Direct Liquid Cooling (DLC) Platform-Based Modular Solutions

Air-to-Liquid



70 kW

RDHEx

Liquid-to-Liquid Solutions



150 kW

CDU In-Rack



> 1 MW

CDU In-Row

Main Features and Benefits:

- Modular concept with similar architecture for all units
- Redundant pump units
- Fail-safe mode for pumps and fans
- Leakage monitoring on component base
- Hot-swappable sensors, controller, and In-Row CDU Pumps
- Customized manifolds
- Powered via DC busbar

Empowering AI:
Unleashing the potential with cutting-edge infrastructure

The Most Efficient Cooling for Your Application

Optimize the performance of your data center with direct liquid cooling. Rittal supports you in all application areas with targeted, modular solutions for your liquid-cooled servers.

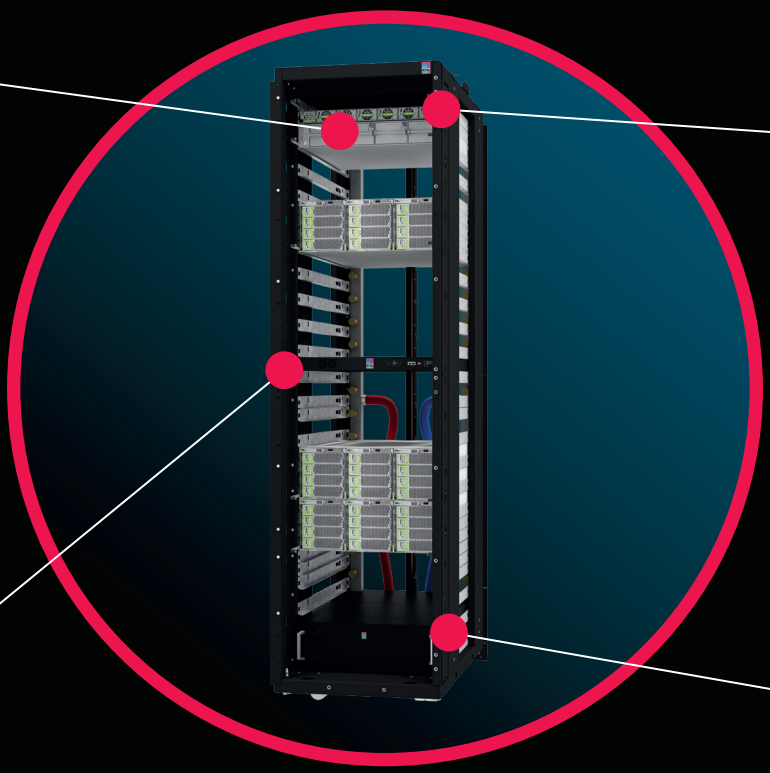
CDUs are offered as air-to-liquid rear-door exchangers, liquid-to-liquid in-rack units, or in-row systems for high-density deployments.

Your Benefits:

- Rittal as a single-source provider of IT Infrastructure: Rack, Power, Cooling, and Monitoring
- Modular solutions based on a single platform
- High reliability thanks to redundancy of critical components
- Easy serviceability: important components can be replaced during operation
- Global availability and footprint with high-production capacities

All-in-One Solution from Rittal

Our advanced cooling technology is perfectly matched to our rack, power, and monitoring solutions to produce one modular, scalable, and dependable system architecture.



Power
- Busbar
- PDU

Rack
- Open Rack V3
- Accessories

Monitoring
- Controller module (for system control)

Cooling
- CDU / CCU
- Manifold
- RDHEx

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