

EASY 2MINE

Full-Chain Liquid Cooling Infrastructure for AI Data Centers

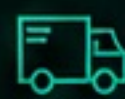
CDU • Manifold • SFN • Cold Plate • Tank



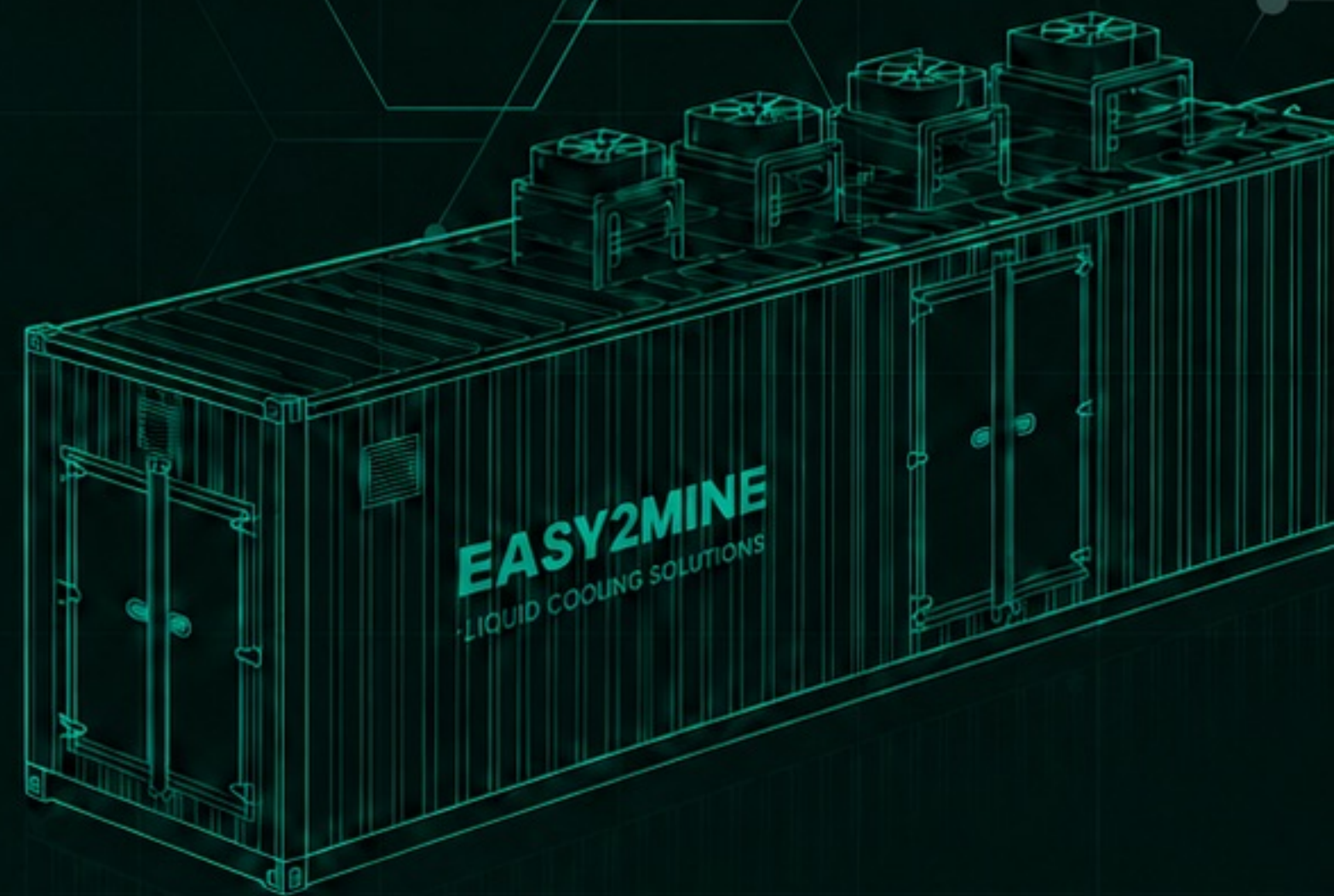
65kW – 1500kW



PUE $\leq$ 1.2



Fast Delivery
in 12 Weeks



PRODUCT CATALOG

easy2mine.io

2026

Customized Liquid Cooling Solutions

End-to-End Integration • High Power Density • Rapid Deployment • International Certification

For different industries and application scenarios, we provide customized liquid cooling solutions, supporting non-standard design across multiple dimensions such as functionality, appearance, parameters, and dimensions. Flexible solutions can meet customized needs for high-power heat dissipation, high energy efficiency, low noise, and complex deployment environments.



Custom Design

Designed and manufactured on demand to meet the personalized requirements of different projects.



Safety Protection

Operates isolated from air, reducing the impact of dust and ensuring long-term system stability.



High Heat Density

Suitable for heat dissipation scenarios for high-power, high-heat-flux-density electronic equipment.



Low Noise

Optimized for quiet environments to meet low-noise operation requirements.



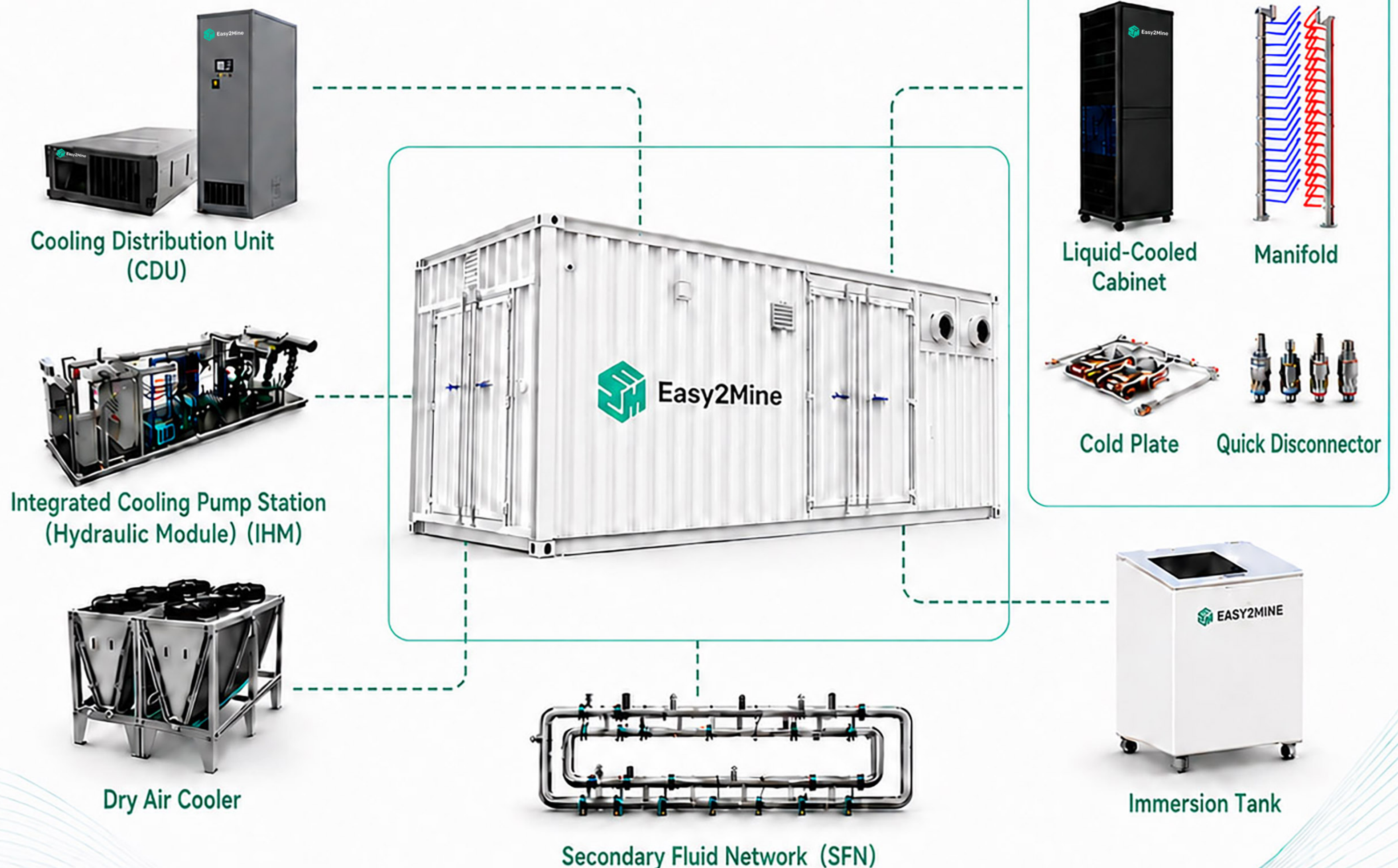
UL & CE Certification

Certified by UL and CE, meeting international safety and compliance requirements.

Full-Chain Liquid Cooling Solution

End-to-End Collaboration • Efficient Cooling • Stable and Reliable • Rapid Deployment

Covering cooling source, distribution, heat exchange, connection, end devices, and system integration, we provide an integrated liquid cooling solution to support the stable, efficient, and safe operation of high-power equipment.



Note: The above is a typical solution topology. The specific configuration can be customized according to project requirements.

CDU Liquid Cooling Product Solutions

Efficient & Stable • Intelligent & Reliable • Full-Scenario Coverage

Single-Phase / Two-Phase CDU



The CDU is the core hydraulic hub of a liquid-cooling system, connecting the cooling source (dry cooler / chiller unit) with the load (liquid-cooled servers / cabinets), especially in high-density data centers. It manages the circulation and distribution of the coolant, delivering it to servers and other IT equipment that require cooling.

Product Features



High Reliability

Key components include circulation pumps and secondary-side temperature and high-pressure sensors. Dual power supply modules provide high redundancy.



Flexible Deployment

10–150 kW CDUs use rack-mounted deployment. 300–2000 kW CDUs can be deployed in the utility room in single or dual paths, or side-by-side with cabinets.



Easy Maintenance

Water and electricity are separated. The front door is used for electrical-control maintenance, and the rear door for piping maintenance. Temperature and pressure sensors support online maintenance.



Intelligent Monitoring

The operating interface is user-friendly, with multiple control modes such as differential pressure, flow, and temperature, plus multi-level alarms and emergency response.

Rack-Mount CDU



Model	CDU-C100-8.7	CDU-C200-18YY	CDU-C65-6
Rated Cooling Capacity (kW)	100	200	65
Rated Flow Rate (L/min)	145	317	100
Primary Supply Liquid Temperature (°C)	35	35	40
Secondary Return Liquid Temperature (°C)	40	40	45
Equipment Type	Rack-Mount	Rack-Mount	Rack-Mount
Weight (Dry, kg)	100	150	80
Dimensions (mm)	850×445×175	898×535×287	482×725×270
Power Supply	48V	48V	220V/50Hz
Max Power (kW)	1.5	1.7	0.6
Others	Hoisting transport, 50.5 clamp connection or as required by customer	Hoisting transport, 50.5 clamp connection or as required by customer	Hoisting transport, 50.5 clamp connection or as required by customer

In-Row CDU



Model	CDU-J250-22.5	CDU-J300-27	CDU-J520-85YY	CDU-J1500-135YY-03
Rated Cooling Capacity (kW)	250	300	520	1500
Rated Flow Rate (L/min)	375	450	1417	2200
Primary Supply Liquid Temperature (°C)	35	35	35	41
Secondary Return Liquid Temperature (°C)	40	40	40	45
Equipment Type	Cabinet Type	Cabinet Type	Cabinet Type	Cabinet Type
Weight (Dry, kg)	700	700	1000	2000
Dimensions (mm)	600×1200×2200	600×1200×2200	1000×1400×2200	1500×1200×2300
Power Supply	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
Max Power (kW)	8	8	16	22.5
Others	Hoisting transport, bottom piping, 76.2 clamp connection or as required by customer	Hoisting transport, bottom piping, 76.2 clamp connection or as required by customer	Hoisting transport, bottom piping, 7W100(A)-16RF / HG/T20592 or as required by customer	Hoisting transport, bottom piping, PL150(B)-16RF / HG/T20592 or as required by customer

● **Note:** The above are typical specification ranges. Specific configurations can be customized according to project requirements.

Prefabricated Liquid Cooling Container and Dry Cooler Solution

Rapid Deployment • Efficient Heat Dissipation • Stable and Reliable

Prefabricated Liquid Cooling Container



Designed for emergency capacity expansion, edge computing, temporary equipment rooms, and rapid deployment in remote locations, the prefabricated liquid cooling container adopts factory prefabrication and modular integrated design, enabling high deployment efficiency and short delivery cycles. It provides an integrated liquid cooling solution from the cooling source to the entire container.

Product Features



Rapid Deployment

Factory-prefabricated; convenient on-site installation; shortened delivery cycle.



Modular Integration

Cooling, power distribution, monitoring, and other systems are highly integrated.



Flexible Expansion

Supports on-demand configuration and capacity expansion.



Efficient Liquid Cooling

Suited for high-density computing scenarios with stable and efficient operation.

Dry Cooler



As an important outdoor heat rejection device in liquid cooling systems, the dry cooler can be combined with integrated cooling pump stations and hydraulic modules to form a closed-loop cooling unit. It requires no evaporative water consumption and is suitable for water-saving, environmentally friendly, and severe cold freeze-protection applications.

Product Features



Near-Zero Water Consumption

No evaporation or spray; water-saving and environmentally friendly.



Easy Maintenance

Clear structure and low maintenance cost.



Strong Freeze Protection

Closed-system operation, adaptable to cold environments.



Optimized for Liquid Cooling Applications

Meets medium and high-temperature heat exchange requirements and matches liquid cooling systems.

Liquid Cooling Cabinet

High-Performance Liquid Cooling Cabinet (42U)

Ultra-High Heat Dissipation · Modular Expansion · High-Density Deployment



42U

Cabinet
Capacity



≤100kW

Single-Cabinet
Heat Dissipation



11m³/h

Supply/Return
Liquid Flow Rate



10°C

Supply/Return
Temperature
Difference

Product Parameters

Name	High-Performance Liquid Cooling Cabinet (42U)
Typical Application Scenarios	Supercomputing centers & AI training clusters; high-density GPU server clusters; supporting liquid cooling for 5G base station BBUs
Core Advantages	Ultra-high heat dissipation, modular expansion, high-density deployment
Cabinet Capacity	42U
Heat Dissipation	≤100kW
Supply/Return Temperature Difference	10°C
Supply/Return Liquid Flow	11m ³ /h
Coolant	Deionized Water / Pure Water / Distilled Water / Antifreeze
Dimensions	600×1200×2000mm
Filtration Precision	50μm - 100μm

Application Scenarios



Supercomputing
Center



AI Training
Cluster



High-Density
GPU Servers



5G BBU Liquid
Cooling

Core Advantages



**Efficient Heat
Dissipation**

Ultra-high heat
dissipation ensures
stable system
operation



**Modular
Expansion**

Modular design
supports flexible
expansion



**High-Density
Deployment**

High-density
integration saves
space



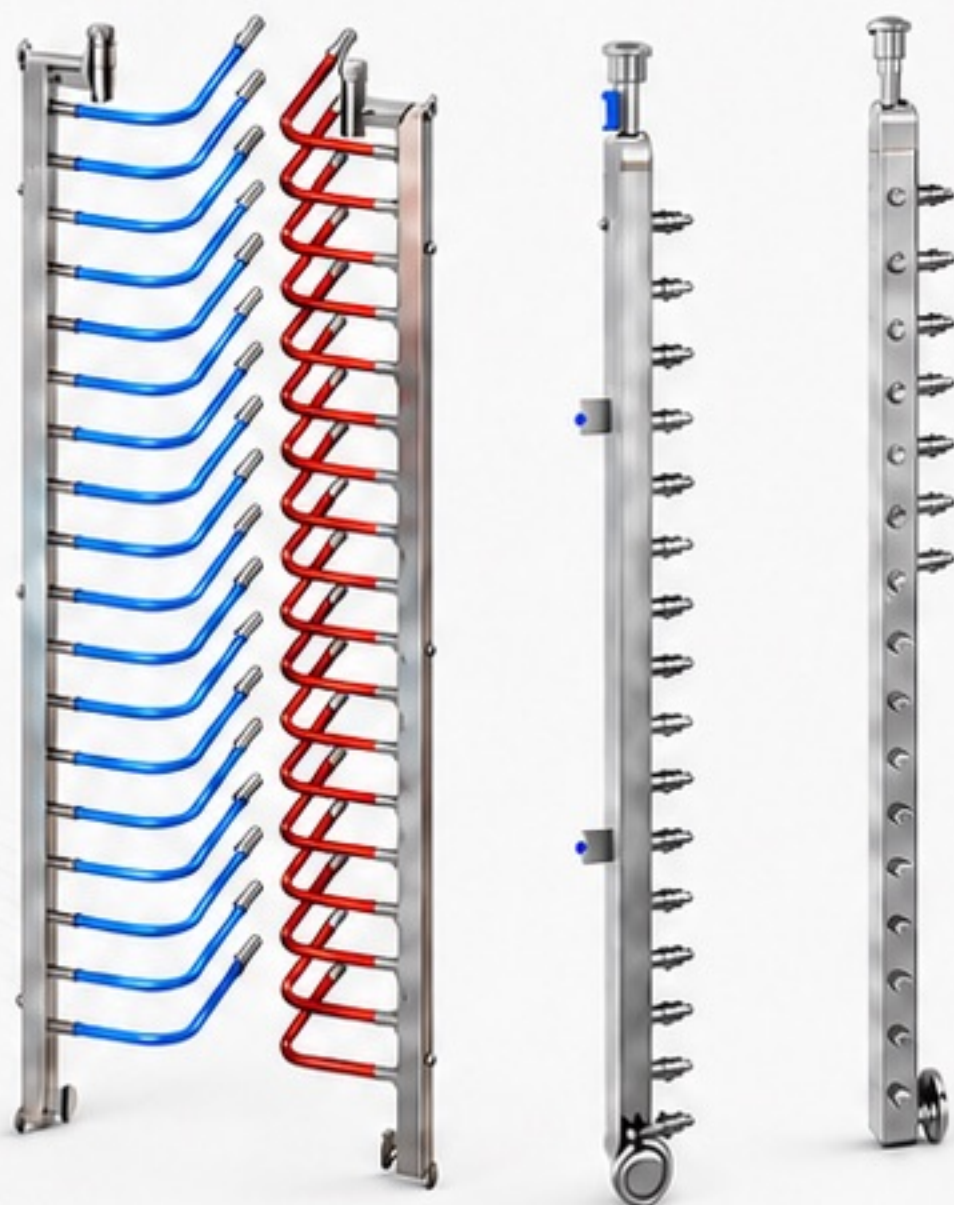
Safe & Reliable

Multiple protection
mechanisms for
long-term stable
reliability

● Note: Customized solutions can be provided according to project requirements.

Liquid Cooling Terminal Components

Efficient Distribution · Stable & Reliable · Flexible Adaptation



Manifold Solution

As a core distribution component of liquid cooling systems, the manifold evenly distributes coolant to the cold-plate liquid cooling servers of each IT device. Made of high-quality stainless steel, the product supports multiple cabinet installation methods and can be flexibly integrated with liquid cooling cabinets. It is suitable for scenarios such as data centers and high-performance computing, ensuring stable and efficient operation of the liquid cooling system.

Product Features



Premium Materials

The main body and components such as the vent valve are made of high-quality stainless steel, and the hoses use durable materials.



Flexible Adaptation

Supports multiple cabinet installation methods and can be flexibly integrated with liquid cooling cabinets.



Easy to Use

Adopts a drip-free quick-connect solution, making installation and maintenance more convenient.



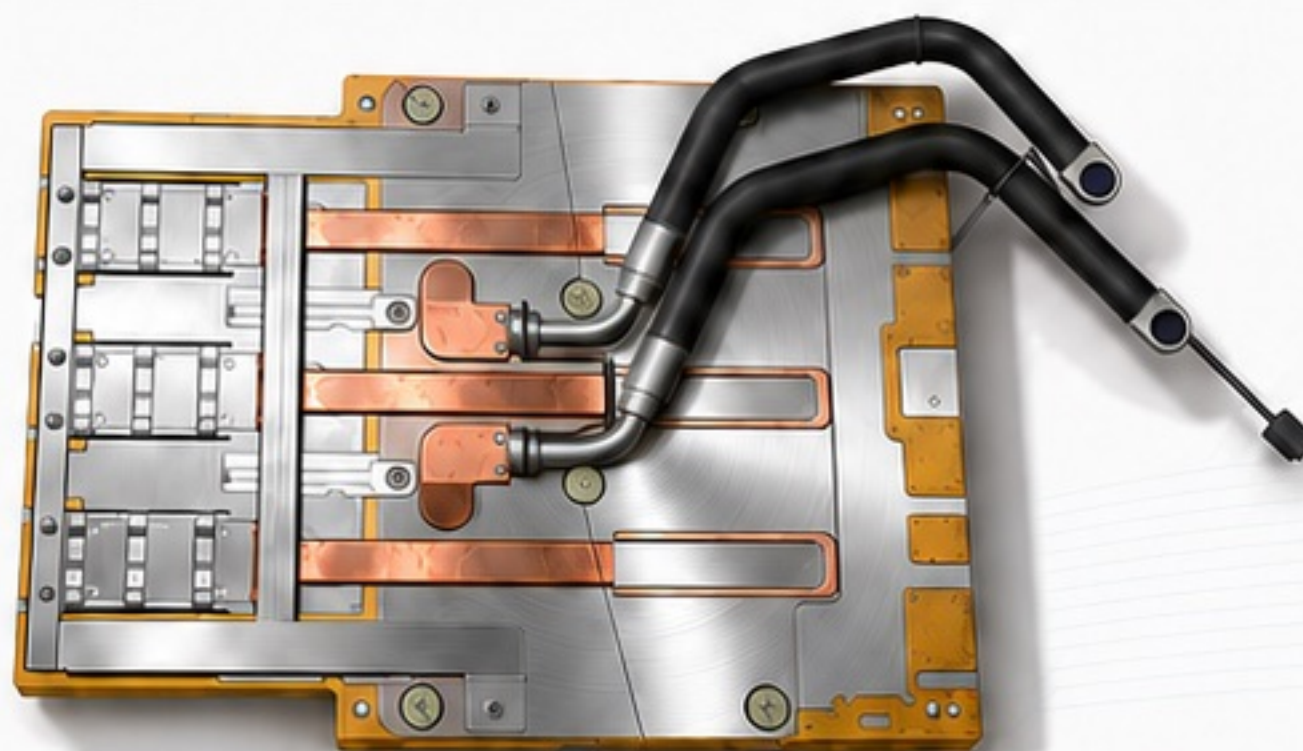
Even Distribution

Coolant can be evenly distributed to each node and branch, ensuring stable system operation.

Cold Plate

High Heat Flux Density · Stable Temperature Control · Multiple Sealing and Leak Prevention · Zero Leakage During Operation

Suitable for liquid cooling and heat dissipation of high-power chips such as DPUs, GPUs, and AI accelerator cards.



Quick Connector

Supports quick connect and disconnect, sealed leak protection, and facilitates cold-plate piping installation, maintenance, and replacement, reducing downtime.

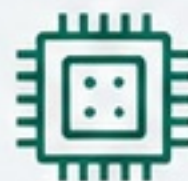
High-Density Computing Capacity per Container

— E2M1200 Accommodates 8 × GB300 NVL72 Racks —



8 Racks

High-Density Deployment



GB300 NVL72 × 8

Powerful Computing Configuration



1.2MW

Liquid Cooling Capacity

1	Server Support	GB300 NVL72 × 8 Racks
2	Peak IT Power	1.2MW
3	Peak System Power	1.5MW
4	Coolant	PG25 / DI Water
5	Inlet/Outlet Liquid Temp	40 / 55°C
6	Operating Environment	-25°C ~ 40°C
7	Certification	CE or Customizable on Request



High-Density Deployment

Supports 8 GB300 NVL72 racks in a single container to meet large-scale AI computing demands.



High-Efficiency Power Supply

1.2MW peak IT power, supported by a 1.5MW peak system power design.



Advanced Liquid Cooling Technology

PG25 / DI water coolant delivers stable, efficient cooling to ensure long-term reliable system operation.



Stable Operation Across a Wide Temperature Range

Operates reliably from -25°C to 40°C, adapting to a variety of harsh environments.



Safety & Compliance

CE-certified, or customizable on request, to meet global compliance requirements.