+357 96 030922
info@marketpublishers.com

Global Direct Liquid Cooling (DLC) Cold Plates for Server Market Growth 2025-2031

https://marketpublishers.com/r/G272C977DBF4EN.html
Date: May 2025
Pages: 93
Price: US$ 3,660.00 (Single User License)
ID: G272C977DBF4EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Automotive Active Grille Shutters market size is predicted to grow from US$ 1755 million in 2025 to US$ 2722 million in 2031; it is expected to grow at a CAGR of 7.6% from 2025 to 2031.

Automotive active grille shutters are a system of automatically controlled louvers or vanes positioned in front of a vehicle's radiator. These shutters open and close to regulate airflow to the engine compartment. When cooling is needed, the shutters open to allow air to flow through the radiator. When cooling is not required, such as during warm-up or highway cruising, the shutters close to improve aerodynamics, reducing drag and improving fuel efficiency.

The trend in active grille shutter technology is focused on improving performance, expanding functionality, and reducing complexity. Key trends include: enhanced control algorithms that consider a wider range of parameters, such as engine temperature, vehicle speed, ambient temperature, and even driving style, for more precise airflow management; improved actuator designs for faster opening and closing times, as well as increased durability and reliability in harsh environments; integration with other vehicle systems, such as the climate control system and engine management system, for optimized overall vehicle performance; the use of lighter-weight materials, such as plastics and composites, to reduce weight and improve fuel efficiency; and the development of more compact designs to allow for greater styling flexibility. Furthermore, there's a growing emphasis on predictive control strategies that anticipate cooling needs based on navigation data or traffic conditions, enabling proactive shutter adjustments. The trend is also towards more sophisticated diagnostic capabilities,

+357 96 030922
info@marketpublishers.com

allowing for early detection of potential issues. This aligns with the automotive industry's focus on improving fuel economy, reducing emissions, and enhancing vehicle performance and aerodynamics.

The Automotive Active Grille Shutters (AGS) market is part of the larger trend toward increasing vehicle fuel efficiency, aerodynamics, and reducing emissions. Active grille shutters are a key component in improving the overall performance and efficiency of modern vehicles by optimizing airflow to the engine and cooling systems. These shutters adjust automatically depending on driving conditions, contributing to better fuel economy and reduced environmental impact. As the automotive industry focuses on innovation, fuel efficiency, and emission standards, the active grille shutters market is witnessing significant growth.

Fuel efficiency and CO2 emission reduction are among the top priorities for automakers due to stringent government regulations, especially in regions like the European Union, North America, and China.

Active grille shutters improve aerodynamics by controlling airflow to the engine and cooling systems, reducing drag and fuel consumption, particularly at high speeds. By optimizing airflow, they enhance vehicle performance and contribute to meeting emission reduction standards.

Regulatory frameworks such as Euro 6, CAFE (Corporate Average Fuel Economy) standards, and fuel economy regulations in various countries continue to encourage the adoption of AGS to improve vehicle efficiency.

LP Information, Inc. (LPI) ' newest research report, the “Automotive Active Grille Shutters Industry Forecast” looks at past sales and reviews total world Automotive Active Grille Shutters sales in 2024, providing a comprehensive analysis by region and market sector of projected Automotive Active Grille Shutters sales for 2025 through 2031. With Automotive Active Grille Shutters sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Automotive Active Grille Shutters industry.

This Insight Report provides a comprehensive analysis of the global Automotive Active Grille Shutters landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive Active Grille Shutters portfolios and capabilities, market entry strategies,

+357 96 030922
info@marketpublishers.com

market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Active Grille Shutters market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Active Grille Shutters and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive Active Grille Shutters.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Active Grille Shutters market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Visible Type

Non-Visible Type

Segmentation by Application:

Commercial Vehicle

Passenger Vehicle

This report also splits the market by region:

Americas

United States

Canada

Mexico

+357 96 030922
info@marketpublishers.com

- Brazil

APAC

- China
- Japan
- Korea
- Southeast Asia
- India
- Australia

Europe

- Germany
- France
- UK
- Italy
- Russia

Middle East & Africa

- Egypt
- South Africa
- Israel
- Turkey
- GCC Countries

+357 96 030922
info@marketpublishers.com

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Rochling

Valeo

Magna International

Wirthwein

SRG Global

Batz

HBPO GmbH

Techniplas

Brose Fahrzeugteile

STARLITE

Mirror Controls International

Huatong Automotive Molding

Tong Yang Group

Sonceboz

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Active Grille Shutters market?

+357 96 030922
info@marketpublishers.com

What factors are driving Automotive Active Grille Shutters market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Automotive Active Grille Shutters market opportunities vary by end market size?

How does Automotive Active Grille Shutters break out by Type, by Application?

+357 96 030922
info@marketpublishers.com

Contents

1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Annual Sales 2020-2031
  2.1.2 World Current & Future Analysis for Direct Liquid Cooling (DLC) Cold Plates for Server by Geographic Region, 2020, 2024 & 2031
  2.1.3 World Current & Future Analysis for Direct Liquid Cooling (DLC) Cold Plates for Server by Country/Region, 2020, 2024 & 2031
2.2 Direct Liquid Cooling (DLC) Cold Plates for Server Segment by Type
  2.2.1 Copper Type
  2.2.2 Copper+Aluminum Type
2.3 Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type
  2.3.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Type (2020-2025)
  2.3.2 Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue and Market Share by Type (2020-2025)
  2.3.3 Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale Price by Type (2020-2025)
2.4 Direct Liquid Cooling (DLC) Cold Plates for Server Segment by Application
  2.4.1 CPU
  2.4.2 GPU
  2.4.3 Others
2.5 Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Application
  2.5.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale Market Share by Application (2020-2025)

+357 96 030922
info@marketpublishers.com

2.5.2 Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue and Market Share by Application (2020-2025)
2.5.3 Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Breakdown Data by Company
3.1.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Annual Sales by Company (2020-2025)
3.1.2 Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Company (2020-2025)
3.2 Global Direct Liquid Cooling (DLC) Cold Plates for Server Annual Revenue by Company (2020-2025)
3.2.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Company (2020-2025)
3.2.2 Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Company (2020-2025)
3.3 Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale Price by Company
3.4 Key Manufacturers Direct Liquid Cooling (DLC) Cold Plates for Server Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Direct Liquid Cooling (DLC) Cold Plates for Server Product Location Distribution
3.4.2 Players Direct Liquid Cooling (DLC) Cold Plates for Server Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR DIRECT LIQUID COOLING (DLC) COLD PLATES FOR SERVER BY GEOGRAPHIC REGION

4.1 World Historic Direct Liquid Cooling (DLC) Cold Plates for Server Market Size by Geographic Region (2020-2025)
4.1.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Annual Sales by Geographic Region (2020-2025)
4.1.2 Global Direct Liquid Cooling (DLC) Cold Plates for Server Annual Revenue by

+357 96 030922
info@marketpublishers.com

Geographic Region (2020-2025)
4.2 World Historic Direct Liquid Cooling (DLC) Cold Plates for Server Market Size by Country/Region (2020-2025)
4.2.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Annual Sales by Country/Region (2020-2025)
4.2.2 Global Direct Liquid Cooling (DLC) Cold Plates for Server Annual Revenue by Country/Region (2020-2025)
4.3 Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales Growth
4.4 APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales Growth
4.5 Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales Growth
4.6 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales Growth

5 AMERICAS

5.1 Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Country
5.1.1 Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Country (2020-2025)
5.1.2 Americas Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Country (2020-2025)
5.2 Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type (2020-2025)
5.3 Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Application (2020-2025)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Region
6.1.1 APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Region (2020-2025)
6.1.2 APAC Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Region (2020-2025)
6.2 APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type (2020-2025)
6.3 APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Application

+357 96 030922
info@marketpublishers.com

(2020-2025)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe Direct Liquid Cooling (DLC) Cold Plates for Server by Country
7.1.1 Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Country (2020-2025)
7.1.2 Europe Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Country (2020-2025)
7.2 Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type (2020-2025)
7.3 Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Application (2020-2025)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server by Country
8.1.1 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Country (2020-2025)
8.1.2 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Country (2020-2025)
8.2 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type (2020-2025)
8.3 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Application (2020-2025)
8.4 Egypt
8.5 South Africa

+357 96 030922
info@marketpublishers.com

8.6 Israel
8.7 Turkey
8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of Direct Liquid Cooling (DLC) Cold Plates for Server
10.3 Manufacturing Process Analysis of Direct Liquid Cooling (DLC) Cold Plates for Server
10.4 Industry Chain Structure of Direct Liquid Cooling (DLC) Cold Plates for Server

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Direct Liquid Cooling (DLC) Cold Plates for Server Distributors
11.3 Direct Liquid Cooling (DLC) Cold Plates for Server Customer

12 WORLD FORECAST REVIEW FOR DIRECT LIQUID COOLING (DLC) COLD PLATES FOR SERVER BY GEOGRAPHIC REGION

12.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Market Size Forecast by Region
  12.1.1 Global Direct Liquid Cooling (DLC) Cold Plates for Server Forecast by Region (2026-2031)
  12.1.2 Global Direct Liquid Cooling (DLC) Cold Plates for Server Annual Revenue Forecast by Region (2026-2031)
12.2 Americas Forecast by Country (2026-2031)
12.3 APAC Forecast by Region (2026-2031)
12.4 Europe Forecast by Country (2026-2031)

+357 96 030922
info@marketpublishers.com

12.5 Middle East & Africa Forecast by Country (2026-2031)
12.6 Global Direct Liquid Cooling (DLC) Cold Plates for Server Forecast by Type (2026-2031)
12.7 Global Direct Liquid Cooling (DLC) Cold Plates for Server Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 AVC
  13.1.1 AVC Company Information
  13.1.2 AVC Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
  13.1.3 AVC Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)
  13.1.4 AVC Main Business Overview
  13.1.5 AVC Latest Developments
13.2 Auras
  13.2.1 Auras Company Information
  13.2.2 Auras Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
  13.2.3 Auras Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)
  13.2.4 Auras Main Business Overview
  13.2.5 Auras Latest Developments
13.3 Shenzhen Cotran New Material
  13.3.1 Shenzhen Cotran New Material Company Information
  13.3.2 Shenzhen Cotran New Material Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
  13.3.3 Shenzhen Cotran New Material Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)
  13.3.4 Shenzhen Cotran New Material Main Business Overview
  13.3.5 Shenzhen Cotran New Material Latest Developments
13.4 Shenzhen FRD
  13.4.1 Shenzhen FRD Company Information
  13.4.2 Shenzhen FRD Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
  13.4.3 Shenzhen FRD Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)
  13.4.4 Shenzhen FRD Main Business Overview

+357 96 030922
info@marketpublishers.com

13.4.5 Shenzhen FRD Latest Developments
13.5 Cooler Master
13.5.1 Cooler Master Company Information
13.5.2 Cooler Master Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
13.5.3 Cooler Master Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)
13.5.4 Cooler Master Main Business Overview
13.5.5 Cooler Master Latest Developments
13.6 CoolIT Systems
13.6.1 CoolIT Systems Company Information
13.6.2 CoolIT Systems Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
13.6.3 CoolIT Systems Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)
13.6.4 CoolIT Systems Main Business Overview
13.6.5 CoolIT Systems Latest Developments
13.7 Nidec
13.7.1 Nidec Company Information
13.7.2 Nidec Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
13.7.3 Nidec Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)
13.7.4 Nidec Main Business Overview
13.7.5 Nidec Latest Developments
13.8 Forcecon
13.8.1 Forcecon Company Information
13.8.2 Forcecon Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
13.8.3 Forcecon Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)
13.8.4 Forcecon Main Business Overview
13.8.5 Forcecon Latest Developments
13.9 Boyd
13.9.1 Boyd Company Information
13.9.2 Boyd Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
13.9.3 Boyd Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)

+357 96 030922
info@marketpublishers.com

13.9.4 Boyd Main Business Overview
13.9.5 Boyd Latest Developments
13.10 KENMEC
13.10.1 KENMEC Company Information
13.10.2 KENMEC Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
13.10.3 KENMEC Direct Liquid Cooling (DLC) Cold Plates for Server Sales, Revenue, Price and Gross Margin (2020-2025)
13.10.4 KENMEC Main Business Overview
13.10.5 KENMEC Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Direct Liquid Cooling (DLC) Cold Plates for Server Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & ($ millions)
Table 2. Direct Liquid Cooling (DLC) Cold Plates for Server Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & ($ millions)
Table 3. Major Players of Copper Type
Table 4. Major Players of Copper+Aluminum Type
Table 5. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type (2020-2025) & (K Units)
Table 6. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Type (2020-2025)
Table 7. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Type (2020-2025) & ($ million)
Table 8. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Type (2020-2025)
Table 9. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale Price by Type (2020-2025) & (US$/Unit)
Table 10. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale by Application (2020-2025) & (K Units)
Table 11. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale Market Share by Application (2020-2025)
Table 12. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Application (2020-2025) & ($ million)
Table 13. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Application (2020-2025)
Table 14. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale Price by Application (2020-2025) & (US$/Unit)
Table 15. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Company (2020-2025) & (K Units)
Table 16. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Company (2020-2025)
Table 17. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Company (2020-2025) & ($ millions)
Table 18. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Company (2020-2025)
Table 19. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale Price by

+357 96 030922
info@marketpublishers.com

Company (2020-2025) & (US$/Unit)
Table 20. Key Manufacturers Direct Liquid Cooling (DLC) Cold Plates for Server Producing Area Distribution and Sales Area
Table 21. Players Direct Liquid Cooling (DLC) Cold Plates for Server Products Offered
Table 22. Direct Liquid Cooling (DLC) Cold Plates for Server Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
Table 23. New Products and Potential Entrants
Table 24. Market M&A Activity & Strategy
Table 25. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Geographic Region (2020-2025) & (K Units)
Table 26. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share Geographic Region (2020-2025)
Table 27. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Geographic Region (2020-2025) & ($ millions)
Table 28. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Geographic Region (2020-2025)
Table 29. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Country/Region (2020-2025) & (K Units)
Table 30. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Country/Region (2020-2025)
Table 31. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Country/Region (2020-2025) & ($ millions)
Table 32. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Country/Region (2020-2025)
Table 33. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Country (2020-2025) & (K Units)
Table 34. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Country (2020-2025)
Table 35. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Country (2020-2025) & ($ millions)
Table 36. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type (2020-2025) & (K Units)
Table 37. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Application (2020-2025) & (K Units)
Table 38. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Region (2020-2025) & (K Units)
Table 39. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Region (2020-2025)
Table 40. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Region

+357 96 030922
info@marketpublishers.com

(2020-2025) & ($ millions)
Table 41. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type (2020-2025) & (K Units)
Table 42. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Application (2020-2025) & (K Units)
Table 43. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Country (2020-2025) & (K Units)
Table 44. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Country (2020-2025) & ($ millions)
Table 45. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type (2020-2025) & (K Units)
Table 46. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Application (2020-2025) & (K Units)
Table 47. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Country (2020-2025) & (K Units)
Table 48. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Country (2020-2025)
Table 49. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Type (2020-2025) & (K Units)
Table 50. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Application (2020-2025) & (K Units)
Table 51. Key Market Drivers & Growth Opportunities of Direct Liquid Cooling (DLC) Cold Plates for Server
Table 52. Key Market Challenges & Risks of Direct Liquid Cooling (DLC) Cold Plates for Server
Table 53. Key Industry Trends of Direct Liquid Cooling (DLC) Cold Plates for Server
Table 54. Direct Liquid Cooling (DLC) Cold Plates for Server Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. Direct Liquid Cooling (DLC) Cold Plates for Server Distributors List
Table 57. Direct Liquid Cooling (DLC) Cold Plates for Server Customer List
Table 58. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Forecast by Region (2026-2031) & (K Units)
Table 59. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Forecast by Region (2026-2031) & ($ millions)
Table 60. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales Forecast by Country (2026-2031) & (K Units)
Table 61. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Annual Revenue Forecast by Country (2026-2031) & ($ millions)
Table 62. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales Forecast by

+357 96 030922
info@marketpublishers.com

Region (2026-2031) & (K Units)
Table 63. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Annual Revenue Forecast by Region (2026-2031) & ($ millions)
Table 64. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales Forecast by Country (2026-2031) & (K Units)
Table 65. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Forecast by Country (2026-2031) & ($ millions)
Table 66. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales Forecast by Country (2026-2031) & (K Units)
Table 67. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Forecast by Country (2026-2031) & ($ millions)
Table 68. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Forecast by Type (2026-2031) & (K Units)
Table 69. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Forecast by Type (2026-2031) & ($ millions)
Table 70. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Forecast by Application (2026-2031) & (K Units)
Table 71. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Forecast by Application (2026-2031) & ($ millions)
Table 72. AVC Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors
Table 73. AVC Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
Table 74. AVC Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 75. AVC Main Business
Table 76. AVC Latest Developments
Table 77. Auras Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors
Table 78. Auras Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
Table 79. Auras Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 80. Auras Main Business
Table 81. Auras Latest Developments
Table 82. Shenzhen Cotran New Material Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors
Table 83. Shenzhen Cotran New Material Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications

+357 96 030922
info@marketpublishers.com

Table 84. Shenzhen Cotran New Material Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 85. Shenzhen Cotran New Material Main Business
Table 86. Shenzhen Cotran New Material Latest Developments
Table 87. Shenzhen FRD Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors
Table 88. Shenzhen FRD Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
Table 89. Shenzhen FRD Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 90. Shenzhen FRD Main Business
Table 91. Shenzhen FRD Latest Developments
Table 92. Cooler Master Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors
Table 93. Cooler Master Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
Table 94. Cooler Master Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 95. Cooler Master Main Business
Table 96. Cooler Master Latest Developments
Table 97. CoolIT Systems Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors
Table 98. CoolIT Systems Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
Table 99. CoolIT Systems Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 100. CoolIT Systems Main Business
Table 101. CoolIT Systems Latest Developments
Table 102. Nidec Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors
Table 103. Nidec Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
Table 104. Nidec Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 105. Nidec Main Business
Table 106. Nidec Latest Developments
Table 107. Forcecon Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors

+357 96 030922
info@marketpublishers.com

Table 108. Forcecon Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
Table 109. Forcecon Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 110. Forcecon Main Business
Table 111. Forcecon Latest Developments
Table 112. Boyd Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors
Table 113. Boyd Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
Table 114. Boyd Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 115. Boyd Main Business
Table 116. Boyd Latest Developments
Table 117. KENMEC Basic Information, Direct Liquid Cooling (DLC) Cold Plates for Server Manufacturing Base, Sales Area and Its Competitors
Table 118. KENMEC Direct Liquid Cooling (DLC) Cold Plates for Server Product Portfolios and Specifications
Table 119. KENMEC Direct Liquid Cooling (DLC) Cold Plates for Server Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 120. KENMEC Main Business
Table 121. KENMEC Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Direct Liquid Cooling (DLC) Cold Plates for Server
Figure 2. Direct Liquid Cooling (DLC) Cold Plates for Server Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Growth Rate 2020-2031 (K Units)
Figure 7. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth Rate 2020-2031 ($ millions)
Figure 8. Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Geographic Region (2020, 2024 & 2031) & ($ millions)
Figure 9. Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Country/Region (2024)
Figure 10. Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Country/Region (2020, 2024 & 2031)
Figure 11. Product Picture of Copper Type
Figure 12. Product Picture of Copper+Aluminum Type
Figure 13. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Type in 2025
Figure 14. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Type (2020-2025)
Figure 15. Direct Liquid Cooling (DLC) Cold Plates for Server Consumed in CPU
Figure 16. Global Direct Liquid Cooling (DLC) Cold Plates for Server Market: CPU (2020-2025) & (K Units)
Figure 17. Direct Liquid Cooling (DLC) Cold Plates for Server Consumed in GPU
Figure 18. Global Direct Liquid Cooling (DLC) Cold Plates for Server Market: GPU (2020-2025) & (K Units)
Figure 19. Direct Liquid Cooling (DLC) Cold Plates for Server Consumed in Others
Figure 20. Global Direct Liquid Cooling (DLC) Cold Plates for Server Market: Others (2020-2025) & (K Units)
Figure 21. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sale Market Share by Application (2024)
Figure 22. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Application in 2025
Figure 23. Direct Liquid Cooling (DLC) Cold Plates for Server Sales by Company in

+357 96 030922
info@marketpublishers.com

2025 (K Units)
Figure 24. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Company in 2025
Figure 25. Direct Liquid Cooling (DLC) Cold Plates for Server Revenue by Company in 2025 ($ millions)
Figure 26. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Company in 2025
Figure 27. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Geographic Region (2020-2025)
Figure 28. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Geographic Region in 2025
Figure 29. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales 2020-2025 (K Units)
Figure 30. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Revenue 2020-2025 ($ millions)
Figure 31. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales 2020-2025 (K Units)
Figure 32. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Revenue 2020-2025 ($ millions)
Figure 33. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales 2020-2025 (K Units)
Figure 34. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Revenue 2020-2025 ($ millions)
Figure 35. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales 2020-2025 (K Units)
Figure 36. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Revenue 2020-2025 ($ millions)
Figure 37. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Country in 2025
Figure 38. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Country (2020-2025)
Figure 39. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Type (2020-2025)
Figure 40. Americas Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Application (2020-2025)
Figure 41. United States Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 42. Canada Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 43. Mexico Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 44. Brazil Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 45. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Region in 2025
Figure 46. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Region (2020-2025)
Figure 47. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Type (2020-2025)
Figure 48. APAC Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Application (2020-2025)
Figure 49. China Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 50. Japan Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 51. South Korea Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 52. Southeast Asia Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 53. India Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 54. Australia Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 55. China Taiwan Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 56. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Country in 2025
Figure 57. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share by Country (2020-2025)
Figure 58. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Type (2020-2025)
Figure 59. Europe Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Application (2020-2025)
Figure 60. Germany Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 61. France Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 62. UK Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth

+357 96 030922
info@marketpublishers.com

2020-2025 ($ millions)
Figure 63. Italy Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 64. Russia Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 65. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Country (2020-2025)
Figure 66. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Type (2020-2025)
Figure 67. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share by Application (2020-2025)
Figure 68. Egypt Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 69. South Africa Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 70. Israel Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 71. Turkey Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 72. GCC Countries Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Growth 2020-2025 ($ millions)
Figure 73. Manufacturing Cost Structure Analysis of Direct Liquid Cooling (DLC) Cold Plates for Server in 2025
Figure 74. Manufacturing Process Analysis of Direct Liquid Cooling (DLC) Cold Plates for Server
Figure 75. Industry Chain Structure of Direct Liquid Cooling (DLC) Cold Plates for Server
Figure 76. Channels of Distribution
Figure 77. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Forecast by Region (2026-2031)
Figure 78. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share Forecast by Region (2026-2031)
Figure 79. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share Forecast by Type (2026-2031)
Figure 80. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market Share Forecast by Type (2026-2031)
Figure 81. Global Direct Liquid Cooling (DLC) Cold Plates for Server Sales Market Share Forecast by Application (2026-2031)
Figure 82. Global Direct Liquid Cooling (DLC) Cold Plates for Server Revenue Market

+357 96 030922
info@marketpublishers.com

Share Forecast by Application (2026-2031)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Direct Liquid Cooling (DLC) Cold Plates for Server Market Growth 2025-2031

Product link: https://marketpublishers.com/r/G272C977DBF4EN.html

Price: US$ 3,660.00 (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/G272C977DBF4EN.html