

Immersion Cooling - Global Market Outlook (2018-2027)

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Abstracts

According to Statistics MRC, the Global Immersion Cooling Market is accounted for \$143.67 million in 2018 and is expected to reach \$792.87 million by 2027 growing at a CAGR of 20.9% during the forecast period. Some of the key factors influencing the market growth include increasing density of server racks and the rising need for cost-effective cooling solutions. However, lack of recognition from end users is restraining market growth.

Immersion cooling is utilized in server farms to cool various segments, including electronic gadgets, for example, servers. In this procedure, various kinds of gear are submerged in a thermally conductive dielectric fluid or cooling liquid. This procedure disposes of the prerequisite for fans, massive heatsinks, or air channels as the warmth is legitimately moved from segments to warmth move liquids. Warmth is killed from server farms by coursing cooling fluid near hot parts utilizing cool warmth exchangers.

Amongst Type, Single-Phase Immersion Cooling segment is going to have a lucrative growth during the forecast period. The coolant is pumped to a heat exchanger where heat is transferred to a cooling water circuit. This technique uses open baths, as there is little (or no) risk of the coolant evaporating. By Geography, Asia Pacific is growing in emerging countries such as India and China due to increasing use of technologies, such as high-performance computing, artificial intelligence, edge computing, cloud computing, cryptocurrency mining, and enterprise computing, is leading to an increase in a server rack and chip density.

Some of the key players profiled in the Immersion Cooling Market include Allied Control Ltd, Asperitas, DCX – the Liquid Cooling Company, Downunder Geosolutions Pty Ltd, Exascalor Inc, Fujitsu Limited, Green Revolution Cooling Inc, Iceotope Technologies

Limited, Liquidcool Solutions, Inc, Midas Green Technologies, Qcooling and Submer Technologies.

Cooling Fluid Types Covered:

Deionized Water

Fluorocarbon-Based Fluid

Mineral Oil

Synthetic Oil

Other Cooling Fluid Types

Type Covered:

Two-Phase Immersion Cooling

Single-Phase Immersion Cooling

Applications Covered:

Artificial Intelligence

Cryptocurrency Mining

Edge Computing

High Performance Computing

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub-segments, and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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