

RM156 DC-MHS FLW Server Chassis



The RM156 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. Its rear expansion flexibly supports 2 OCP slots or 2 bays of E1.S with 1 OCP slot. 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
- Supports 1 full-height card + 1 low-profile card (default) or 2 full-height cards (optional)
- Supports 1600W 1+1 CRPS
- Supports 8 x 4056 (T=56mm) cooling fans
- Rear window design supports an open-loop liquid cooling system (optional)

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

Supports 1600W 1+1 CRPS

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



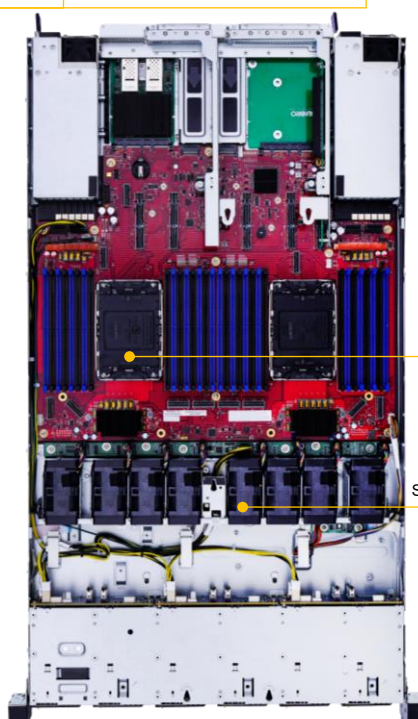
1U Storage Configurations Existing Modules



8-bay E1.S 2T NVMe Gen5



12-bay 2.5" NVMe Gen4 (tray-less)



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

Supports 8 x 4056 32000/27000 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
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 438.5 mm x 43.0 mm; 30.3" x 17.26" x 1.7" (deepest: 787.6 mm)	
Storage Bay	Front: 8-bay E1.S 2T	Front: 12-bay 2.5" (tray-less) Rear: 2-bay E1.S 1T
Storage Backplane	Supports 1 x 8-port E1.S NVMe Gen5	Supports 3 x 4-port 2.5" NVMe Gen4
PSU Type*	Supports 1600W 1+1 CRPS	
Cooling Fan	Supports 8 x 4056 (T=56mm) 32000/27000 RPM	
Front Control	1 x Power On/Off, 1 x System Reset, 1 x UID, 1 x USB 2.0, 1 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	1 x 1-FH module + 1 x 1-LP module 1 x DC-SCM 2 x OCP	1 x 1-FH module + 1 x 1-LP module 1 x DC-SCM 2 x E1.S + 1 x OCP
GPU Supported	N/A	
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)	

*The product mechanically supports 24 bays of E1.S, while electronically supports 8 bays. Models with the E1.S cage do not support bezel installation.

*Different PSU models available, see the list below:

CRPS	1600W	2000W	2400W
TITANIUM	132-30000-0029A0 FSP FSP1600-20HM	132-42000-0500A0 FSP FSP2000-20HM	132-20000-0010A0 FSP2400-20HM
PLATINUM	132-41600-0701A0 Acbel RICA2162B	132-42000-0701A0 Acbel R1CA2202B	132-20000-0001A0 FSP FSP2400-20FM
	132-41600-0500A0 FSP FSP1600-20FM	132-30000-0004A0 FSP FSP2000-20FM	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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