



Door-to-door transport of 10G liquid-cooled switch

It shows three loops including the technology cooling system (TCS), facility water system (FWS), and condenser water system (CWS). The FWS loop is considered the primary loop while the TCS loop ...

Its main purpose is to distribute chilled water or another cooling fluid to various cooling units within the data center, including rear-door heat exchangers (RDHx) or direct-to-chip cooling systems.

It must be a self-contained liquid-to-air heat exchanger that sits inside the cabinet and does not pass coolant liquid to other cabinets. The equipment must use non-flammable, non-combustible coolant ...

Networking firm Arista is developing liquid-cooled switches and racks. As reported by NetworkWorld and Converge Digest, the company outlined its plans at the recent Hot Interconnects ...

Take steps now to modernize your facility and thermal management strategies for tomorrow's liquid-cooled switches. Meet with your Cisco team or partner to discuss how to design, ...

As rack densities continue to climb and liquid cooling becomes mainstream, robust flow monitoring is a fundamental requirement for any high-density data center.

The Mellanox Quantum-based director switch system implements a hybrid approach to manage its thermal performance where 90% of heat is dissipated by liquid cooling while the other ...

In this paper, we will take a deep look at direct liquid cooling, the ecosystem that enables it, and how the thermal resistance of the cooling solution impacts the fluid temperature required at the facility.

Compatible with both DLC servers and air-cooled servers, this design offers an ideal solution for gradually transitioning from air-cooling infrastructure to DLC data centers.

This article examines how such direct liquid cooling data center solutions work, the benefits of adopting them, and some challenges that can arise with their implementation.



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