

Data Center Liquid Cooling Market Worth US\$ 12.7 Bn by 2032 - Exclusive Report by FMI

NEWARK, NEWARK, UNITED STATES OF AMERICA, April 25, 2022

[/EINPresswire.com/](https://www.einpresswire.com/) -- The global [data center liquid cooling market](#) is expected to rise at a CAGR of 19.4% to reach a valuation of US\$ 12.7 Bn by 2032 from US\$ 2.2 Bn in 2022.

GPUs aid in the acceleration of computational operations, which is a key component of modern AI infrastructure. Data center GPUs are built for large-scale projects and are used for deep learning technology implementations.

They may deliver enterprise-grade performance and are utilized for deep learning technology implementations. The increased use of GPUs has resulted in increased [data centre liquid cooling](#) consumption around the world.

Due to the halts in [data centre](#) development projects during lockdowns, the pandemic had a moderate influence on the market in 2020, with the sector reporting a fall in demand for new data centre liquid cooling systems.

In 2021, the market grew steadily, owing to increased demand for online services and increased data capacity in numerous application fields.

The requirement for managed network services and remote working applications has risen recently, prompting businesses to invest in a variety of developing technologies and also increasing the [demand for](#) data center liquid cooling.

To remain 'ahead' of your competitors, request for @ <https://www.futuremarketinsights.com/reports/sample/rep-gb-14510>

The current [data center liquid cooling](#) market trends indicate that the IT infrastructure has



gotten more diverse in recent years. Operators and service providers of telecom data centres and services have the chance to develop new technology.

To ensure that all services are provided at high speed and correctly, telecom data centres make considerable use of fiber networks. For mobile services, content distribution, and cloud services, this necessitates high connectivity. As a result, there is a lot of use of density racks, which leads to a lot of demand for data centre liquid cooling systems.

As per the data center liquid cooling market study by FMI, large data centres are distinguished by their extensive use of processing power to meet the data centre needs of large corporations.

These data centres are distinguished by stringent operational cost limits and stronger demand for energy efficiency.

Currently, these data centres are seeing a lot of racks- and row-based cooling solutions, but immersion cooling technologies are expected to see a lot more acceptance because of the higher cooling requirements of high-density server racks.

The increased demand for energy-efficient cooling solutions, compact and noise-free solutions, lower operating costs, and improved overclocking capability are all major drivers driving the data center liquid cooling market's growth.

Furthermore, advances in artificial intelligence, blockchain, and other emerging technologies, as well as high-density cooling, are projected to open up several prospects for data centre liquid cooling manufacturers.

Speak to our Research Expert: <https://www.futuremarketinsights.com/ask-question/rep-gb-14510>

Key Market Trends

Germany's demand for data centre liquid cooling is expected to climb 7.7 times by 2032, making it the fastest-growing sector in Europe.

The US data center liquid cooling market size is expected to reach a valuation of US\$ 4.1 Bn by 2032.

Cold plates dominated the data centre liquid cooling market in terms of cooling type, with a market share of 33% in 2021. During the years 2022-2032, however, demand for direct liquid cooling is expected to grow at a 30 percent CAGR.

The large data centers in the data center liquid cooling market are projected to rise at a CAGR of 17.7% throughout the forecast period.

Competitive Landscape

The data center liquid cooling market's major players include Aecorsis BV (Asperitas), Alfa Laval

AB, Asetek A/S, Bitfury Group Limited (Allied Control Ltd.), Rittal GmbH & Co. KG, Black Box Corporation (AGC Networks Pvt Limited), Chilldyne Inc., CoolIT Systems Inc., DCX The Liquid Cooling Company, Green Revolution Cooling (GRC), Inc., IBM Corporation, Iceotope Technologies.

These thought leaders are concentrating on strategic partnerships in order to evaluate the potential of data centre liquid cooling systems and speed up the data center liquid cooling market adoption.

Order a Complete Research Report: <https://www.futuremarketinsights.com/checkout/14510>

Recent Developments

Liquid Stack will attend the Supercomputing '21 Conference in St. Louis in November 2021. The business unveiled its first OCP open accelerator infrastructure (OAI) servers that are optimised two-phase liquid immersion-cooled.

Wiwynn's sophisticated hardware, combined with Liquid Stack's two-phase immersion cooling technology, provides unparalleled levels of processing power, efficiency, and space savings. Wiwynn's optimised high-performance OAI servers with Habana Gaudi processors are shown in a 2-phase immersion-cooled Liquid Stack data tank in this integrated presentation.

Iceotope Technologies Limited announced the release of a highly scalable, GPU-rich, and liquid-cooled solution for the deployment of HPC and AI workloads in colocation using Lenovo ThinkSystem SR670 servers in January 2021, which is projected to have a positive impact on the data center liquid cooling market growth.

About Future Market Insights (FMI)

Future Market Insights (ESOMAR certified market research organization and a member of Greater New York Chamber of Commerce) provides in-depth insights into governing factors elevating the demand in the market. It discloses opportunities that will favor the market growth in various segments on the basis of Source, Application, Sales Channel and End Use over the next 10-years.

Contact:

Future Market Insights Inc.

Christiana Corporate, 200 Continental Drive,

Suite 401, Newark, Delaware - 19713, USA

T: +1-845-579-5705

For Sales Enquiries: sales@futuremarketinsights.com

Website: <https://www.futuremarketinsights.com>

Report: <https://www.futuremarketinsights.com/reports/data-center-liquid-cooling-market>

Ankush Nikam

FMI

+91 90966 84197

[email us here](#)

Visit us on social media:

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/569909372>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 IPD Group, Inc. All Right Reserved.