Product Brief — RM238 series

2U Dual Sockets General Purpose Modular Server/Storage Chassis

CHENBRO

Main view

Front view-8x3.5''hard drives

Front view-12x3.5''hard drives

Front view-24x2.5''hard drives

Rear view-RPSU

Rear-Single PSU

Key Features

- 2U chassis support E-ATX/12"x13",ATX/12''x9.6'' MB
- 8x3.5''/12 x 3.5", or 24x2.5" hot-swap drive bay option, optional 2 x 2.5" rear hot-swap drive bay
- 12G SAS3/SATA3 expander or passive backplane
- Front access USB 3.0 port.
- Up to 4x80mm hot-swap high performance PWM fans
- 7x low profile PCIe slots, optional 3x full height PCIe slots with riser card
- 1+1 redundant CRPS PSU, optional fix PSU
- Optional easy use too-less or cost effect friction rails avail.

Product Highlights

- **High storage flexibility**– Flexible module hot-swap 3.5''(x8 or x12) HDD/SSD drives or 2.5''(x24) HDD/SSD drives on device cage can best meet all feature solution require.

- **High I/O expansion slot flexibility** –Supports 7x low profile PCIe slots in default, Optional 3x full height PCIe slots via a FH PCIe retainer.

- **High performance and efficiency–**Configures with 12Gb/s SAS HDD backplanes and USB3.0 to secure data rate; Comes with 80+ Platinum CRPS Power and optimizes system cooling with PWM fan.

- **Friendly system maintenance –** Supports full tool-less for installation, including HDD cage, HDD tray, top cover, fan module ,fan cage, and PSU.

Technical Specifications

Specification		Details	RM23808	RM23812	RM23824
M/B Form Factor		E-ATX（12"x13"）	v	v	v
		ATX (12"x9.6")	v	v	v
Dimension (Dx Wx H)		660mm(D)x438mm(W)x87mm(H) 26"(D)x17.2"(W)x3.5"(H)	v	v	v
Drive Bay	Front	8x3.5'' Hot-swap	v	-	-
		12x3.5'' Hot-swap	-	v	-
		24x2.5'' Hot-swap	-	-	v
	Rear	2x2.5'' Hot-swap	o	o	o
	Internal	2x2.5'' fix	v	-	-
HDD Backplane		12Gb/s Mini-SAS HD direct-attached, SGPIO,I2C	v	o	o
		12Gb/s Mini-SAS HD with expander, SGPIO,I2C	-	v	v
PSU Form Factor		1+1 Redundant CRPS	o	v	v
		2U single fix	v	o	o
Indicator		1 x Power Status, 2 x LAN Activity, 1xUID,1 x HDD Status, 1 x System status	v	v	v
Front Control		Power On/Off, System Reset, UID	v	v	v
Front I/O		USB3.0/2.0,	1xUSB3.0	2xUSB3.0	2xUSB3.0
		VGA	o	o	o
System Security		Intrusion switch	o	o	o
Cooling Fans(Max)		Middle: 3x 80mm,(up to 4), Hot-swap/Fix, PWM	4x8025 Fix	3x8038 Hot-swap	3x8038 Hot-swap
Expansion Slot		7x Low profile	v	v	v
		2x Full height,x8 PCIe electrically	o	o	o
Front Bezel		2U sheet metal bezel	o	o	o
Metal Thickness		SGCC, T=1.2mm	v	v	v
Container Loading		20':128,40':288,40'H:324	v	v	v