

## RM256 DC-MHS FLW Server Chassis

The RM256 DC-MHS FLW server chassis excels in cloud computing and data center applications with its modular design and versatile hardware configurations. It supports EDSFF with up to 24 bays for E1.S and accommodates 8 full-height cards or 3 double-width GPGPU cards. This robust and scalable solution also supports an open-loop liquid cooling system for optimal thermal management.

### Features

- Supports single/dual-socket motherboard (M-FLW)
- Supports up to 24 bays of E1.S NVMe Gen5
- Compatible with E1.S 1T/2T modules and E3.S 1T/2T modules
- Supports up to 8 full-height cards or 3 double-width GPGPU cards
- Supports up to 2700W 1+1 CRPS
- Supports 6 x 6056 (T=56mm) cooling fans
- Rear window design supports an open-loop liquid cooling system (optional)



3 x 2-FH module

Supports up to 2700W 1+1 CRPS



- 1 x 1-FH module + 1 x 1-LP module (default)
- 2 x 1-FH module (optional)

1 x DC-SCM  
2 x OCP or 2 x E1.S + 1 x OCP

### 2U Storage Configurations Existing Modules



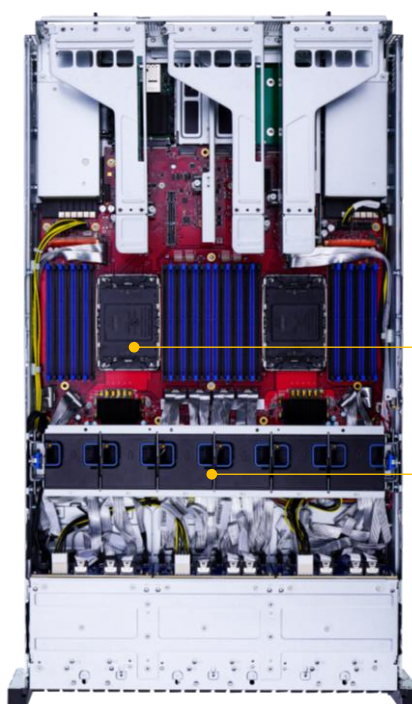
24-bay 2.5" NVMe Gen5



4-bay 3.5" SAS/SATA + 8-bay 3.5" Tri-mode



16-bay E1.S 2T NVMe Gen5



Supports single/dual-socket MB (M-FLW)  
13.7" (18.4") x 16.7"

Supports 6 x 6056 25700/24600 RPM fans

Chenbro provides the L3 server chassis and modules without PCBA, but certain electronic components are available as optional add-ons.

# Specifications

	SKU1	SKU2	SKU3
MB Form Factor	Supports single/dual-socket MB (M-FLW) 13.7" (18.4") x 16.7"		
Dimension (D x W x H)	770.0 mm x 438.0 mm x 87.0 mm; 30.3" x 17.24" x 3.4" (deepest: 793.6 mm)		
Storage Bay	Front: 24-bay 2.5" Rear: 2-bay E1.S 1T	Front: 12-bay 3.5" Rear: 2-bay E1.S 1T	Front: 16-bay E1.S 2T
Storage Backplane	Supports 3 x 8-port 2.5" NVMe Gen5	Supports 1 x 12-port 8 Tri-mode <NVMe Gen4/ SAS/SATA3> + 4 SAS/SATA3	Supports 2 x 8-port E1.S NVMe Gen5
PSU Type*	Supports 2400W 1+1 CRPS	Supports 2000W 1+1 CRPS	Supports 2400W 1+1 CRPS
Cooling Fan	Supports 6 x 6056 (T=56mm) 25700/24600 RPM		
Front Control	1 x Power On/Off, 1 x System Reset, 1 x UID, 2 x USB 3.0		
System Security	Yes (optional)		
Indicator	1 x Power Status, 1 x UID, 1 x HDD Activity, 1 x System Status		
Expansion Slot	3 x 2-FH module 1 x 1-FH module + 1 x 1-LP module 1 x DC-SCM 2 x E1.S + 1 x OCP	3 x 2-FH module 1 x 1-FH module + 1 x 1-LP module 1 x DC-SCM 2 x E1.S + 1 x OCP	3 x 2-FH module 1 x 1-FH module + 1 x 1-LP module 1 x DC-SCM 2 x OCP
GPU Supported	Supports 3 double-width GPGPU cards (using 3 x 2 FH module spaces)		
Slide Rail	Slide rail kit w/o CMA support (2-sections): works for 438 mm width 1U/2U rack chassis, P2P: 26" to 33", traveling distance 22", maximum load weight: 31 kg (68.34 lbs.), tool-less (*CMA support for 3-section slide rail kit, optional)		

\*Different PSU models available, see the list below:

	CRPS	2000W	2400W	2700W
TITANIUM		132-42000-0500A0 FSP FSP2000-20HM	132-20000-0010A0 FSP FSP2400-20HM	132-30000-0028A0 FSP FSP2700-20HM
PLATINUM		132-42000-0701A0 Acbel R1CA2202B	132-20000-0001A0 FSP FSP2400-20FM	N/A
		132-30000-0004A0 FSP FSP2000-20FM	N/A	N/A

## 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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