Rackmount
4U 8GPU Barebone

Professional Liquid Cooled Rack Mount Case

Experience unparalleled performance and reliability with our cutting-edge rack-mounted liquid-cooled server case. Designed for scalability and durability, it ensures efficient cooling, seamless expansion, and hassle-free maintenance for high-demand workloads.

Optimized for:

- Data Science
- Machine Learning & Deep Learning
- Scientific Computing
- AI LLM, GM, IRM, RM...

8x GPU	4U
5x 2000W PSU	EASY LOOP
50 SERIES READY	AI HPC

Learn more:

Quick Specs:

- Supports Up to 8 GPUs / **GeForce 50-Series Ready**
- Efficient Water-Cooling Technology
- Maximized Performance & Reliability
- Redundant Power Supply
- Future-Proof and Easily Expandable
- Industry-Grade Durability
- Quick and Easy Servicing

Innovation Sets Us Apart

SUPPORTS UP TO 8 GPUS
Designed for top-tier performance, this 4U workstation accommodates up to 8 full-height, full-width liquid-cooled GPUs, including next-generation Nvidia graphics cards. Water cooling allows the server rack to be fitted with twice as many graphics cards as a traditional air-cooled system. Giving you maximum compute in the smallest form factor possible.

REDUNDANT POWER SUPPLY
A failsafe design with a redundant power supply guarantees uninterrupted operation, even under heavy loads

FUTURE-PROOF WITH GEFORCE 50-SERIES GPU SUPPORT
Built to adapt to evolving needs, it supports dual- and single-socket motherboards, high-performance CPUs from Intel®, AMD®, and Ampere®, and the latest NVIDIA GeForce 50-Series GPUs for next-level performance and scalability.

Why Liquid Cooling?

UNPARALLELED COOLING PERFORMANCE
Water is more effective at removing heat, resulting in lower sustained operating temperatures.

QUIET OPERATION
Larger fans move more air at lower speeds and are almost imperceptible under normal operation.

GREATER PERFORMANCE OUTPUT
Eliminating thermal throttling removes bottlenecks and increases performance output.
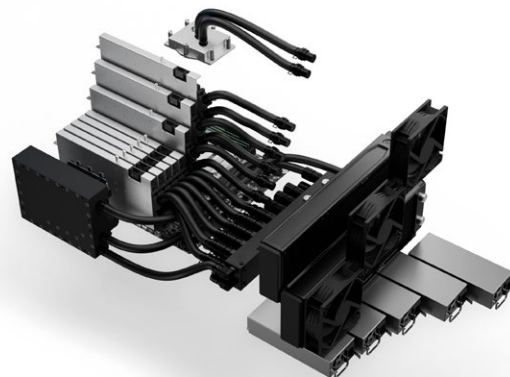
INCREASED COMPUTE DENSITY
Liquid cooled GPUs occupy less space, allowing 2x – 3x compute power in the same cubic footprint.

LONGER LIFESPAN
Liquid cooling eliminates thermal fatigue, allowing components to stay cooler and last longer.

4U 8GPU Barebone

Cooling	EK Liquid-Cooling Kit	
	Pump:	2x Laing D5
	Radiators:	360 mm
	Tubes:	EK ZMT 10/16
	Fans:	3x 120 mm
	Manifold:	8x GPU, 2x CPU
	GPU Cooling	GPU Block
	CPU Cooling	CPU Block
Case	4U8G-FF-CASCADE	
	Model No.:	SST-4U8G-FF-CASCADE
	Chassis form factor:	4U
	Motherboard:	SSI-EEB (12.63" x 13") (12.4" x 14")
	Expansion Slot:	Standard PCI Expansion Slots x8
	Front I/O Port:	USB-Type C x 1 USB-A x 2 Power Button Reset Button +Motheboard I/O
	Indicators:	Power LED x 1: Blue HDD Access x 1: Green LAN LED x 2: Green
	Expansion Slot:	435mm (W) x 176mm (H) x 720mm (D) 17.13" (W) x 6.93" (H) x 28.35" (D)
	Main Metal Thickness:	1.0~1.2mm
Power Supply	SilverStone SST-GM2000C-PF	
	Type:	CRPS 4+1
	Output Power:	5x 2000W Platinum
CPU	1 or 2 CPU Supported	
	AMD®	Threadripper® Series EPYC® Series
	Intel®	Xeon® Series
GPU	Up to 8 GPU Supported	
	Nvidia® GeForce® Series / **50-Series Ready** Nvidia® Professional AMD® Radeon® Series	

Who Is It For?

This workstation is purpose-built for demanding applications, including:

- AI and Machine Learning: For training and inference of cutting-edge algorithms.
- High-End 3D Rendering: Perfect for complex animations and visualization projects.
- Scientific Simulations: Handles compute-intensive workloads with ease.
- Cybersecurity & Forensics: Designed for secure, high-performance operations in specialized labs.
- Photogrammetry: For creating high quality 3D models and digital twins

Compact High-Performance Design

Designed to maximize computational performance in minimal space, this 4U rackmount workstation provides unprecedented density for liquid-cooled components. With support for up to 8 full-length GPUs and a compact footprint, it delivers top-tier performance while reducing operational costs.

435 mm
17.13"

720 mm
28.35"

176 mm
6.93"

4U Design