RM418xx

4U Modular and Space-saving Storage Server Chassis

Rear View

Inside View

Front View

Front accessible modular HDD cage

24 x 3.5" HDD

48 x 2.5" HDD

24 x 2.5" HDD + 12 x 3.5" HDD

40 x 2.5" HDD + Slim ODD

Modular Backplane Installation

Features & Benefits

- Support M/B up to 12" x 13"
- Support modular 3.5" 12-bay and 2.5" 24-bay drive cages
- 6Gb/s mini-SAS backplane with expander and SES2 support
- Card retainer to hold low profile and full height add-on cards
- Optional rear 2 x 80mm exhaust fans
- Built-in 4 x 80mm hot-swap PWM fans
- Support PS/2 single or 2+1 redundant PSU

Specification

Model Name	• RM418
M/B Form Factor	• Extended ATX (12"x13")
Dimension (D x W x H)	• 698 x 432 x 176 (mm), 27.5" x 17.1" x 6.9"
Drive Bay	• RM41824: 24 x 3.5" Hot-swap HDD (2 x 12-bay HDD cage)
	• RM41848: 48 x 2.5" Hot-swap HDD (2 x24-bay HDD cage)
PSU Form Factor	• PS/2 Single or 2+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: 4 x 80mm (T=38mm), PWM, Hot-swap
	• Rear: 2 x 80mm (Option)
Slot Opening	• 7 x Full Height and Full Length
HDD Backplane	• 6Gb/s mini-SAS or mini-SAS with expander on-board
Metal Thickness	• 1.2mm
Net Weight	• 37.0kg
Gross Weight	• 38.0kg
Front Bezel	• Option
Cubic Feet	• 8.53
Container Info.(Single Packing)	• 20': 105, 40':215, 40'H: 258

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
	84H341810-003	For G1W2-5960V3V and C2W-5820V
PCB	84H331410-025	Chassis Management Board
HDD Cage	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
	84H341810-009	24-Bay for 2.5" HDD, 6Gb/s mini-SAS Expander Backplane
Slide Rail	84H341810-002	27", Ball Bearing
Cable	26H113215-030	SFF-8087 to SFF-8087, 600mm
	26H12321521A1	SFF-8087 to SFF-8087, 76cm, for rear HDD cage

◆ **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
RM41800-G	12"x13"	Option	4x8038	7 x FF	Option	Included
RM41824E2-R960G	12"x13"	3.5", 6Gb/s mini-SAS, Expander on-board	4x8038	7 x FF	960W, Redundant	Included
RM41824M2-R960G	12"x13"	3.5", 6Gb/s mini-SAS	4x8038	7 x FF	960W, Redundant	Included