RM42200

4U Feature-advanced Industrial Server Chassis

Rear View

Inside View

Rotatable cage for ODD or storage kits

Elegant key lock

2 x 3.5" bays for FDD or SK51201

Stand-alone installation via optional kit

Easy-swap
1 x front 120mm fan with filter

Tool-less adjustable card retainer for full height or low profile cards

Front View

Features & Benefits

- Support ATX M/B up to 12" x 10.5"
- Optional 15-Slot rear window for industry backplane
- Available for rackmount and stand-alone installation
- Rotatable 5.25" cage to keep device in horizontal position
- Front 120mm fan with filter for add-on cards
- Card retainer to hold low profile and full height add-on cards
- User friendly design on front key lock and lifting handle (stand-alone)
- Support PS/2 single or mini-redundant PSU

Specification

Model Name	• RM42200
M/B Form Factor	• ATX (12"x10.5")
Dimension (D x W x H)	• 522 x 430 x 176 (mm), 20.5" x 16.9" x 6.9"
Drive Bay	• Exposed: 3 x 5.25", 2 x 3.5"; Internal: 3 x 3.5"
PSU Form Factor	• PS/2 Single or Mini-redundant
Indicator	• 1 x Power Status, 1 x HDD Activity, 2 x LAN Activity
Front Control	• Power On/Off, System Reset, 2 x USB 2.0
System Security	• Intrusion Switch, Key lock on front door
Cooling Fan	• Front: 1 x 120mm (T=25mm), PWM
	• Rear: 2 x 80mm (Option)
Slot Opening	• 7 or 15 x Full Height
HDD Backplane	• N/A
Metal Thickness	• 1.2mm
Net Weight	• 13.4kg
Gross Weight	• 16.1kg
Front Bezel	• Option
Cubic Feet	• 4.51
Container Info.(Single Packing)	• 20': 202, 40': 413, 40'H: 476

Optional Items

	Order Code	Description
Storage Kits	◆Note1.	2.5" or 3.5" HDD storage kits
Cable	84H341310-012	3.5" Bracket with 2-port USB3.0 cable
Slide Rail	84H341300-001	22", Ball Bearing
	84H342310-001	20", Ball Bearing
Bracket	84H342210-026	Slim ODD Kit w/SATA to SATA adapter
	84H342210-011	Rear window, 15-slot
◆Note1.	SK41203 /SK51102/SK51201 / SK32303 /SK33502/SK33503	
	SK31101 / SK41101 /SK41202	

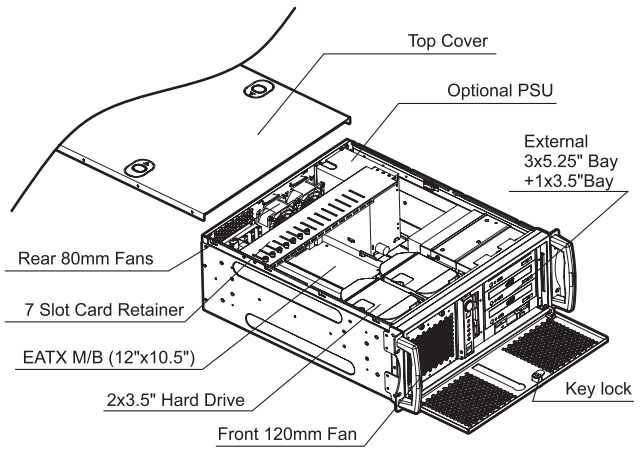
※ PSU ※ M/B Support ※ I/O Gasket ※ Air Duct ※ (Please refer above of information from CHENBRO web)

Order Information

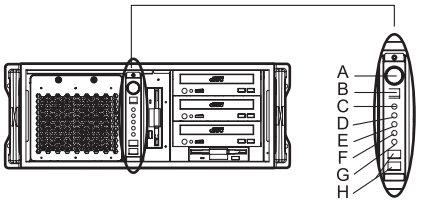
Order Code	M/B	Backplane	Cooling Fan(mm)	PCI Slot	PSU	Bezel	Slide Rail
RM42200-F1	12"x10.5"	N/A	1x12025	7 x FH	Option	1-door	Option

Chassis Quick Reference

Major Components

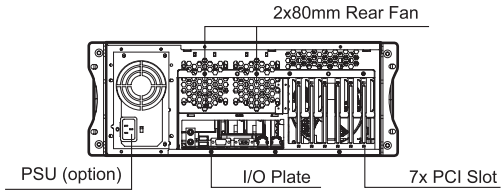


Front Panel Controls and Indicators

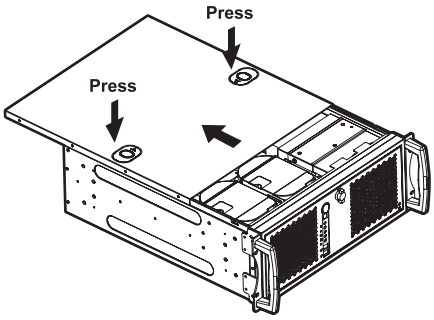


A: Power ON Switch
B: System Reset Button
C: Power LED
D: HDD LED
E: LAN1 LED
F: LAN2 LED
G: Alarm LED
H: 2 x USB 2.0 port

Rear Window Configuration



Top Cover Opening



⚠ CAUTION ⚠

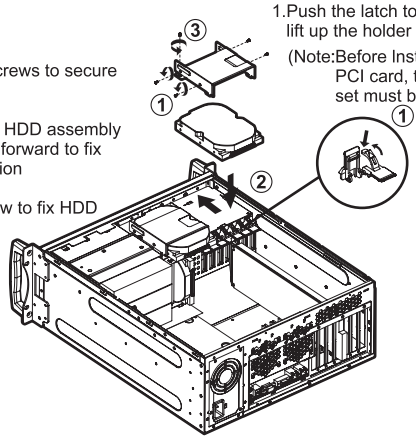
This unit must be operated with the chassis TOP COVER installed to ensure proper cooling

Installing Hard Drive

1. Attach four screws to secure HDD
2. Put down the HDD assembly kit and move forward to fix in place position
3. Use one screw to fix HDD assembly set

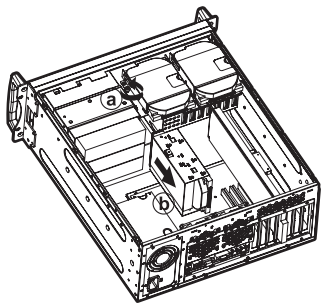
1.Push the latch to lift up the holder

(Note:Before Install the full size PCI card, the HDD assembly set must be removed first)

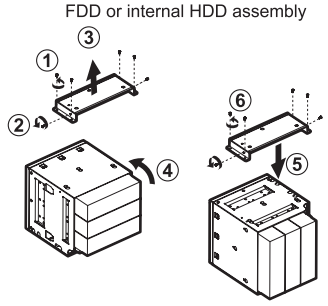


External 5.25" HDD Cage Assembly

a. Release the thumb screw
b. Move out the dual 3.5" cage for 3.5" drive assembly

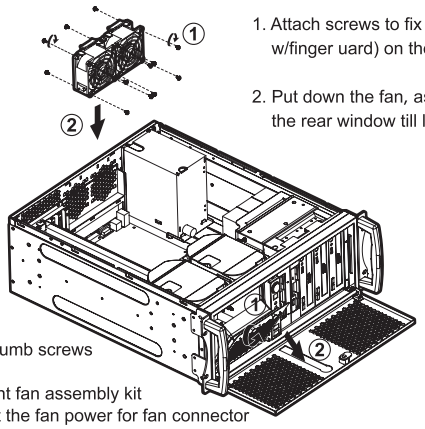


c. Use attached scwews for either FDD or internal HDD assembly



1. Release four screws to remove the 5.25" cage set out of the chassis
2. Release two screws of the holding plate
3. Remove the holding plate
4. Rotate the 5.25" device cage set
5. Put down the holding plate
6. Attach back with all the screws

Fan Module Assembly

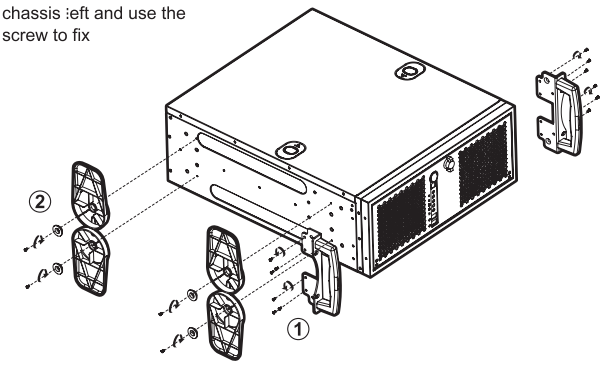


1. Attach screws to fix the module w/finger uard) on the fan holder
2. Put down the fan, assemble on the rear window till lock

1. Release two thumb screws
2. Pull out the front fan assembly kit and disconnect the fan power for fan connector

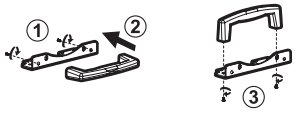
Pedestal Foot-stand Installation

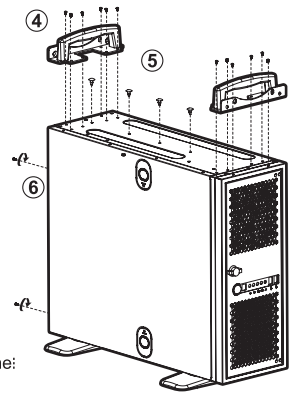
1. Re:ease six screws of rack ear on each side
2. Put the foot stand on the chassis :eft and use the screw to fix



Pedestal Top handle Installation

1. Re:ease the hand:e screws
2. Move the hand:e upwards
3. Attach screws to the back





4. Attach six screws for rack ear on the top of front and rear
5. Put the four p:astic snaps on the top
6. Option thumb screws for rear of side pane: