

High-density 1U standard chassis with immersion liquid cooling in stock



Overview

Featuring a remarkable 850mm immersion depth, the system achieves exceptional heat transfer (61-70 kW), translating to industry-leading power density (3.6-4 kW per 1RU) for your data center. Maintain your existing infrastructure with the familiar dimensions of a standard 1U. Supermicro liquid cooling solutions reduce power costs by up to 40%, accelerate time-to-deployment and time-to-online, and allow data centers to run more efficiently with lower PUE. Supermicro's proven liquid cooling solutions at scale enable data center operators to rapidly deploy the latest and greatest hardware. The InWin IW-RL100 is a 1U rackmount server chassis featuring a 1U-height AIO liquid cooling system that provides highly efficient heat dissipation in compact environments. This advanced cooling solution ensures stable and reliable performance, making it ideal for edge computing applications, or for AI workloads. The Standard Immersion Enclosure is a game-changer for AI-powered data centers seeking unmatched performance within a familiar footprint. Shop now for high-performance and customizable server solutions. Its improved energy efficiency and additional fluid distribution throughout the unit enhance cooling effectiveness.

Article Content

Design Guidelines for Immersion-Cooled IT Equipment

Considering the different compute requirements from users, immersion cooling is a good solution for high density IT equipment. To keep the height of the chassis as small as possible, components of

Hypertec TRIDENT iGW610R-G6: Immersion-Born 1U

The TRIDENT iGW610R-G6 is purpose-built for single-phase immersion cooling and supports a range of high-performance GPUs, including the

Liquid-Cooled Server

InWin server integration of water-cooling solutions ensures optimal heat dissipation and enhances computational efficiency.

Immersion cooling systems: Advantages and

Data center infrastructure is rapidly expanding, fueled by the ongoing rise of artificial intelligence (AI) and high-performance computing (HPC) workloads. As rack

LCS ZPServer | Immersion-Cooled Rack Server for Data

Designed for data centers and AI, the zero-pressure ZPServer offers maximum scalability with up to 4kW per standard rack unit. It's configured with the latest

Dynatron L3 Enclosed 1U Server Liquid Cooler - MITXPC

Expect Maximum Performance and High Efficiency from Dynatron's L3 All-in-one Enclosed 1U Server Liquid Cooler. Saving Power and Reducing Noise. Three

Single Phase Immersion Cooling Fluids

Improved Operational Metrics Uptime ratings, processor performance, compute density, server lifetime, CO2 impact and power-usage effectiveness can all be improved with immersion cooling.

Liquid Cooling Solutions for AI, HPC & Hyperscale

Experience superior liquid cooling solutions for high performance computing and AI applications. Contact us today to optimise your data centre's efficiency!

Rack-Scale Liquid Cooling Solutions | Supermicro

Dive into Liquid Cooling Server solutions, providing efficient thermal management. Ideal for high-performance computing, ensuring optimal operation.

MGX | CHENBRO

Collaborated with NVIDIA, Chenbro provides MGX 4U liquid-cooled server chassis solution designed for AI training and HPC applications. It supports up to 16 single

Supermicro Immersion Cooling

Supermicro, joined by 3M, Intel®, Kaori, and Samsung, demonstrates a proof-of-concept single-phase immersion liquid cooling system with our BigTwin server family of products. Supermicro's partner

Liquid cooling solutions for AI and high-density data

Explore our end-to-end liquid cooling solutions for AI, high-density IT, and sustainable thermal performance.

Immersion Cooling Solutions | High Performance And Sustainability

Unparalleled energy efficiency and performance with immersion servers, purpose-built for optimal cooling and sustainability in demanding computing environments.

Beating the heat in the data center: The industry's first

Today at Schneider Electric, we made an exciting announcement: we introduced our industry's first commercially-available integrated rack with chassis

Immersion Cooling for Data Centers: A Comprehensive

Immersion cooling is quickly becoming a leading choice for modern data centers that demand high performance, energy efficiency, and sustainability.

LCS ZPServer | Immersion-Cooled Rack Server for Data

DATA CENTER & AI LIQUID COOLING High density computing with Immersion-cooled rack servers for data centers & AI As software becomes more

mini-itx : Dynatron L25-1 All-in-one Liquid Cooler for

Dynatron L25-1 All-in-one Liquid Cooler suitable for cooling Intel Socket LGA 115x, LGA 1200, LGA 1700, LGA 2011/2066 Square ILM and AMD Socket AM2, AM3,

1U Rackmount Chassis / InWin / IW-RL100

The InWin IW-RL100 is a 1U rackmount server chassis featuring a 1U-height AIO

Immersion Cooling Servers | 2CRSi

Discover our range of submerged servers designed and ready for immersion cooling in 19" or 21" and our partners.

LiquidCool Solutions: Immersion-Cooled Rack Servers

Meet soaring compute demands efficiently with LiquidCool Solutions' versatile, immersion cooling for high-performance GPU dense servers. Perfect for data

Single Phase Immersion Cooling Solution | LiquidStack

The LiquidStack single phase immersion cooling system supports a range of tested and qualified fluids from various suppliers, enabling users to select the fluid that

Single Phase Immersion Cooling Solution | LiquidStack

Single Phase Immersion Cooling LiquidStack advanced flow technology optimizes heat transfer and rejection by directing fluid into the chassis to cool servers

Immersion Cooling Servers | 2CRSi

Immersion cooling involves immersing computer components or entire servers in a thermally, but not electrically, conductive liquid (dielectric coolant). This method is

Schneider Electric Announces Industry-First, All-In-One Liquid Cooled ...

Schneider Electric Announces Industry-First, All-In-One Liquid Cooled, EcoStruxure™ Modular Data Center - World's first prefabricated, modular data centre with chassis-level precision

Server Immersion Enclosure

Featuring a remarkable 850mm immersion depth, the system achieves exceptional heat transfer (61-70 kW), translating to industry-leading power density (3.6-4 kW per 1RU) for your data center. Maintain

Schneider Electric Explores Liquid Cooled Data Centers

Dubbed EcoStruxure, the solution features chassis-level precision immersion cooling to enable high-performance processing as well as enhanced

Schneider Electric Explores Liquid Cooled Data Centers

As thermal management is increasingly becoming a concern for design engineers, Schneider Electric has announced a new liquid-cooled,

Server Chassis & Rackmount Cases | 1U, 2U, 4U

We offer a wide selection of 1U, 2U, and 4U rackmount cases, as well as tower server chassis from top brands like Rosewill, Supermicro, Chenbro, and

The immersion cooling technology: Current and future development in ...

Meanwhile, the liquid immersion cooling technology is denser in terms of server density and this means two of the system can be installed in a place occupied by just one traditional system.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://pvprojekt.com.pl>

Email: contact@pvprojekt.com.pl

Phone: +48 512 897 346

Address: ul. Tęczowa 17, 61-001 Poznań, Greater Poland Voivodeship, Poland

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