Data Center Cabinet Cold Aisle Immersion Liquid Cooling Manufacturers



Overview

The leading data center liquid cooling manufacturers include ToneCooling (China), LiquidStack (Netherlands), Boyd Corporation (USA), CoolIT Systems (Canada), and Schneider Electric (France). Asperitas is a Dutch clean technology scale-up that has pioneered advanced immersion cooling solutions for high-density environments. As demands on. A data center liquid cooling manufacturer is a company that designs and produces thermal management systems – including direct-to-chip cold plates, rear-door heat exchangers (RDHx), and coolant distribution units (CDU) – for hyperscale data centers, colocation facilities, and enterprise server. Schneider Electric's data center liquid cooling solutions are purpose-built for AI workloads, GPU servers, and high-density IT environments. With over a decade of experience cooling racks beyond 400 kW, we deliver end-to-end liquid cooling, with advanced technologies like Coolant Distribution Units. According to the Dell'Oro Group, the liquid cooling market revenue approach $2B by 2027 with a 60% CAGR for the years 2020 to 2027, as organizations adopt more cloud services, use artificial intelligence (AI) to power advanced analytics and automated decision making and enable blockchain and. 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.

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Using fluid technology to address cooling limitations in

There has been an increased focus on unique cooling solutions for data centers to address the limitations of traditional systems as they house more

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Its liquid-cooled server racks have allowed the company to partner with the likes of Dell Technologies, Intel and Vertiv. 3. Gigabyte Gigabyte offers single-phase and two-phase immersion

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DCX Liquid Cooling Systems

We design and manufacture a full range of high-performance cooling systems dedicated to colocation, enterprise and hyperscale data centers, including

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