



RM43-320-RS

4U 20-bay 2.5"/3.5" HDD rackmount storage chassis with Mini-SAS HD SFF-8643 12 Gb/s interface

- Backplane support for 20 port SAS / SATA drives and 12 Gb/s Mini-SAS HD SFF-8643 + SGPIO
- Supports twenty 2.5"/3.5" SAS/SATA HDD/SSD hot-swap trays
- Ball bearing sliding rails included for simple server rack integration
- Includes three 120mm x 38mm hot-swappable PWM fans
- Auto lock handle for convenient fixation of chassis into rack cabinet
- Supports ATX (PS2) / Mini Redundant PSUs*
- Supports E-ATX or SSI-EEB motherboards
- Supports 7 standard PCI / PCIe slots
- Independent drive status LED



Specifications

Model No.	RM43-320-RS	
Chassis form factor	4U	
Motherboard	SSI-EEB, SSI-CEB, Extended ATX, ATX, Micro-ATX, Mini-ITX	
Drive bay	External	3.5" hot-swap x 20, Slim optical drive x 1 (up to 12.7mm)
	Internal	2.5" x 2 (up to 15mm)
Cooling system	Rear	80mm x 2 fan slots
	Internal	Hot-swap 120 x 38mm PWM ball bearing fan x 3
Power supply	ATX (PS2) / Mini Redundant*	
Limitation of CPU cooler	148mm	
Power connector on HDD backplane	4-Pin peripheral x 10	
Expansion Slot	Standard profile PCI / PCIe x 7	
Front I/O Port	USB 2.0 x 1, USB 3.1 Gen 1 Type-A x 1**	
Front buttons	Power On / Off, system reset	
Indicators	Chassis	Power LED x 1: Blue HDD Access x 1: Green LAN LED x 2: Green
	HDD Tray	HDD Power LED x 20: Yellow HDD Access x 20: Blinking green
HDD backplane	20 ports SAS / SATA to Mini-SAS HD SFF-8643 x 5 with SGPIO	
HDD Interface	SAS III / II / I, SATA III / II / I	
Main metal thickness	1.0mm ~ 1.2mm	
Sliding rail	Max. supported weight	80 kg
	Rack cabinet mounting hole distance (Min. ~ Max.)	663mm ~ 915mm ±3mm
	Net weight	2.48 kg
Net weight	16.2 kg	
Dimensions	442mm (W) x 175mm (H) x 660mm (D), 51.1 liters	
	17.4" (W) x 6.9" (H) x 26" (D), 51.1 liters	

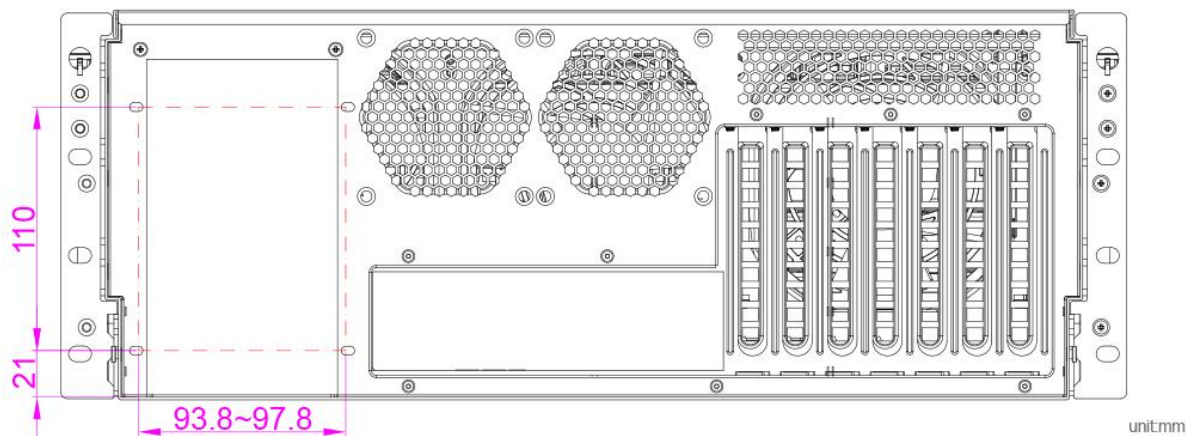
* Please make sure the mounting holes of your Mini Redundant PSU matches the mounting holes on the rear panel of RM43-320-RS (See below diagram)

** RM43-320-RS's USB internal cable is 800mm long, so if you are connecting an external enclosure to the USB3.1 port, we recommend using it with shorter cables to prevent performance loss.



SILVERSTONE

Mini Redundant PSU Mounting hole pattern



Excellent cooling capabilities

Utilizing the typical front-to-back directional airflow, RM43-320-RS comes pre-installed with three 120mm x 38mm hot-swappable PWM fans, designed to achieve a rapid heat dissipation effect that does not easily accumulate hot air inside



Simple server rack integration

RM43-320-RS comes included with a sliding rail kit allowing the chassis to be fixated into server racks without extra purchase

