

RM23524

2U Modular Multi-function Computing and Storage Chassis

Cloud Computing

RM235 is a member of Chenbro modular server supporting removable 2.5" or 3.5" hard drive cage that has corresponding 6Gb/s mini-SAS backplanes with or without expander chip on boards. The traditional 6Gb/s SATA backplane is also available to deliver a competitive product feature set.



Expander backplane



84H341810-015
3.5" HDD cage with 12-port 6Gb/s expander backplane



84H341810-009
2.5" HDD cage with 24-port 6Gb/s expander backplane

Mini-SAS backplane



84H323510-003
3.5" HDD cage with 8-port (4-port 2pcs) 6Gb/s mini-SAS backplane



84H341810-014
3.5" HDD cage with 12-port (4-port 3pcs) 6Gb/s mini-SAS backplane

Mass Storage

Features & Benefits

- Modular 8-bay and 12-bay 3.5" HDD cages with 6Gb/s mini-SAS backplane
- Modular 24-bay 2.5" HDD cages with 6Gb/s mini-SAS backplane
- 12-port (3.5") and 24-port (2.5") mini-SAS backplane with or without expander
- Built-in 3 x 80mm hot-swap middle fans
- Fan bar with anti-vibration mechanism
- Support 2U single and 1+1 redundant PSU

Specification

Model Name	• RM235
M/B Form Factor	• Extended ATX (12"x13")
Dimension (D x W x H)	• 699 x 432 x 88 (mm), 27.5" x 17" x 3.5"
Drive Bay	• RM23508: 8 x 3.5" Hot-swap HDD, 1 x Slim ODD, 2 x internal 3.5" • RM23512: 12 x 3.5" Hot-swap HDD • RM23524: 24 x 2.5" Hot-swap HDD
PSU Form Factor	• 2U Single or 1+1 Redundant
Indicator	• 1 x Power Status, 1 x HDD Activity, 2 x LAN Activity • 1 x Fan Failure and Overheat
Front Control	• Power On/Off, Alarm Mute, System Reset, 2 x USB 2.0
System Security	• Intrusion Switch
Cooling Fan	• Middle: 3 x 80mm (T=38mm), PMW, Hot-swap • Rear: 2 x 40mm (Option)
Slot Opening	• 3x Full Height and Full Length or 7 x Low Profile
HDD Backplane	• 6Gb/s mini-SAS or mini-SAS with expander on-board
Metal Thickness	• 1.2mm
Net Weight	• 13.8kg
Gross Weight	• 17.6kg
Front Bezel	• Option
Cubic Feet	• 4.72
Container Info.(Single Packing)	• 20': 211, 40': 433, 40'H: 479

Optional Items

	Order Code	Description
Expander Card	◆Note1.	6Gb/s SAS expander card
Bracket	84H323210-017	UEK, for M/B I/O opening, w/ Power Control board
	84H321410-018	For C2W-5820V/5620V
PCB	84H331410-025	Chassis Management Board
HDD Cage	84H323510-003	8-Bay for 3.5" HDD, 6Gb/s mini-SAS Backplane, w/slim ODD bay
	84H341810-014	12-Bay for 3.5" HDD, 6Gb/s mini-SAS Backplane
	84H341810-015	12-Bay for 3.5" HDD, 6Gb/s mini-SAS Expander Backplane
	84H341810-006	24-Bay for 2.5" HDD, 6Gb/s mini-SAS Backplane
	84H341810-009	24-Bay for 2.5" HDD, 6Gb/s mini-SAS Expander Backplane
Cable	26H113215-030	SFF-8087 to SFF-8087, 600mm
Slide Rail	84H311610-082	26", Ball Bearing, Tool-less
	84H321710-041	26", Ball Bearing, Tool-less
	◆Note1. CK22803 / CK22804 / CK23601	

* PSU * M/B Support * I/O Gasket * Air Duct * (Detailed in CHENBRO websites)



Front accessible modular HDD cage (8 x 3.5 HDD)



Front accessible modular HDD cage (12 x 3.5 HDD)



Front accessible modular HDD cage (24 x 2.5 HDD)



Front 2 x USB 2.0 ports



6Gb/s SAS expander modular backplane installation



Easy-assembly and anti-vibration fan bar

Rear View



Inside View



Order Information

Order Code	M/B	Backplane	Cooling Fan(mm)	PCI Slot	PSU	Slide Rail
RM23500-L	12"x13"	Option	3x8038	7 x LP	Option	Option
RM23508M2-L	12"x13"	3.5", 6Gb/s mini-SAS	3x8038	7 x LP	Option	Option
RM23512E2-L	12"x13"	3.5", 6Gb/s mini-SAS, Expander on-board	3x8038	7 x LP	Option	Option
RM23524E2-L	12"x13"	2.5", 6Gb/s mini-SAS, Expander on-board	3x8038	7 x LP	Option	Option