

COOLING SYSTEM DATASHEET

SOETECK · LIQUID COOLING & CDUS

Soetek Liquid Cooling Rack Cabinet

Modular liquid-cooled server cabinet for AI, GPU and HPC racks in 42U and 47U, 600 or 800 mm wide

SKU ST-LCCX

Soetek



OPTION 1

600 mm W x...

OPTION 2

600 mm W x...

OPTION 3

800 mm W x...

PRICE

On request



REQUEST A QUOTATION ONLINE

serverinvest.com/product/soetek-rack-of-liquid-cooling-the-liquid-cooling-...


01 Product overview

The Soetec liquid cooling cabinet is a server rack built for liquid-cooled IT equipment. It combines the enclosure with an engineered coolant circuit and monitoring, giving high-power GPU and CPU servers a direct path for heat removal instead of relying solely on room air.

Typical deployments include AI training and GPU clusters, enterprise and cloud data centres aiming to lower PUE and raise rack utilisation, edge sites and telecom rooms with limited space, and HPC facilities running scientific computing, financial modelling or engineering simulation.

Design and operation

The cabinet follows a modular construction, so cooling and IT capacity can be extended as the deployment grows and day-to-day service stays simple. Moving heat into liquid improves thermal efficiency and reduces the overall energy the cooling system consumes. The fluid circuit includes additional protection measures for safe continuous running, and an integrated monitoring and control system tracks status in real time and raises alerts before faults escalate. Because less air has to be moved, the cabinet also runs more quietly than a typical air-cooled rack.

600 × 1200 × 2000 mm – 42U

600 × 1200 × 2200 mm – 47U

800 × 1200 × 2000 mm – 42U

800 × 1200 × 2200 mm – 47U

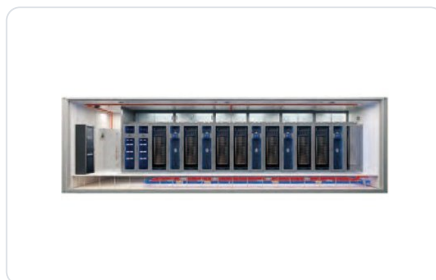
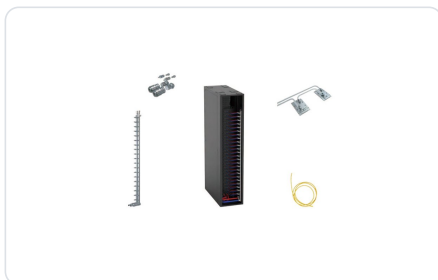
ServerInvest sizes, supplies and integrates the liquid cooling cabinet with CDUs, Supermicro liquid-cooled servers and power distribution, and the full row can be laid out in our 3D Room Builder before ordering.

HIGHLIGHTS

- Four standard frames: 600/800 mm wide, 1200 mm deep, 42U or 47U
- Modular structure for straightforward expansion and maintenance
- Protected fluid circuit designed for stable long-term operation
- Integrated monitoring with real-time status and fault alerts
- Quieter operation than conventional air-cooled cabinets

KEY SPECIFICATIONS

Option 1	600 mm W × 1200 mm D × 2000 mm H – 42U
Option 2	600 mm W × 1200 mm D × 2200 mm H – 47U
Option 3	800 mm W × 1200 mm D × 2000 mm H – 42U
Option 4	800 mm W × 1200 mm D × 2200 mm H – 47U
Rack unit	1U = 44.45 mm



02 Full specifications

CABINET DIMENSIONS

Option 1	600 mm W × 1200 mm D × 2000 mm H – 42U
Option 2	600 mm W × 1200 mm D × 2200 mm H – 47U
Option 3	800 mm W × 1200 mm D × 2000 mm H – 42U
Option 4	800 mm W × 1200 mm D × 2200 mm H – 47U
Rack unit	1U = 44.45 mm

03 Engineered, delivered & supported by ServerInvest

Engineering & sizing

Selected and sized against your real IT load, room and redundancy targets.

Installation

Delivery, installation and commissioning by our engineers across Europe.

Certified processes

ISO 9001, ISO 14001 and ISO 27001 certified project delivery.

Service & support

Maintenance, spare parts and support from a single partner.



Interested in this solution?

Request a quotation online or talk to a solutions engineer — we reply within one business day.
office@serverinvest.com

