

RM235

NEW

2U Modular Multi-function Computing&Storage Chassis



Rear View



Inside View



Front View



RM23512

RM23524



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 USB2.0 Ports



6Gb/s SAS expander modular backplane installation



Easy-assembly fan bar with anti-vibration rubbers

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 3x 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×W×H)	• 699x 446x 88(mm), 27.5"x17.5"x3.5"
Drive Bay	• RM23508: 8x3.5" Hot-swap HDD, 1xSlim ODD, 2 x internal • RM23512: 12x3.5" Hot-swap HDD • RM23524: 24x2.5" Hot-swap HDD
PSU Form Factor	• 2U Single or 1+1 Redundant
Indicator	• 1x Power Status, 1x HDD Activity, 2x LAN Activity • 1x Fan Failure& Overheat
Front Control	• Power On/Off, Alarm Mute, System Reset, 2xUSB2.0
System Security	• Intrusion Switch
Cooling Fan	• Middle: 3x80mm (T=38mm), PWM, Hot-swap • Rear: 2x40mm (Option)
Slot Opening	• 3x Full Height&Length or 7x Low Profile
HDD Backplane	• 6Gb/s Mini-SAS or Mini-SAS w/Expander onboard
Metal Thickness	• 1.2mm
Net Weight (chassis only)	• 13.8 Kg
Gross Weight (w/Packing)	• 17.6 Kg
Front Bezel	• Option
Cubic Feet	• 4.72
Container Info.(Single Packing)	• 20': 211, 40':433, 40'H:479

Order Information

Order Code	M/B	Backplane	Cooling Fan(mm)	PCI Slot	PSU	Slide Rail
RM23508M2-L	12"x13"	6Gb/s Mini-SAS	3x8038	7x LP	Option	Option
RM23512M2-L	12"x13"	6Gb/s Mini-SAS	3x8038	7x LP	Option	Option
RM23512E2-L	12"x13"	6Gb/s Mini-SAS,Expander with SES2	3x8038	7x LP	Option	Option
RM23524M2-L	12"x13"	6Gb/s Mini-SAS	3x8038	7x LP	Option	Option
RM23524E2-L	12"x13"	6Gb/s Mini-SAS,Expander with SES2	3x8038	7x LP	Option	Option

RM312

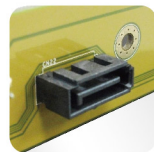
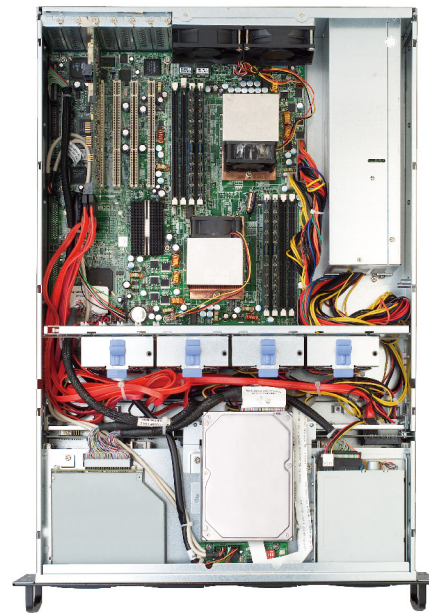
3U 12-Bay High Storage Density Server Chassis



Rear View



Inside View



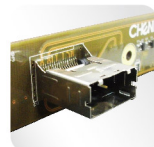
Optional 6Gb/s SATA backplane



1 x Internal 3.5"bay for 3.5"or 2.5"HDD with SK41203



4 x middle 80 mm hot-swap fans



Optional 6Gb/s Mini-SAS backplane



1 x 3.5"bay for FDD or 2.5" HDD with SK51201



Enforcing 2 x rear 80 mm fans

Features & Benefits

- Support M/B up to 12"x13"
- Support 12x 3.5" HDD bays and 1x OS drive bay in 3U
- Support 6Gb/s mini-SAS backplane
- Tool-less design on top cover and slim ODD installation
- Built-in 4x Hot-swap middle fans
- Support 2U Single and 2+1 Redundant PSU

Specification

Model Name	• RM31212
M/B Form Factor	• Extended ATX(12"x13")
Dimension (D×W×H)	• 660x 430x 132(mm), 26"x16.9"x5.2"
Drive Bay	• Exposed:1x 3.5", Slim ODD, 12x3.5" Hot-swap HDD, Internal: 1x3.5"
PSU Form Factor	• 2U Single or 1+1 Redundant
Indicator	• 1x Power Status, 1x HDD Activity, 2x LAN Activity • 1x Fan Failure& Overheat
Front Control	• Power On/Off, Alarm Mute, System Reset, 2xUSB2.0
System Security	• Intrusion Switch
Cooling Fan	• Middle: 4x80mm (T=32mm), Hot-swap • Rear: 2x80mm (Option)
Slot Opening	• 7x Full Height&Length
HDD Backplane	• 6Gb/s SATA or mini-SAS
Metal Thickness	• 1.2mm
Net Weight (chassis only)	• 16.3 Kg
Gross Weight (w/Packing)	• 20.4 Kg
Front Bezel	• Option
Cubic Feet	• 5.07
Container Info.(Single Packing)	• 20': 196, 40':404, 40'H:454

Order Information

Order Code	M/B	Backplane	Cooling Fan(mm)	PCI Slot	PSU	Slide Rail
RM31212M	12"x13"	Mini-SAS	4x8032	7x FF	Option	Option
RM31212T	12"x13"	SAS/SATAII	4x8032	7x FF	Option	Option
RM31212M2	12"x13"	6Gb/s Mini-SAS	4x8032	7x FF	Option	Option

Optional Items

Storage Kits	◆ Note1.	2.5" or 3.5" HDD Storage Kits
Expander Card	◆ Note2.	3G or 6G SAS Expander Card
Bracket	84H323210-017	UEK, for M/B I/O opening, w/ Power Control board
	84H331310-009	For C2W-5820V/5620V
PCB	84H331410-025	Chassis Management Board
Backplane	84H331210-026	12-Port(3xPCB), SAS/SATAII w/mounting bracket (Page.77)
	84H331210-040	12-Port(3xPCB), 6Gb/s SATA w/mounting bracket
Cable	26H113215-030	SFF-8087 to SFF-8087, 600mm
Slide Rail	84H321510-022	26", Ball Bearing (Page.78/79)
	84H321710-041	26", Ball Bearing, Tool-less
Bezel	88H331200-001	3U, Plastic(Stripe) (Page.75)
	84H331210-006	3U, Plastic(SilFox)
	84H331610-032	3U, Plastic(Bricker)
◆ Note1. SK51102 / SK51201 / SK41203 (Page.62)		
◆ Note2. CK12803 / CK22803 (Page.67)		
※ PSU ※ M/B Support ※ I/O Gasket ※ Air Duct ※ (Please refer above of information from CHENBRO web)		