

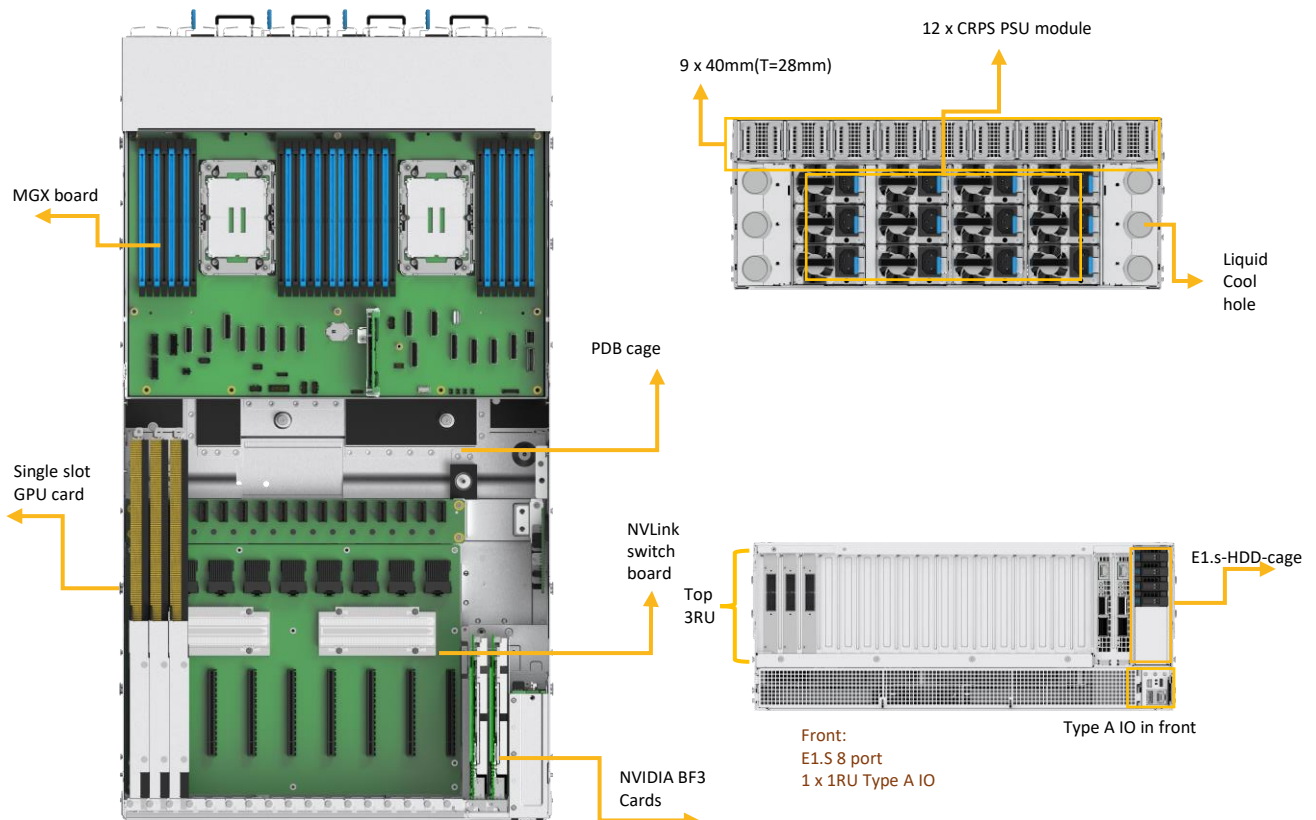
MGX 4U Series NVIDIA MGX™ 4U Liquid Cooling AI Server Chassis



The 4U MGX liquid cooling configuration designed for enterprises with advanced computational needs is tailored to meet the demands of AI computing. It features water-cooled manifold technology and is ideal for businesses demanding superior performance and scalability.

Features

- MGX is an 800mm AI-powered HPC (High-Performance Computing) system for deep learning training in enterprise applications.
- Liquid cooling architecture distributes the coolant to the GPU card assembly, motherboard, and switchboard tray by internal manifold. The architecture enhances energy efficiency and reduces operational costs, making the system ideal for high-performance data centers.
- Supports up to 16 liquid-cooled single-slot GPUs, ensuring optimal thermal efficiency for high-intensity workloads.
- The MGX system offers unparalleled flexibility, seamlessly integrating into any data center environment, and supporting various compute-intensive tasks, including AI and machine learning.



Specifications

Model Name	MGX 4U liquid cooling
M/B Form Factor	MGX (12.0" x 16.7"), Micro-MGX (12.0 x 8.3")
Dimension (D x W x H)	800mm x 438mm x 175mm
Drive Bay	Front: - E1.S 8 port 1 x 1RU Type A IO
GPU card support	- Up to 8 x dual slot GPUs - Up to 16 x single slot GPUs
Storage Backplane	N/A
PSU Form Factor	12 x Redundant 185mm CRPS
Indicators	Type A I/O module, depends on system partner I/O board design
Front Control	Type A I/O module
Cooling Fans	Rear : 9 x 40mm (T=28mm)
System Security	N/A
Expansion Slot	8 x DS FHFL PCIE cards for top 3RU space 16 x SS FHFL PCIE cards for top 3RU space ※ Maximum Limitation of GPU card: 300mm (L) x 111.5mm (W) x 39mm (H)
GPU card support no.	Up to 8 x dual slot GPUs Up to 16 x single slot GPUs
Slide Rail	MGX Rail
Net Weight	30 kg
Gross Weight	40 kg
Carton dimension (D x W x H)	140cm x 60cm x 30cm

Chenbro

Founded in 1983, Chenbro (TWSE: 8210) has been the trailblazer in designing and manufacturing of own-brand rackmount system, tower server and PC chassis for over 41 years. Chenbro is not only qualified by the first-tier server brands and provides OEM, ODM and JDM services with EMS companies, but also successfully extends its business footprint to datacenters and industrial solutions by continuously investing in technologies and delivers the most trusted server and PC chassis with the highest standard of innovation.

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