

Global Liquid-Cooled Micropump Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Liquid-Cooled Micropump market size was valued at US\$ 516 million in 2025 and is forecast to a readjusted size of US\$ 766 million by 2032 with a CAGR of 5.9% during review period.

The piezoelectric liquid-cooled micropump is a micropump that uses the inverse piezoelectric effect of piezoelectric ceramics to drive fluid. It is widely used in liquid cooling systems. This micropump has the advantages of small size, low power consumption, and no noise. It can effectively take away the heat generated during the operation of the equipment, thereby maintaining the stable operation of the equipment. Usually used in devices that require efficient heat dissipation, such as high-performance computers, smartphones, or wearable devices.

This report is a detailed and comprehensive analysis for global Liquid-Cooled Micropump 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 Liquid-Cooled Micropump market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

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

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

Global Liquid-Cooled Micropump market shares of main players, shipments in revenue (\$ Million), sales quantity (K 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 Liquid-Cooled Micropump

- 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 Liquid-Cooled Micropump 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 Boreas Technologies, Bestar Holding, Ruimeng Semiconductor, BARTELS, Nippon Keiki Works, Takasago Electric, Blacktrace Holdings, PiezoData, TTP Ventus, Sandur Group, etc.

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

Market Segmentation

Liquid-Cooled Micropump 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

Diaphragm Type

Valveless

Valve Type

Rotary

Others

Market segment by Application

Smartphone

Data Center

Computer

Others

Major players covered

Boreas Technologies

Bestar Holding

Ruimeng Semiconductor

BARTELS

Nippon Keiki Works

Takasago Electric

Blacktrace Holdings

PiezoData

TTP Ventus

Sandur Group

PI Ceramic

Microjet Technology

NITTO KOHKI

Bartels Mirkrotechnik

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 Liquid-Cooled Micropump product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Liquid-Cooled Micropump, with price, sales quantity, revenue, and global market share of Liquid-Cooled Micropump from 2021 to 2026.

Chapter 3, the Liquid-Cooled Micropump competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Liquid-Cooled Micropump 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 Liquid-Cooled Micropump 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 Liquid-Cooled Micropump.

Chapter 14 and 15, to describe Liquid-Cooled Micropump sales channel, distributors, customers, research findings and conclusion.

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