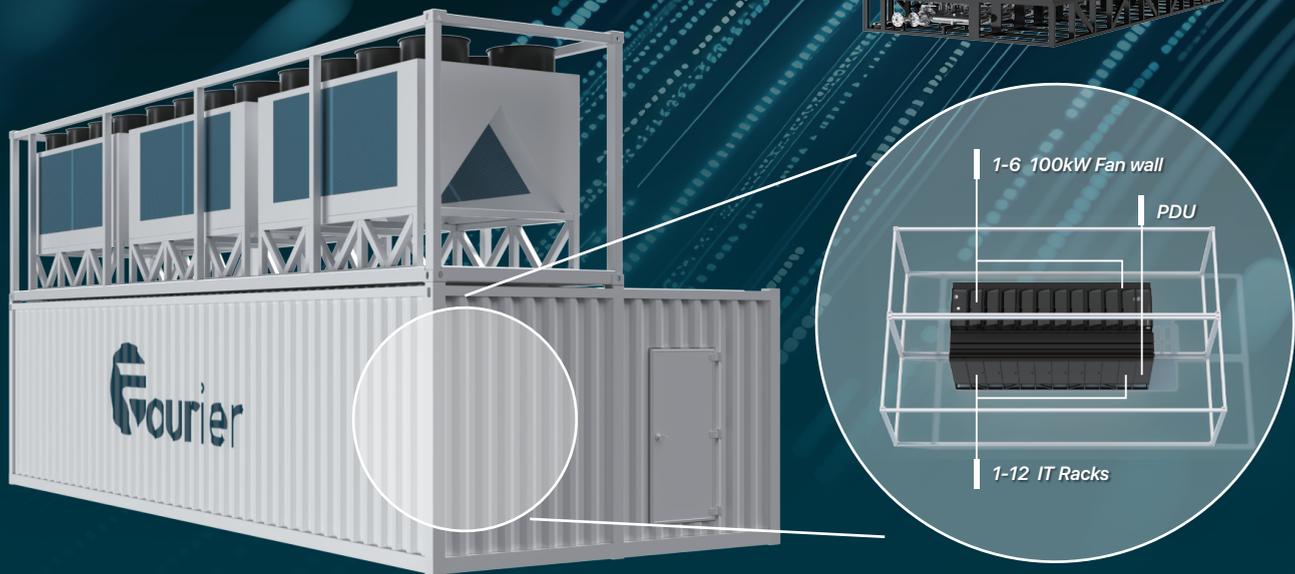


Computing & Cooling

Fan Wall Container (Chiller Integrated)



Overview

Fourier next-generation chiller integrated fan wall container directs server exhaust straight into the cooling unit to maximize air-side performance while it integrates cold plate liquid cooling to reach higher power density and efficiency. Flexible tuning of air and liquid sides ensures readiness for future GPU upgrades, protecting initial investments and ensuring long-term scalability.

Features

- Supports 40 kW high-density air-cooled racks; combined with cold-plate liquid cooling, per-rack cooling capacity exceeds 200 kW.
- Up to 6 × 100 kW fan wall units (5+1 redundancy).
- Front and rear aisle doors with sealed hot aisle; skylights automatically open only in case of fire via safety linkage.
- Dual A/B power distribution units with remote monitoring support.
- Supply air temperature options: 17–35 °C; Liquid cooling options: 25/45 °C, 38/45 °C, 40/50 °C.
- Fan wall and cold-plate CDUs can be paired with Fourier patented chillers; water consumption ≈ 0.
- Cold-plate system provides fully free cooling below 24 °C, with overall PUE < 1.25.
- Available as skid-mounted transport or pre-fabricated integration in 2 containers for rapid deployment.