

# Manufacturer of anti-vibration server racks with immersion liquid cooling



## Overview

High-density, liquid-cooled, rack-based servers for data centers, edge computing, and harsh environments. LiquidCool Solutions is the only company combining Total Liquid Immersion with Directed Flow (direct-to-chip) in a standard 19" rack. Because liquid cools 1,000x better than air, we can provide. The DCX Facility Distribution Unit (FDU) is a centralized coolant distribution unit used in direct liquid cooling systems for large-scale server clusters, including GPU-intensive environments. It is installed outside the white space, engineered to serve entire data halls. It replaces dozens of. Flex's OCP ORv3-inspired liquid-cooled systems are designed to support the most demanding artificial intelligence (AI) and high-performance computing (HPC) workloads, efficiently cooling up to 120kW per rack and beyond. Optimize your operational costs, reduce your environmental and physical footprint, and deploy faster than the competition.

## Article Content

### Liquid and Immersion Cooling Options for Data Centers

Long proven for mainframe and gaming applications, liquid cooling is expanding to protect rack-mounted servers in data centers worldwide. Vertiv has created a

#### Immersion Liquid Cooling

Immersion Liquid Cooling for Servers in Data Centers data storage systems, etc. The datacenter requires non-interrupted power, communication and Internet access to all equipment inside, it also

### Liquid Cooling Server Rack Solutions | QD Connectors

Increase efficiency and reduce costs for your data center and HPC liquid cooling applications with liquid cooled server racks featuring CPC quick disconnects.

### LiquidCool Brings Immersion Cooling to the Server Chassis

The rear view of a rack of servers using the LiquidCool immersion system. Blue lines bring dielectric coolant to the server to cool components, while the red lines

### Top Liquid and Immersion Cooling Vendors for High

As rack densities rise and concern about the sustainability of data centers grows, data center managers need a way to not only cool their equipment

### Advanced Liquid Cooling Solutions Provider | LiquidStack

LiquidStack - your full service provider of the world's most powerful, sustainable and energy-efficient data center cooling technology Data centers and High

### Immersion cooling systems: Advantages and

Data center infrastructure is rapidly expanding, fueled by the ongoing rise of artificial intelligence (AI) and high-performance computing (HPC) workloads. As rack

### DCX Liquid Cooling Systems Announces New 8MW Coolant

DCX beats its own record of the most powerful CDU system ever made. Liquid cooling Manufacturer leads category of hyperscale CDUs, launching today a new CDU system with a

### Supermicro Total Rack Scale Liquid Cooling Solutions

Supermicro delivers fully tested and validated solutions including servers, racks, networking, and cooling infrastructure, speeding up time to deployment and ensuring higher quality of the entire center.

### Data Center Immersion Cooling

Data centers' increasing size and scope around the world has led to a reliance on immersion cooling: the practice of submerging racks and full servers in a

LiquidCool Solutions: Immersion-Cooled Rack Servers

Meet soaring compute demands efficiently with LiquidCool Solutions' versatile, immersion cooling for high-performance GPU dense servers. Perfect for data

Liquid Cooling

Increase the effectiveness and sustainability of your data centers with Aivres liquid-cooled solutions. The swifter heat dissipation offered by liquid cooling technology

Is immersion cooling the answer to sustainable data

While air-based cooling is available for server racks drawing more than 20 kilowatts (kW) in common data center designs, these designs are near

Immersion Cooling solutions for 19" racks for any data

Immersion cooling solutions for all data centers As data centers and cloud providers face growing demands for higher density and efficiency, alternative cooling

Datacenters that make sense | Liquid Cooling at Scale

Company specializing in immersion liquid cooling solutions for data centers. We create liquid-cooled datacenters that scale smarter, run cleaner and cost less.

Advanced Liquid Cooling Solutions Provider | LiquidStack

LiquidStack holds multiple awards for building the world's most efficient liquid cooled data center solutions. From micro data centers to hyperscale sites, we have the

Liquid Immersion Cooling for Data Centers

Liquid immersion cooling, on one hand, allows capacity planning for the data center and provides environmental resilience to data center equipment.

Immersion Liquid Cooling of Servers in Data Centers

Green Revolution Cooling has designed a liquid-filled rack to accommodate the traditional servers and developed dielectric mineral oil as the

Featured Cooling Product: LiquidRack™ | AIRSYS

Designed to meet and exceed the cooling demands of high-density, technical-driven workloads, this patented cooling system from AIRSYS sets a golden standard in

Immersion-2: Liquid Cooling Designed for 100kW Racks

Allied Control is marketing its Immersion-2 liquid cooling design as a container-based approach for ultra high density cooling, supporting loads of up

## Direct Liquid Cooling Systems

Experts in direct liquid cooling and immersion cooling for data centers. Enabling you with a complete range of products and services to design, install and maintain

## DCX Liquid Cooling Systems

DCX's Immersion Modular Datacenter immerses servers in a dielectric fluid, delivering direct heat absorption and drastically reducing cooling overhead. This fully sealed, compact solution is easy to

## VERTIV WHITE PAPER

Simultaneously, server manufacturers are packing more CPUs and GPUs into each rack unit (U). With multiple high-performance servers in a rack, systems that deliver cooling air to racks are unable to

Liquid-cooled rack solutions | Flex

The Flex liquid-cooled system and rack solutions provide a versatile platform for hyperscalers and data center customers to design customized AI chip

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.buglerdental.co.za>

Email: [sales@buglerdental.co.za](mailto:sales@buglerdental.co.za)

Phone: +27 71 549 2836

Address: 22 Impala Crescent, Waterfall Business Estate, Midrand, 1685, South Africa

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