

Global Microchannel Cooling Plate Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G86FC4D2BB4DEN.html>

Date: April 2026

Pages: 120

Price: US\$ 3,480.00 (Single User License)

ID: G86FC4D2BB4DEN

Abstracts

According to our (Global Info Research) latest study, the global Microchannel Cooling Plate market size was valued at US\$ 5.33 million in 2025 and is forecast to a readjusted size of US\$ 14.91 million by 2032 with a CAGR of 15.8% during review period.

Microchannel Cooling Plate form the core structure of advanced microchannel liquid cooling plates by embedding an extremely dense network of microscale channels?ranging from tens to hundreds of micrometers wide and reaching hundreds to thousands of channels per square centimeter?directly beneath the cooling surface. These microscale channels dramatically increase surface area, thin the thermal boundary layer, and create a short heat-transfer path from the heat source to the coolant, resulting in far higher convective efficiency than conventional cold plates. Manufactured through precision techniques such as micromachining, additive manufacturing, laser micromilling, and diffusion bonding, MLCPs leverage microscale fluid dynamics rather than simply ?smaller channels,? enabling the dissipation of heat fluxes that traditional macroscopic cooling structures cannot achieve. The unit price of MLCP is approximately 3?7 times that of existing water-cooled plates. Currently, the threshold for mass production and the verification cycle are high.

The upstream and downstream industrial chain of Microchannel Cooling Plate is as follows: The upstream mainly revolves around raw materials and precision manufacturing, involving metal materials such as aluminum and copper, as well as suppliers that undertake microchannel precision processing (such as etching and 3D printing) and equipment manufacturing. This part is the key to the high cost due to the complexity of the process and the difficulty in controlling the yield. The midstream is the manufacturing and system integration of water-cooled plates. The downstream is highly

concentrated in the field of high power consumption heat dissipation needs, with AI servers as the primary application, driving the explosive growth of demand. At the same time, the technology is also penetrating into fields such as new energy vehicles and humanoid robots.

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

Key Features:

Global Microchannel Cooling Plate market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Microchannel Cooling Plate market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Microchannel Cooling Plate market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Microchannel Cooling Plate market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Microchannel Cooling Plate

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Microchannel Cooling Plate market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mikros Technologies, Auras Technology, Asia Vital Components, Jentech Precision Industrial, Guangzhou Goaland Energy Conservation Tech, Shenzhen Envicool Technology, Baknor, United Precision Technologies, JetCool, Changzhou Tenglong Auto Parts, etc.

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

Market Segmentation

Microchannel Cooling Plate market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Planar Microchannel Cooling Plate

3D Microchannel Cooling Plate

Market segment by Material

Aluminum

Copper

Market segment by Application

AI Servers

New Energy Vehicles

Low-altitude Aircraft

Humanoid Robots

Others

Major players covered

Mikros Technologies

Auras Technology

Asia Vital Components

Jentech Precision Industrial

Guangzhou Goaland Energy Conservation Tech

Shenzhen Envicool Technology

Baknor

United Precision Technologies

JetCool

Changzhou Tenglong Auto Parts

Lucky Harvest

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

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

Chapter 1, to describe Microchannel Cooling Plate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Microchannel Cooling Plate, with price, sales quantity, revenue, and global market share of Microchannel Cooling Plate from 2021 to 2026.

Chapter 3, the Microchannel Cooling Plate competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Microchannel Cooling Plate breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Microchannel Cooling Plate market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of Microchannel Cooling Plate.

Chapter 14 and 15, to describe Microchannel Cooling Plate sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Microchannel Cooling Plate Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Planar Microchannel Cooling Plate

1.3.3 3D Microchannel Cooling Plate

1.4 Market Analysis by Material

1.4.1 Overview: Global Microchannel Cooling Plate Consumption Value by Material: 2021 Versus 2025 Versus 2032

1.4.2 Aluminum

1.4.3 Copper

1.5 Market Analysis by Application

1.5.1 Overview: Global Microchannel Cooling Plate Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 AI Servers

1.5.3 New Energy Vehicles

1.5.4 Low-altitude Aircraft

1.5.5 Humanoid Robots

1.5.6 Others

1.6 Global Microchannel Cooling Plate Market Size & Forecast

1.6.1 Global Microchannel Cooling Plate Consumption Value (2021 & 2025 & 2032)

1.6.2 Global Microchannel Cooling Plate Sales Quantity (2021-2032)

1.6.3 Global Microchannel Cooling Plate Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Mikros Technologies

2.1.1 Mikros Technologies Details

2.1.2 Mikros Technologies Major Business

2.1.3 Mikros Technologies Microchannel Cooling Plate Product and Services

2.1.4 Mikros Technologies Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Mikros Technologies Recent Developments/Updates

2.2 Auras Technology

- 2.2.1 Auras Technology Details
- 2.2.2 Auras Technology Major Business
- 2.2.3 Auras Technology Microchannel Cooling Plate Product and Services
- 2.2.4 Auras Technology Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 Auras Technology Recent Developments/Updates
- 2.3 Asia Vital Components
 - 2.3.1 Asia Vital Components Details
 - 2.3.2 Asia Vital Components Major Business
 - 2.3.3 Asia Vital Components Microchannel Cooling Plate Product and Services
 - 2.3.4 Asia Vital Components Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Asia Vital Components Recent Developments/Updates
- 2.4 Jentech Precision Industrial
 - 2.4.1 Jentech Precision Industrial Details
 - 2.4.2 Jentech Precision Industrial Major Business
 - 2.4.3 Jentech Precision Industrial Microchannel Cooling Plate Product and Services
 - 2.4.4 Jentech Precision Industrial Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Jentech Precision Industrial Recent Developments/Updates
- 2.5 Guangzhou Goaland Energy Conservation Tech
 - 2.5.1 Guangzhou Goaland Energy Conservation Tech Details
 - 2.5.2 Guangzhou Goaland Energy Conservation Tech Major Business
 - 2.5.3 Guangzhou Goaland Energy Conservation Tech Microchannel Cooling Plate Product and Services
 - 2.5.4 Guangzhou Goaland Energy Conservation Tech Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Guangzhou Goaland Energy Conservation Tech Recent Developments/Updates
- 2.6 Shenzhen Envicool Technology
 - 2.6.1 Shenzhen Envicool Technology Details
 - 2.6.2 Shenzhen Envicool Technology Major Business
 - 2.6.3 Shenzhen Envicool Technology Microchannel Cooling Plate Product and Services
 - 2.6.4 Shenzhen Envicool Technology Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.6.5 Shenzhen Envicool Technology Recent Developments/Updates
- 2.7 Baknor
 - 2.7.1 Baknor Details
 - 2.7.2 Baknor Major Business

- 2.7.3 Baknor Microchannel Cooling Plate Product and Services
- 2.7.4 Baknor Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.7.5 Baknor Recent Developments/Updates
- 2.8 United Precision Technologies
 - 2.8.1 United Precision Technologies Details
 - 2.8.2 United Precision Technologies Major Business
 - 2.8.3 United Precision Technologies Microchannel Cooling Plate Product and Services
 - 2.8.4 United Precision Technologies Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.8.5 United Precision Technologies Recent Developments/Updates
- 2.9 JetCool
 - 2.9.1 JetCool Details
 - 2.9.2 JetCool Major Business
 - 2.9.3 JetCool Microchannel Cooling Plate Product and Services
 - 2.9.4 JetCool Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.9.5 JetCool Recent Developments/Updates
- 2.10 Changzhou Tenglong Auto Parts
 - 2.10.1 Changzhou Tenglong Auto Parts Details
 - 2.10.2 Changzhou Tenglong Auto Parts Major Business
 - 2.10.3 Changzhou Tenglong Auto Parts Microchannel Cooling Plate Product and Services
 - 2.10.4 Changzhou Tenglong Auto Parts Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.10.5 Changzhou Tenglong Auto Parts Recent Developments/Updates
- 2.11 Lucky Harvest
 - 2.11.1 Lucky Harvest Details
 - 2.11.2 Lucky Harvest Major Business
 - 2.11.3 Lucky Harvest Microchannel Cooling Plate Product and Services
 - 2.11.4 Lucky Harvest Microchannel Cooling Plate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.11.5 Lucky Harvest Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: MICROCHANNEL COOLING PLATE BY MANUFACTURER

- 3.1 Global Microchannel Cooling Plate Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Microchannel Cooling Plate Revenue by Manufacturer (2021-2026)

- 3.3 Global Microchannel Cooling Plate Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Microchannel Cooling Plate by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 Microchannel Cooling Plate Manufacturer Market Share in 2025
 - 3.4.3 Top 6 Microchannel Cooling Plate Manufacturer Market Share in 2025
- 3.5 Microchannel Cooling Plate Market: Overall Company Footprint Analysis
 - 3.5.1 Microchannel Cooling Plate Market: Region Footprint
 - 3.5.2 Microchannel Cooling Plate Market: Company Product Type Footprint
 - 3.5.3 Microchannel Cooling Plate Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Microchannel Cooling Plate Market Size by Region
 - 4.1.1 Global Microchannel Cooling Plate Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Microchannel Cooling Plate Consumption Value by Region (2021-2032)
 - 4.1.3 Global Microchannel Cooling Plate Average Price by Region (2021-2032)
- 4.2 North America Microchannel Cooling Plate Consumption Value (2021-2032)
- 4.3 Europe Microchannel Cooling Plate Consumption Value (2021-2032)
- 4.4 Asia-Pacific Microchannel Cooling Plate Consumption Value (2021-2032)
- 4.5 South America Microchannel Cooling Plate Consumption Value (2021-2032)
- 4.6 Middle East & Africa Microchannel Cooling Plate Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Microchannel Cooling Plate Sales Quantity by Type (2021-2032)
- 5.2 Global Microchannel Cooling Plate Consumption Value by Type (2021-2032)
- 5.3 Global Microchannel Cooling Plate Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Microchannel Cooling Plate Sales Quantity by Application (2021-2032)
- 6.2 Global Microchannel Cooling Plate Consumption Value by Application (2021-2032)
- 6.3 Global Microchannel Cooling Plate Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America Microchannel Cooling Plate Sales Quantity by Type (2021-2032)
- 7.2 North America Microchannel Cooling Plate Sales Quantity by Application (2021-2032)
- 7.3 North America Microchannel Cooling Plate Market Size by Country
 - 7.3.1 North America Microchannel Cooling Plate Sales Quantity by Country (2021-2032)
 - 7.3.2 North America Microchannel Cooling Plate Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)
 - 7.3.4 Canada Market Size and Forecast (2021-2032)
 - 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

- 8.1 Europe Microchannel Cooling Plate Sales Quantity by Type (2021-2032)
- 8.2 Europe Microchannel Cooling Plate Sales Quantity by Application (2021-2032)
- 8.3 Europe Microchannel Cooling Plate Market Size by Country
 - 8.3.1 Europe Microchannel Cooling Plate Sales Quantity by Country (2021-2032)
 - 8.3.2 Europe Microchannel Cooling Plate Consumption Value by Country (2021-2032)
 - 8.3.3 Germany Market Size and Forecast (2021-2032)
 - 8.3.4 France Market Size and Forecast (2021-2032)
 - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
 - 8.3.6 Russia Market Size and Forecast (2021-2032)
 - 8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Microchannel Cooling Plate Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific Microchannel Cooling Plate Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific Microchannel Cooling Plate Market Size by Region
 - 9.3.1 Asia-Pacific Microchannel Cooling Plate Sales Quantity by Region (2021-2032)
 - 9.3.2 Asia-Pacific Microchannel Cooling Plate Consumption Value by Region (2021-2032)
 - 9.3.3 China Market Size and Forecast (2021-2032)
 - 9.3.4 Japan Market Size and Forecast (2021-2032)
 - 9.3.5 South Korea Market Size and Forecast (2021-2032)
 - 9.3.6 India Market Size and Forecast (2021-2032)
 - 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
 - 9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Microchannel Cooling Plate Sales Quantity by Type (2021-2032)

10.2 South America Microchannel Cooling Plate Sales Quantity by Application (2021-2032)

10.3 South America Microchannel Cooling Plate Market Size by Country

10.3.1 South America Microchannel Cooling Plate Sales Quantity by Country (2021-2032)

10.3.2 South America Microchannel Cooling Plate Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Microchannel Cooling Plate Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Microchannel Cooling Plate Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Microchannel Cooling Plate Market Size by Country

11.3.1 Middle East & Africa Microchannel Cooling Plate Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Microchannel Cooling Plate Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Microchannel Cooling Plate Market Drivers

12.2 Microchannel Cooling Plate Market Restraints

12.3 Microchannel Cooling Plate Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Microchannel Cooling Plate and Key Manufacturers

13.2 Manufacturing Costs Percentage of Microchannel Cooling Plate

13.3 Microchannel Cooling Plate Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Microchannel Cooling Plate Typical Distributors

14.3 Microchannel Cooling Plate Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Microchannel Cooling Plate Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Microchannel Cooling Plate Consumption Value by Material, (USD Million), 2021 & 2025 & 2032

Table 3. Global Microchannel Cooling Plate Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. Mikros Technologies Basic Information, Manufacturing Base and Competitors

Table 5. Mikros Technologies Major Business

Table 6. Mikros Technologies Microchannel Cooling Plate Product and Services

Table 7. Mikros Technologies Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Mikros Technologies Recent Developments/Updates

Table 9. Auras Technology Basic Information, Manufacturing Base and Competitors

Table 10. Auras Technology Major Business

Table 11. Auras Technology Microchannel Cooling Plate Product and Services

Table 12. Auras Technology Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Auras Technology Recent Developments/Updates

Table 14. Asia Vital Components Basic Information, Manufacturing Base and Competitors

Table 15. Asia Vital Components Major Business

Table 16. Asia Vital Components Microchannel Cooling Plate Product and Services

Table 17. Asia Vital Components Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Asia Vital Components Recent Developments/Updates

Table 19. Jentech Precision Industrial Basic Information, Manufacturing Base and Competitors

Table 20. Jentech Precision Industrial Major Business

Table 21. Jentech Precision Industrial Microchannel Cooling Plate Product and Services

Table 22. Jentech Precision Industrial Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Jentech Precision Industrial Recent Developments/Updates

Table 24. Guangzhou Goaland Energy Conservation Tech Basic Information, Manufacturing Base and Competitors

Table 25. Guangzhou Goaland Energy Conservation Tech Major Business

Table 26. Guangzhou Goaland Energy Conservation Tech Microchannel Cooling Plate Product and Services

Table 27. Guangzhou Goaland Energy Conservation Tech Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Guangzhou Goaland Energy Conservation Tech Recent Developments/Updates

Table 29. Shenzhen Envicool Technology Basic Information, Manufacturing Base and Competitors

Table 30. Shenzhen Envicool Technology Major Business

Table 31. Shenzhen Envicool Technology Microchannel Cooling Plate Product and Services

Table 32. Shenzhen Envicool Technology Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Shenzhen Envicool Technology Recent Developments/Updates

Table 34. Baknor Basic Information, Manufacturing Base and Competitors

Table 35. Baknor Major Business

Table 36. Baknor Microchannel Cooling Plate Product and Services

Table 37. Baknor Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Baknor Recent Developments/Updates

Table 39. United Precision Technologies Basic Information, Manufacturing Base and Competitors

Table 40. United Precision Technologies Major Business

Table 41. United Precision Technologies Microchannel Cooling Plate Product and Services

Table 42. United Precision Technologies Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. United Precision Technologies Recent Developments/Updates

Table 44. JetCool Basic Information, Manufacturing Base and Competitors

Table 45. JetCool Major Business

Table 46. JetCool Microchannel Cooling Plate Product and Services

Table 47. JetCool Microchannel Cooling Plate Sales Quantity (Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. JetCool Recent Developments/Updates

Table 49. Changzhou Tenglong Auto Parts Basic Information, Manufacturing Base and Competitors

Table 50. Changzhou Tenglong Auto Parts Major Business

Table 51. Changzhou Tenglong Auto Parts Microchannel Cooling Plate Product and Services

Table 52. Changzhou Tenglong Auto Parts Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Changzhou Tenglong Auto Parts Recent Developments/Updates

Table 54. Lucky Harvest Basic Information, Manufacturing Base and Competitors

Table 55. Lucky Harvest Major Business

Table 56. Lucky Harvest Microchannel Cooling Plate Product and Services

Table 57. Lucky Harvest Microchannel Cooling Plate Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Lucky Harvest Recent Developments/Updates

Table 59. Global Microchannel Cooling Plate Sales Quantity by Manufacturer (2021-2026) & (Units)

Table 60. Global Microchannel Cooling Plate Revenue by Manufacturer (2021-2026) & (USD Million)

Table 61. Global Microchannel Cooling Plate Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 62. Market Position of Manufacturers in Microchannel Cooling Plate, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 63. Head Office and Microchannel Cooling Plate Production Site of Key Manufacturer

Table 64. Microchannel Cooling Plate Market: Company Product Type Footprint

Table 65. Microchannel Cooling Plate Market: Company Product Application Footprint

Table 66. Microchannel Cooling Plate New Market Entrants and Barriers to Market Entry

Table 67. Microchannel Cooling Plate Mergers, Acquisition, Agreements, and Collaborations

Table 68. Global Microchannel Cooling Plate Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 69. Global Microchannel Cooling Plate Sales Quantity by Region (2021-2026) & (Units)

Table 70. Global Microchannel Cooling Plate Sales Quantity by Region (2027-2032) & (Units)

- Table 71. Global Microchannel Cooling Plate Consumption Value by Region (2021-2026) & (USD Million)
- Table 72. Global Microchannel Cooling Plate Consumption Value by Region (2027-2032) & (USD Million)
- Table 73. Global Microchannel Cooling Plate Average Price by Region (2021-2026) & (US\$/Unit)
- Table 74. Global Microchannel Cooling Plate Average Price by Region (2027-2032) & (US\$/Unit)
- Table 75. Global Microchannel Cooling Plate Sales Quantity by Type (2021-2026) & (Units)
- Table 76. Global Microchannel Cooling Plate Sales Quantity by Type (2027-2032) & (Units)
- Table 77. Global Microchannel Cooling Plate Consumption Value by Type (2021-2026) & (USD Million)
- Table 78. Global Microchannel Cooling Plate Consumption Value by Type (2027-2032) & (USD Million)
- Table 79. Global Microchannel Cooling Plate Average Price by Type (2021-2026) & (US\$/Unit)
- Table 80. Global Microchannel Cooling Plate Average Price by Type (2027-2032) & (US\$/Unit)
- Table 81. Global Microchannel Cooling Plate Sales Quantity by Application (2021-2026) & (Units)
- Table 82. Global Microchannel Cooling Plate Sales Quantity by Application (2027-2032) & (Units)
- Table 83. Global Microchannel Cooling Plate Consumption Value by Application (2021-2026) & (USD Million)
- Table 84. Global Microchannel Cooling Plate Consumption Value by Application (2027-2032) & (USD Million)
- Table 85. Global Microchannel Cooling Plate Average Price by Application (2021-2026) & (US\$/Unit)
- Table 86. Global Microchannel Cooling Plate Average Price by Application (2027-2032) & (US\$/Unit)
- Table 87. North America Microchannel Cooling Plate Sales Quantity by Type (2021-2026) & (Units)
- Table 88. North America Microchannel Cooling Plate Sales Quantity by Type (2027-2032) & (Units)
- Table 89. North America Microchannel Cooling Plate Sales Quantity by Application (2021-2026) & (Units)
- Table 90. North America Microchannel Cooling Plate Sales Quantity by Application

(2027-2032) & (Units)

Table 91. North America Microchannel Cooling Plate Sales Quantity by Country

(2021-2026) & (Units)

Table 92. North America Microchannel Cooling Plate Sales Quantity by Country

(2027-2032) & (Units)

Table 93. North America Microchannel Cooling Plate Consumption Value by Country

(2021-2026) & (USD Million)

Table 94. North America Microchannel Cooling Plate Consumption Value by Country

(2027-2032) & (USD Million)

Table 95. Europe Microchannel Cooling Plate Sales Quantity by Type (2021-2026) &

(Units)

Table 96. Europe Microchannel Cooling Plate Sales Quantity by Type (2027-2032) &

(Units)

Table 97. Europe Microchannel Cooling Plate Sales Quantity by Application

(2021-2026) & (Units)

Table 98. Europe Microchannel Cooling Plate Sales Quantity by Application

(2027-2032) & (Units)

Table 99. Europe Microchannel Cooling Plate Sales Quantity by Country (2021-2026) &

(Units)

Table 100. Europe Microchannel Cooling Plate Sales Quantity by Country (2027-2032)

& (Units)

Table 101. Europe Microchannel Cooling Plate Consumption Value by Country

(2021-2026) & (USD Million)

Table 102. Europe Microchannel Cooling Plate Consumption Value by Country

(2027-2032) & (USD Million)

Table 103. Asia-Pacific Microchannel Cooling Plate Sales Quantity by Type

(2021-2026) & (Units)

Table 104. Asia-Pacific Microchannel Cooling Plate Sales Quantity by Type

(2027-2032) & (Units)

Table 105. Asia-Pacific Microchannel Cooling Plate Sales Quantity by Application

(2021-2026) & (Units)

Table 106. Asia-Pacific Microchannel Cooling Plate Sales Quantity by Application

(2027-2032) & (Units)

Table 107. Asia-Pacific Microchannel Cooling Plate Sales Quantity by Region

(2021-2026) & (Units)

Table 108. Asia-Pacific Microchannel Cooling Plate Sales Quantity by Region

(2027-2032) & (Units)

Table 109. Asia-Pacific Microchannel Cooling Plate Consumption Value by Region

(2021-2026) & (USD Million)

Table 110. Asia-Pacific Microchannel Cooling Plate Consumption Value by Region (2027-2032) & (USD Million)

Table 111. South America Microchannel Cooling Plate Sales Quantity by Type (2021-2026) & (Units)

Table 112. South America Microchannel Cooling Plate Sales Quantity by Type (2027-2032) & (Units)

Table 113. South America Microchannel Cooling Plate Sales Quantity by Application (2021-2026) & (Units)

Table 114. South America Microchannel Cooling Plate Sales Quantity by Application (2027-2032) & (Units)

Table 115. South America Microchannel Cooling Plate Sales Quantity by Country (2021-2026) & (Units)

Table 116. South America Microchannel Cooling Plate Sales Quantity by Country (2027-2032) & (Units)

Table 117. South America Microchannel Cooling Plate Consumption Value by Country (2021-2026) & (USD Million)

Table 118. South America Microchannel Cooling Plate Consumption Value by Country (2027-2032) & (USD Million)

Table 119. Middle East & Africa Microchannel Cooling Plate Sales Quantity by Type (2021-2026) & (Units)

Table 120. Middle East & Africa Microchannel Cooling Plate Sales Quantity by Type (2027-2032) & (Units)

Table 121. Middle East & Africa Microchannel Cooling Plate Sales Quantity by Application (2021-2026) & (Units)

Table 122. Middle East & Africa Microchannel Cooling Plate Sales Quantity by Application (2027-2032) & (Units)

Table 123. Middle East & Africa Microchannel Cooling Plate Sales Quantity by Country (2021-2026) & (Units)

Table 124. Middle East & Africa Microchannel Cooling Plate Sales Quantity by Country (2027-2032) & (Units)

Table 125. Middle East & Africa Microchannel Cooling Plate Consumption Value by Country (2021-2026) & (USD Million)

Table 126. Middle East & Africa Microchannel Cooling Plate Consumption Value by Country (2027-2032) & (USD Million)

Table 127. Microchannel Cooling Plate Raw Material

Table 128. Key Manufacturers of Microchannel Cooling Plate Raw Materials

Table 129. Microchannel Cooling Plate Typical Distributors

Table 130. Microchannel Cooling Plate Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Microchannel Cooling Plate Picture
- Figure 2. Global Microchannel Cooling Plate Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Microchannel Cooling Plate Revenue Market Share by Type in 2025
- Figure 4. Planar Microchannel Cooling Plate Examples
- Figure 5. 3D Microchannel Cooling Plate Examples
- Figure 6. Global Microchannel Cooling Plate Revenue by Material, (USD Million), 2021 & 2025 & 2032
- Figure 7. Global Microchannel Cooling Plate Revenue Market Share by Material in 2025
- Figure 8. Aluminum Examples
- Figure 9. Copper Examples
- Figure 10. Global Microchannel Cooling Plate Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 11. Global Microchannel Cooling Plate Revenue Market Share by Application in 2025
- Figure 12. AI Servers Examples
- Figure 13. New Energy Vehicles Examples
- Figure 14. Low-altitude Aircraft Examples
- Figure 15. Humanoid Robots Examples
- Figure 16. Others Examples
- Figure 17. Global Microchannel Cooling Plate Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 18. Global Microchannel Cooling Plate Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 19. Global Microchannel Cooling Plate Sales Quantity (2021-2032) & (Units)
- Figure 20. Global Microchannel Cooling Plate Price (2021-2032) & (US\$/Unit)
- Figure 21. Global Microchannel Cooling Plate Sales Quantity Market Share by Manufacturer in 2025
- Figure 22. Global Microchannel Cooling Plate Revenue Market Share by Manufacturer in 2025
- Figure 23. Producer Shipments of Microchannel Cooling Plate by Manufacturer Sales (\$MM) and Market Share (%): 2025
- Figure 24. Top 3 Microchannel Cooling Plate Manufacturer (Revenue) Market Share in 2025
- Figure 25. Top 6 Microchannel Cooling Plate Manufacturer (Revenue) Market Share in

2025

Figure 26. Global Microchannel Cooling Plate Sales Quantity Market Share by Region (2021-2032)

Figure 27. Global Microchannel Cooling Plate Consumption Value Market Share by Region (2021-2032)

Figure 28. North America Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 29. Europe Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 30. Asia-Pacific Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 31. South America Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 32. Middle East & Africa Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 33. Global Microchannel Cooling Plate Sales Quantity Market Share by Type (2021-2032)

Figure 34. Global Microchannel Cooling Plate Consumption Value Market Share by Type (2021-2032)

Figure 35. Global Microchannel Cooling Plate Average Price by Type (2021-2032) & (US\$/Unit)

Figure 36. Global Microchannel Cooling Plate Sales Quantity Market Share by Application (2021-2032)

Figure 37. Global Microchannel Cooling Plate Revenue Market Share by Application (2021-2032)

Figure 38. Global Microchannel Cooling Plate Average Price by Application (2021-2032) & (US\$/Unit)

Figure 39. North America Microchannel Cooling Plate Sales Quantity Market Share by Type (2021-2032)

Figure 40. North America Microchannel Cooling Plate Sales Quantity Market Share by Application (2021-2032)

Figure 41. North America Microchannel Cooling Plate Sales Quantity Market Share by Country (2021-2032)

Figure 42. North America Microchannel Cooling Plate Consumption Value Market Share by Country (2021-2032)

Figure 43. United States Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 44. Canada Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 45. Mexico Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 46. Europe Microchannel Cooling Plate Sales Quantity Market Share by Type (2021-2032)

Figure 47. Europe Microchannel Cooling Plate Sales Quantity Market Share by Application (2021-2032)

Figure 48. Europe Microchannel Cooling Plate Sales Quantity Market Share by Country (2021-2032)

Figure 49. Europe Microchannel Cooling Plate Consumption Value Market Share by Country (2021-2032)

Figure 50. Germany Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 51. France Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 52. United Kingdom Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 53. Russia Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 54. Italy Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 55. Asia-Pacific Microchannel Cooling Plate Sales Quantity Market Share by Type (2021-2032)

Figure 56. Asia-Pacific Microchannel Cooling Plate Sales Quantity Market Share by Application (2021-2032)

Figure 57. Asia-Pacific Microchannel Cooling Plate Sales Quantity Market Share by Region (2021-2032)

Figure 58. Asia-Pacific Microchannel Cooling Plate Consumption Value Market Share by Region (2021-2032)

Figure 59. China Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 60. Japan Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 61. South Korea Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 62. India Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 63. Southeast Asia Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 64. Australia Microchannel Cooling Plate Consumption Value (2021-2032) &

(USD Million)

Figure 65. South America Microchannel Cooling Plate Sales Quantity Market Share by Type (2021-2032)

Figure 66. South America Microchannel Cooling Plate Sales Quantity Market Share by Application (2021-2032)

Figure 67. South America Microchannel Cooling Plate Sales Quantity Market Share by Country (2021-2032)

Figure 68. South America Microchannel Cooling Plate Consumption Value Market Share by Country (2021-2032)

Figure 69. Brazil Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 70. Argentina Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 71. Middle East & Africa Microchannel Cooling Plate Sales Quantity Market Share by Type (2021-2032)

Figure 72. Middle East & Africa Microchannel Cooling Plate Sales Quantity Market Share by Application (2021-2032)

Figure 73. Middle East & Africa Microchannel Cooling Plate Sales Quantity Market Share by Country (2021-2032)

Figure 74. Middle East & Africa Microchannel Cooling Plate Consumption Value Market Share by Country (2021-2032)

Figure 75. Turkey Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 76. Egypt Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 77. Saudi Arabia Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 78. South Africa Microchannel Cooling Plate Consumption Value (2021-2032) & (USD Million)

Figure 79. Microchannel Cooling Plate Market Drivers

Figure 80. Microchannel Cooling Plate Market Restraints

Figure 81. Microchannel Cooling Plate Market Trends

Figure 82. Porters Five Forces Analysis

Figure 83. Manufacturing Cost Structure Analysis of Microchannel Cooling Plate in 2025

Figure 84. Manufacturing Process Analysis of Microchannel Cooling Plate

Figure 85. Microchannel Cooling Plate Industrial Chain

Figure 86. Sales Channel: Direct to End-User vs Distributors

Figure 87. Direct Channel Pros & Cons

Figure 88. Indirect Channel Pros & Cons

Figure 89. Methodology

Figure 90. Research Process and Data Source

I would like to order

Product name: Global Microchannel Cooling Plate Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G86FC4D2BB4DEN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G86FC4D2BB4DEN.html>