

MGX 2RU Compute tray

The 2RU MGX compute tray is a server chassis explicitly designed for the GB200 NVL36. The GB200 NVL36 is poised to revolutionize AI by creating a powerful AI factory for the new industrial era. It has 9 compute trays and houses 18 Grace CPUs and 36 Blackwell GPUs. The chassis design supports blind-mate liquid-cooled, accommodating 2 GB200 Superchips per chassis, ensuring efficient and scalable supercomputing performance.

Features

- Chassis accommodates with 2x GB200 Superchips.
- Chassis design for blind-mate liquid-cooled.
- Design for supercomputing GB200 NVL36 - 9 compute trays in a rack with 18 Grace CPUs and 36 Blackwell GPUs.
- GB200 NVL36 server rack solution can build an AI factory for the new industrial revolution.



C- 1U 8x E1.S + IO Module



B- 1U PCIe + I/O Module



B-1U PCIe + RJ45

Chenbro provides the
L3 server chassis and
modules without PCBA.

MGX 2RU Compute tray
Data Center

D : 766 mm
W : 440mm(top cover) / 438mm(bottom)
H : 87mm
Fixed architecture for Oberon

Specifications

Model Name	MGX 2RU Compute tray
M/B Form Factor	Micro-MGX (12.0 x 8.3")
Dimension (D x W x H)	766 x 438 x 87 mm, 30.2" x 17.2" x 3.4"
Drive Bay	2 x 1RU Long Bay-B bay FH PCI-E and IO for Oberon 1 x 1RU Short Bay-C bay E1.s x8 + IO
GPU card support no.	GPU solution on board GB200, with 4 Blackwell GPUs
Storage Backplane	2 x E1.S 4 port
PSU Form Factor	Rack busbar power solution, no power module in chassis
Indicators	N/A
Front Control	N/A
Cooling Fans	6 x 6056(T=56mm), PWM 25700/24600 RPM, for GB200 cooling use liquid cool solution
System Security	N/A
Expansion Slot Opening	2 x FH PCIE cards
Slide Rail	MGX Rail
Net Weight	13 KG
Gross Weight	17 KG
Carton dimension (D x W x H)	960mmx580mmx195mm
Cubic feet	5.06
Container Loading	20': 450, 40': 930

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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