

# High Cap Edge with direct hot water cooling



The 100 % water-cooled High Cap Edge with direct hot-water cooling not only gives you maximum energy efficiency but also full compliance with current EU directives for achieving the goal of climate neutrality. As a rack-based complete solution for edge applications beyond classical data centres, it operates independently of the environmental conditions of the installation site.

The use of direct hot water-cooled servers and water-conditioned

Slot-InCoolers reduces costs for air-conditioning units and enables the waste heat from the unit to be utilized. Alternatively, this concept means free cooling is possible all year round. The closed-unit approach offers a compact overall solution that can be extended at any time by baying cabinets together. Due to the overall energetic concept and the closed design, the High Cap Edge keeps the number of necessary interfaces down to a minimum.

## Basic configuration

- Rack: 43 or 47 U
- Slot-InCooler
- In-RackCooler
- Hydraulic distributor
- PDU

## Cooling capacity

- Direct hot water cooling: 50 kW @ 10K spread
- Air cooling: up to 10 kW @ 6K spread

## Interfaces

- Electric: CEE 32A 400V 3ph
- Waste heat utilization: 2x DN32 (R 1.1/4")
- In-RackCooler: Modbus TCP, RTU, http, BACnet IP (optional), SNMP V2 und V3

## Dimensions

- Width: 800 mm (19" Format)
- Height: 2,000 mm or 2,200 mm
- Plinth: 100 mm or 200 mm
- Depth: 1,200 mm

## Temperatures

- Hot water cooling: up to 65° C
- Server supply / exhaust air: 27 ... 45 ° C
- External air: -30° C bis 40° C

## Additional modules

- UPS + Powerbox
- Rack fire suppression
- Monitoring and sensors
- Access control