

RM418 Series

4U Modular and Space-saving Storage Server Chassis

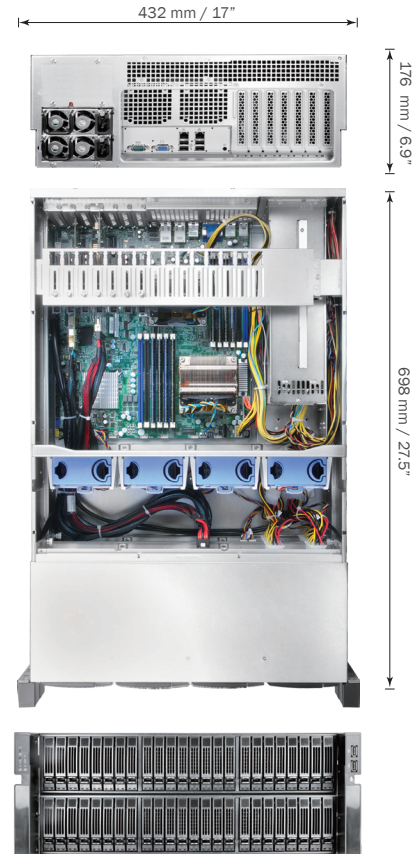


Features & Benefits

- Supports M/B up to 12" x 13"
- Supports modular 3.5" 12-bay and 2.5" 24-bay drive cages
- 6Gb/s mini-SAS backplane with expander and SES2 support or 12Gb/s mini-SAS backplane
- 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
- Supports PS/2 single or 1+1 redundant PSU

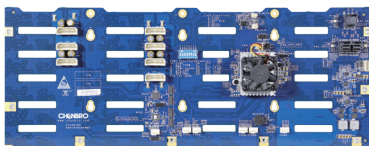
Specification

M/B Form Factor	• Extended ATX (12" x 13")
Dimension (D x W x H)	• 699 x 432 x 176 (mm), 27.5" x 17" x 6.9"
Drive Bay	• RM41824: 24 x 3.5" Hot-swap HDD (2 x 12-bay HDD cage), 2 x 2.5 (Option) • RM41848: 48 x 2.5" Hot-swap HDD (2 x 24-bay HDD cage), 2 x 2.5 (Option)
PSU Form Factor	• PS/2 Single or 1+1 Redundant
Indicators	• 1 x Power Status, 1 x HDD Activity, 2 x LAN Activity, 1 x Fan Failure & Overheat
Front Control	• Power On/Off, Alarm Mute, System Reset, 2 x USB 2.0
Cooling Fans	• Middle: 4 x 80mm (Up to T=38mm), PWM, Hot-swap, Rear: 2 x 80mm (Option)
System Security	• Intrusion Switch
Slot Opening	• 7 x full height and full length
Metal Thickness	• 1.2mm
Materials	• SGCC
HDD Backplane	• 6Gb/s mini-SAS or with expander on-board, 12Gb/s Mini-SAS HD Expander
Net Weight	• 37.0 kg (with PSU)
Gross Weight	• 38.0 kg
Cubic Feet	• 8.53
Container Info.	• 20': 105, 40':215, 40'H: 258 (Single + Pallet)



12Gb/s Backplane

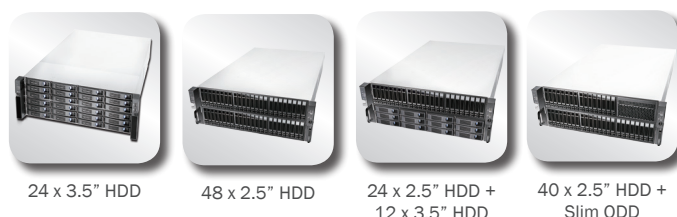
P/N	• 80H10341806A0
Dimension (W x H)	• 426 x 65mm
Backplane Type	• Active
Host Interface	• 3 x SFF-8643
HDD Interface	• 24 x SFF-8680
SAS Expander	• LSI SAS3x36R
Tool-less Installation	• N/A
Features	• SES, Temperature Monitoring, Smart Fan, T-10 Zoning, I2C



Optional Items

	Order Code	Description
Backplane	80H10341806A0	12Gb/s 24-port mini-SAS HD Backplane
HDD Cage	84H323510-003	8-bay, w/2pcs 4-port 6Gb/s mini-SAS backplane
	84H341810-014	3.5" 12-bay, w/3pcs 4-port 6Gb/s mini-SAS backplanes
	84H341810-006	2.5" 24-bay, w/3pcs 8-port 6Gb/s mini-SAS backplanes
	84H341810-017	3.5" 12-bay, w/Dual Domain 6Gb/s Expander backplane
	84H323510-010	2.5" 24-bay, w/Dual Domain 6Gb/s Expander backplane
	84H341810-007	Slim ODD Cage, 2PCS
	84H341810-015	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
Cable	26H113215-030	SFF-8087 to SFF-8087, 600mm
	26H12323214B1	mini-SAS, Internal to External, 500mm
Bezel	84H323210-030	mini-SAS, Internal to External, with Full Height Slot Bracket
	84H323210-031	mini-SAS, Internal to External, with Low Profile Slot Bracket
	84H341810-025	Metal, Black

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



Order Information

Order Code	M/B	Backplane	Cooling Fan(mm)	PCI Slot	PSU	Slide Rail
RM41800-G	12" x 13"	Option	4 x 8038	7 x FF	Option	Included
RM41824E3-R975G	12" x 13"	3.5". 12Gb/s mini-SAS HD w/Expander	4 x 8038	7 x FF	975W, Redundant	Included