

Immersion Cooling Market Report: Trends, Forecast and Competitive Analysis to 2030

<https://marketpublishers.com/r/IC5F291D7F51EN.html>

Date: September 2023

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: IC5F291D7F51EN

Abstracts

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Immersion Cooling Trends and Forecast

The future of the global immersion cooling market looks promising with opportunities in the high-performance computing, artificial intelligence, edge computing, and cryptocurrency mining market. The global immersion cooling market is expected to reach an estimated \$1.5 billion by 2030 with a CAGR of 25.7% from 2024 to 2030. The major drivers for this market are rising demand from data centers for affordable and energy-efficient cooling solutions, increase in the usage of cryptocurrency mining and blockchain, and growing need for cloud computing infrastructure and IoT capabilities.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Immersion Cooling by Segment

The study includes a forecast for the global immersion cooling by product type, cooling fluid, components, application, and region.

Immersion Cooling Market by Product Type [Shipment Analysis by Value from 2018 to 2030]:

Single-Phase Immersion Cooling

Two-Phase Immersion Cooling

Immersion Cooling Market by Cooling Fluid [Shipment Analysis by Value from 2018 to 2030]:

Mineral Oil

Synthetic Fluids

Fluorocarbon-based Fluids

Others

Immersion Cooling Market by Components [Shipment Analysis by Value from 2018 to 2030]:

Solution

Services

Immersion Cooling Market by Application [Shipment Analysis by Value from 2018 to 2030]:

High-performance Computing

Artificial Intelligence

Edge Computing

Cryptocurrency Mining

Others

Immersion Cooling Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Immersion Cooling Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies immersion cooling companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the immersion cooling companies profiled in this report include-

Liquid Stack

Fujitsu

Green Revolution Cooling

Submer

Asperitas

Midas Green Technologies

Iceotope Technologies

Liquidcool Solutions

Dug Technology

Dcx - The Liquid Cooling Company

Immersion Cooling Market Insights

Lucintel forecasts that single-phase immersion cooling is expected to witness highest growth over the forecast period due to its lesser cost of maintenance.

Within this market, high-performance computing will remain the largest segment.

APAC is expected to witness highest growth over the forecast period due to huge investments in modernizing legacy data centers and configuring of new data centers.

Features of the Global Immersion Cooling Market

Market Size Estimates: Immersion cooling market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Immersion cooling market by various segments such as by product type, cooling fluid, components, applications, and region in terms of (\$B).

Regional Analysis: Immersion cooling market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product types, cooling fluids, components, applications, and regions for the immersion cooling market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the immersion cooling market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q.1 What is the immersion cooling market size?

Answer: The global immersion cooling market is expected to reach an estimated \$1.5 billion by 2030.

Q.2 What is the growth forecast for immersion cooling market?

Answer: The global immersion cooling market is expected to grow with a CAGR of 25.7% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the immersion cooling market?

Answer: The major drivers for this market are rising demand from data centers for affordable and energy-efficient cooling solutions, increase in the usage of cryptocurrency mining and blockchain, and growing need for cloud computing infrastructure and IoT capabilities.

Q4. What are the major segments for immersion cooling market?

Answer: The future of the global immersion cooling market looks promising with opportunities in the high-performance computing, artificial intelligence, edge computing, and cryptocurrency mining market

Q5. Who are the key immersion cooling market companies?

Answer: Some of the key immersion cooling companies are as follows:

Liquid Stack

Fujitsu

Green Revolution Cooling

Submer

Asperitas

Midas Green Technologies

Iceotope Technologies

LiquidCool Solutions

DUG Technology

DCX - The Liquid Cooling Company

Q6. Which immersion cooling market segment will be the largest in future?

Answer: Lucintel forecasts that single-phase immersion cooling is expected to witness highest growth over the forecast period due to its lesser cost of maintenance.

Q7. In immersion cooling market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period due to huge investments in modernizing legacy data centers and configuring of new data centers.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the immersion cooling market by product type (single-phase immersion cooling and two-phase immersion cooling), cooling fluid (mineral oil, synthetic fluids, fluorocarbon-based fluids, and others), components (solution and services), application (high-performance computing, artificial intelligence, edge computing, cryptocurrency mining, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Immersion Cooling Market, Immersion Cooling Market Size, Immersion Cooling Market Growth, Immersion Cooling Market Analysis, Immersion Cooling Market Report, Immersion Cooling Market Share, Immersion Cooling Market Trends, Immersion Cooling Market Forecast, Immersion Cooling Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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