

# RM235

## 2U Modular Multi-function Computing and Storage Chassis



Rear View



Inside View



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)



Mini front 2 x USB 2.0 Ports



6Gb/s SAS expander modular backplane installation



Easy-assembly fan bar with anti-vibration rubbers

Front View



RM23512



RM23524

### 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

<b>Model Name</b>	• RM235
<b>M/B Form Factor</b>	• Extended ATX (12"x13")
<b>Dimension (D x W x H)</b>	• 699 x 446 x 88 (mm), 27.5" x 17.5" x 3.5"
<b>Drive Bay</b>	• 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
<b>PSU Form Factor</b>	• 2U Single or 1+1 Redundant
<b>Indicator</b>	• 1 x Power Status, 1 x HDD Activity, 2 x LAN Activity • 1 x Fan Failure and Overheat
<b>Front Control</b>	• Power On/Off, Alarm Mute, System Reset, 2 x USB 2.0
<b>System Security</b>	• Intrusion Switch
<b>Cooling Fan</b>	• Middle: 3 x 80mm (T=38mm), PMW, Hot-swap • Rear: 2 x 40mm (Option)
<b>Slot Opening</b>	• 3x Full Height and Full Length or 7 x Low Profile
<b>HDD Backplane</b>	• 6Gb/s mini-SAS or mini-SAS with expander on-board
<b>Metal Thickness</b>	• 1.2mm
<b>Net Weight</b>	• 13.8kg
<b>Gross Weight</b>	• 17.6kg
<b>Front Bezel</b>	• Option
<b>Cubic Feet</b>	• 4.72
<b>Container Info (Single Packing)</b>	• 20': 211, 40': 433, 40'H: 479

### Optional Items

	Order Code	Description
<b>Expander Card</b>	◆ <b>Note1.</b>	6Gb/s SAS expander card
<b>Bracket</b>	84H323210-017	UEK, for M/B I/O opening, w/ Power Control board
	84H321410-018	For C2W-5820V/5620V
<b>PCB</b>	84H331410-025	Chassis Management Board
<b>HDD Cage</b>	84H323510-002	8-Bay for 3.5" HDD, 6Gb/s mini-SAS Backplane, w/slim ODD bay
	84H341810-005	12-Bay for 3.5" HDD, 6Gb/s mini-SAS Backplane
	84H341810-008	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
<b>Cable</b>	26H113215-030	SFF-8087 to SFF-8087, 600mm
<b>Slide Rail</b>	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 ※ (Please refer above of information from CHENBRO web)

### 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