recent Developments/Updates
 - 7.7.6 Atos Competitive Strengths & Weaknesses
- 7.8 Inspur
 - 7.8.1 Inspur Details
 - 7.8.2 Inspur Major Business
 - 7.8.3 Inspur Liquid Cooled GPU Server Product and Services
- 7.8.4 Inspur Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Inspur Recent Developments/Updates
 - 7.8.6 Inspur Competitive Strengths & Weaknesses
- 7.9 GIGABYTE



- 7.9.1 GIGABYTE Details
- 7.9.2 GIGABYTE Major Business
- 7.9.3 GIGABYTE Liquid Cooled GPU Server Product and Services
- 7.9.4 GIGABYTE Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 GIGABYTE Recent Developments/Updates
 - 7.9.6 GIGABYTE Competitive Strengths & Weaknesses
- 7.10 Advantech
 - 7.10.1 Advantech Details
 - 7.10.2 Advantech Major Business
 - 7.10.3 Advantech Liquid Cooled GPU Server Product and Services
- 7.10.4 Advantech Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Advantech Recent Developments/Updates
 - 7.10.6 Advantech Competitive Strengths & Weaknesses
- 7.11 Inventec Corporation
 - 7.11.1 Inventec Corporation Details
 - 7.11.2 Inventec Corporation Major Business
 - 7.11.3 Inventec Corporation Liquid Cooled GPU Server Product and Services
 - 7.11.4 Inventec Corporation Liquid Cooled GPU Server Production, Price, Value,

Gross Margin and Market Share (2018-2023)

- 7.11.5 Inventec Corporation Recent Developments/Updates
- 7.11.6 Inventec Corporation Competitive Strengths & Weaknesses
- 7.12 Quanta Cloud Technology (QCT)
 - 7.12.1 Quanta Cloud Technology (QCT) Details
 - 7.12.2 Quanta Cloud Technology (QCT) Major Business
- 7.12.3 Quanta Cloud Technology (QCT) Liquid Cooled GPU Server Product and Services
- 7.12.4 Quanta Cloud Technology (QCT) Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Quanta Cloud Technology (QCT) Recent Developments/Updates
 - 7.12.6 Quanta Cloud Technology (QCT) Competitive Strengths & Weaknesses
- 7.13 AMAX Information Technologies
 - 7.13.1 AMAX Information Technologies Details
 - 7.13.2 AMAX Information Technologies Major Business
- 7.13.3 AMAX Information Technologies Liquid Cooled GPU Server Product and Services
- 7.13.4 AMAX Information Technologies Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)



- 7.13.5 AMAX Information Technologies Recent Developments/Updates
- 7.13.6 AMAX Information Technologies Competitive Strengths & Weaknesses

7.14 EK

- 7.14.1 EK Details
- 7.14.2 EK Major Business
- 7.14.3 EK Liquid Cooled GPU Server Product and Services
- 7.14.4 EK Liquid Cooled GPU Server Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.14.5 EK Recent Developments/Updates
 - 7.14.6 EK Competitive Strengths & Weaknesses
- 7.15 xFusion Digital Technologies
 - 7.15.1 xFusion Digital Technologies Details
 - 7.15.2 xFusion Digital Technologies Major Business
 - 7.15.3 xFusion Digital Technologies Liquid Cooled GPU Server Product and Services
 - 7.15.4 xFusion Digital Technologies Liquid Cooled GPU Server Production, Price,

Value, Gross Margin and Market Share (2018-2023)

- 7.15.5 xFusion Digital Technologies Recent Developments/Updates
- 7.15.6 xFusion Digital Technologies Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Liquid Cooled GPU Server Industry Chain
- 8.2 Liquid Cooled GPU Server Upstream Analysis
 - 8.2.1 Liquid Cooled GPU Server Core Raw Materials
 - 8.2.2 Main Manufacturers of Liquid Cooled GPU Server Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Liquid Cooled GPU Server Production Mode
- 8.6 Liquid Cooled GPU Server Procurement Model
- 8.7 Liquid Cooled GPU Server Industry Sales Model and Sales Channels
 - 8.7.1 Liquid Cooled GPU Server Sales Model
 - 8.7.2 Liquid Cooled GPU Server Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology



- 10.2 Research Process and Data Source
- 10.3 Disclaimer



List Of Tables

LIST OF TABLES

- Table 1. World Liquid Cooled GPU Server Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World Liquid Cooled GPU Server Production Value by Region (2018-2023) & (USD Million)
- Table 3. World Liquid Cooled GPU Server Production Value by Region (2024-2029) & (USD Million)
- Table 4. World Liquid Cooled GPU Server Production Value Market Share by Region (2018-2023)
- Table 5. World Liquid Cooled GPU Server Production Value Market Share by Region (2024-2029)
- Table 6. World Liquid Cooled GPU Server Production by Region (2018-2023) & (K Units)
- Table 7. World Liquid Cooled GPU Server Production by Region (2024-2029) & (K Units)
- Table 8. World Liquid Cooled GPU Server Production Market Share by Region (2018-2023)
- Table 9. World Liquid Cooled GPU Server Production Market Share by Region (2024-2029)
- Table 10. World Liquid Cooled GPU Server Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World Liquid Cooled GPU Server Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. Liquid Cooled GPU Server Major Market Trends
- Table 13. World Liquid Cooled GPU Server Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)
- Table 14. World Liquid Cooled GPU Server Consumption by Region (2018-2023) & (K Units)
- Table 15. World Liquid Cooled GPU Server Consumption Forecast by Region (2024-2029) & (K Units)
- Table 16. World Liquid Cooled GPU Server Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key Liquid Cooled GPU Server Producers in 2022
- Table 18. World Liquid Cooled GPU Server Production by Manufacturer (2018-2023) & (K Units)



Table 19. Production Market Share of Key Liquid Cooled GPU Server Producers in 2022

Table 20. World Liquid Cooled GPU Server Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Liquid Cooled GPU Server Company Evaluation Quadrant

Table 22. World Liquid Cooled GPU Server Industry Rank of Major Manufacturers,

Based on Production Value in 2022

Table 23. Head Office and Liquid Cooled GPU Server Production Site of Key Manufacturer

Table 24. Liquid Cooled GPU Server Market: Company Product Type Footprint

Table 25. Liquid Cooled GPU Server Market: Company Product Application Footprint

Table 26. Liquid Cooled GPU Server Competitive Factors

Table 27. Liquid Cooled GPU Server New Entrant and Capacity Expansion Plans

Table 28. Liquid Cooled GPU Server Mergers & Acquisitions Activity

Table 29. United States VS China Liquid Cooled GPU Server Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Liquid Cooled GPU Server Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Liquid Cooled GPU Server Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Liquid Cooled GPU Server Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Liquid Cooled GPU Server Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Liquid Cooled GPU Server Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Liquid Cooled GPU Server Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Liquid Cooled GPU Server Production Market Share (2018-2023)

Table 37. China Based Liquid Cooled GPU Server Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Liquid Cooled GPU Server Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Liquid Cooled GPU Server Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Liquid Cooled GPU Server Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Liquid Cooled GPU Server Production Market



Share (2018-2023)

Table 42. Rest of World Based Liquid Cooled GPU Server Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Liquid Cooled GPU Server Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Liquid Cooled GPU Server Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Liquid Cooled GPU Server Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Liquid Cooled GPU Server Production Market Share (2018-2023)

Table 47. World Liquid Cooled GPU Server Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Liquid Cooled GPU Server Production by Type (2018-2023) & (K Units)

Table 49. World Liquid Cooled GPU Server Production by Type (2024-2029) & (K Units)

Table 50. World Liquid Cooled GPU Server Production Value by Type (2018-2023) & (USD Million)

Table 51. World Liquid Cooled GPU Server Production Value by Type (2024-2029) & (USD Million)

Table 52. World Liquid Cooled GPU Server Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Liquid Cooled GPU Server Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Liquid Cooled GPU Server Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Liquid Cooled GPU Server Production by Application (2018-2023) & (K Units)

Table 56. World Liquid Cooled GPU Server Production by Application (2024-2029) & (K Units)

Table 57. World Liquid Cooled GPU Server Production Value by Application (2018-2023) & (USD Million)

Table 58. World Liquid Cooled GPU Server Production Value by Application (2024-2029) & (USD Million)

Table 59. World Liquid Cooled GPU Server Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Liquid Cooled GPU Server Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. NVIDIA Basic Information, Manufacturing Base and Competitors

Table 62. NVIDIA Major Business



- Table 63. NVIDIA Liquid Cooled GPU Server Product and Services
- Table 64. NVIDIA Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

- Table 65. NVIDIA Recent Developments/Updates
- Table 66. NVIDIA Competitive Strengths & Weaknesses
- Table 67. Supermicro Basic Information, Manufacturing Base and Competitors
- Table 68. Supermicro Major Business
- Table 69. Supermicro Liquid Cooled GPU Server Product and Services
- Table 70. Supermicro Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

- Table 71. Supermicro Recent Developments/Updates
- Table 72. Supermicro Competitive Strengths & Weaknesses
- Table 73. Dell Technologies Basic Information, Manufacturing Base and Competitors
- Table 74. Dell Technologies Major Business
- Table 75. Dell Technologies Liquid Cooled GPU Server Product and Services
- Table 76. Dell Technologies Liquid Cooled GPU Server Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Dell Technologies Recent Developments/Updates
- Table 78. Dell Technologies Competitive Strengths & Weaknesses
- Table 79. HPE Basic Information, Manufacturing Base and Competitors
- Table 80. HPE Major Business
- Table 81. HPE Liquid Cooled GPU Server Product and Services
- Table 82. HPE Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

- Table 83. HPE Recent Developments/Updates
- Table 84. HPE Competitive Strengths & Weaknesses
- Table 85. Lenovo Basic Information, Manufacturing Base and Competitors
- Table 86. Lenovo Major Business
- Table 87. Lenovo Liquid Cooled GPU Server Product and Services
- Table 88. Lenovo Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

- Table 89. Lenovo Recent Developments/Updates
- Table 90. Lenovo Competitive Strengths & Weaknesses
- Table 91. Penguin Computing Basic Information, Manufacturing Base and Competitors
- Table 92. Penguin Computing Major Business
- Table 93. Penguin Computing Liquid Cooled GPU Server Product and Services
- Table 94. Penguin Computing Liquid Cooled GPU Server Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share



(2018-2023)

Table 95. Penguin Computing Recent Developments/Updates

Table 96. Penguin Computing Competitive Strengths & Weaknesses

Table 97. Atos Basic Information, Manufacturing Base and Competitors

Table 98. Atos Major Business

Table 99. Atos Liquid Cooled GPU Server Product and Services

Table 100. Atos Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Atos Recent Developments/Updates

Table 102. Atos Competitive Strengths & Weaknesses

Table 103. Inspur Basic Information, Manufacturing Base and Competitors

Table 104. Inspur Major Business

Table 105. Inspur Liquid Cooled GPU Server Product and Services

Table 106. Inspur Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Inspur Recent Developments/Updates

Table 108. Inspur Competitive Strengths & Weaknesses

Table 109. GIGABYTE Basic Information, Manufacturing Base and Competitors

Table 110. GIGABYTE Major Business

Table 111. GIGABYTE Liquid Cooled GPU Server Product and Services

Table 112. GIGABYTE Liquid Cooled GPU Server Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. GIGABYTE Recent Developments/Updates

Table 114. GIGABYTE Competitive Strengths & Weaknesses

Table 115. Advantech Basic Information, Manufacturing Base and Competitors

Table 116. Advantech Major Business

Table 117. Advantech Liquid Cooled GPU Server Product and Services

Table 118. Advantech Liquid Cooled GPU Server Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Advantech Recent Developments/Updates

Table 120. Advantech Competitive Strengths & Weaknesses

Table 121. Inventec Corporation Basic Information, Manufacturing Base and Competitors

Table 122. Inventec Corporation Major Business

Table 123. Inventec Corporation Liquid Cooled GPU Server Product and Services

Table 124. Inventec Corporation Liquid Cooled GPU Server Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share



(2018-2023)

Table 125. Inventec Corporation Recent Developments/Updates

Table 126. Inventec Corporation Competitive Strengths & Weaknesses

Table 127. Quanta Cloud Technology (QCT) Basic Information, Manufacturing Base and Competitors

Table 128. Quanta Cloud Technology (QCT) Major Business

Table 129. Quanta Cloud Technology (QCT) Liquid Cooled GPU Server Product and Services

Table 130. Quanta Cloud Technology (QCT) Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Quanta Cloud Technology (QCT) Recent Developments/Updates

Table 132. Quanta Cloud Technology (QCT) Competitive Strengths & Weaknesses

Table 133. AMAX Information Technologies Basic Information, Manufacturing Base and Competitors

Table 134. AMAX Information Technologies Major Business

Table 135. AMAX Information Technologies Liquid Cooled GPU Server Product and Services

Table 136. AMAX Information Technologies Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. AMAX Information Technologies Recent Developments/Updates

Table 138. AMAX Information Technologies Competitive Strengths & Weaknesses

Table 139. EK Basic Information, Manufacturing Base and Competitors

Table 140. EK Major Business

Table 141. EK Liquid Cooled GPU Server Product and Services

Table 142. EK Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. EK Recent Developments/Updates

Table 144. xFusion Digital Technologies Basic Information, Manufacturing Base and Competitors

Table 145. xFusion Digital Technologies Major Business

Table 146. xFusion Digital Technologies Liquid Cooled GPU Server Product and Services

Table 147. xFusion Digital Technologies Liquid Cooled GPU Server Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 148. Global Key Players of Liquid Cooled GPU Server Upstream (Raw Materials)

Table 149. Liquid Cooled GPU Server Typical Customers



Table 150. Liquid Cooled GPU Server Typical Distributors

List of Figure

Figure 1. Liquid Cooled GPU Server Picture

Figure 2. World Liquid Cooled GPU Server Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Liquid Cooled GPU Server Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Liquid Cooled GPU Server Production (2018-2029) & (K Units)

Figure 5. World Liquid Cooled GPU Server Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Liquid Cooled GPU Server Production Value Market Share by Region (2018-2029)

Figure 7. World Liquid Cooled GPU Server Production Market Share by Region (2018-2029)

Figure 8. North America Liquid Cooled GPU Server Production (2018-2029) & (K Units)

Figure 9. Europe Liquid Cooled GPU Server Production (2018-2029) & (K Units)

Figure 10. China Liquid Cooled GPU Server Production (2018-2029) & (K Units)

Figure 11. Japan Liquid Cooled GPU Server Production (2018-2029) & (K Units)

Figure 12. South Korea Liquid Cooled GPU Server Production (2018-2029) & (K Units)

Figure 13. Liquid Cooled GPU Server Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Liquid Cooled GPU Server Consumption (2018-2029) & (K Units)

Figure 16. World Liquid Cooled GPU Server Consumption Market Share by Region (2018-2029)

Figure 17. United States Liquid Cooled GPU Server Consumption (2018-2029) & (K Units)

Figure 18. China Liquid Cooled GPU Server Consumption (2018-2029) & (K Units)

Figure 19. Europe Liquid Cooled GPU Server Consumption (2018-2029) & (K Units)

Figure 20. Japan Liquid Cooled GPU Server Consumption (2018-2029) & (K Units)

Figure 21. South Korea Liquid Cooled GPU Server Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Liquid Cooled GPU Server Consumption (2018-2029) & (K Units)

Figure 23. India Liquid Cooled GPU Server Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Liquid Cooled GPU Server by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Liquid Cooled GPU Server Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Liquid Cooled GPU Server Markets in 2022

Figure 27. United States VS China: Liquid Cooled GPU Server Production Value Market



Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Liquid Cooled GPU Server Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Liquid Cooled GPU Server Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Liquid Cooled GPU Server Production Market Share 2022

Figure 31. China Based Manufacturers Liquid Cooled GPU Server Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Liquid Cooled GPU Server Production Market Share 2022

Figure 33. World Liquid Cooled GPU Server Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Liquid Cooled GPU Server Production Value Market Share by Type in 2022

Figure 35. 1U Servers

Figure 36. 2U Servers

Figure 37. 4U Servers

Figure 38. World Liquid Cooled GPU Server Production Market Share by Type (2018-2029)

Figure 39. World Liquid Cooled GPU Server Production Value Market Share by Type (2018-2029)

Figure 40. World Liquid Cooled GPU Server Average Price by Type (2018-2029) & (US\$/Unit)

Figure 41. World Liquid Cooled GPU Server Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World Liquid Cooled GPU Server Production Value Market Share by Application in 2022

Figure 43. Commercial

Figure 44. Industrial

Figure 45. Others

Figure 46. World Liquid Cooled GPU Server Production Market Share by Application (2018-2029)

Figure 47. World Liquid Cooled GPU Server Production Value Market Share by Application (2018-2029)

Figure 48. World Liquid Cooled GPU Server Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. Liquid Cooled GPU Server Industry Chain

Figure 50. Liquid Cooled GPU Server Procurement Model



Figure 51. Liquid Cooled GPU Server Sales Model

Figure 52. Liquid Cooled GPU Server Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source



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