



SERVER RSV-L4500

User Manual

Contents

Product Overview	2
Introduction	3
Feature	3
Specification	3
Installation Guide	4
Top Cover Disassembly	4
3.5" Device Installation	5
Hard Drive Rail Installation	6
Server Rail Installation	7

Product Overview





Introduction

RSV-L4500 is a 4U rackmount industrial chassis for various kinds of server computer which supports any E-ATX (12" x 13") and below form factor motherboard design and PS2 power supply. In addition, RSV-L4500 has a large-scale fan filter and easy-to-use knob key for great serviceability of the system.

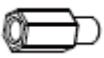





Feature

- Carries a total of 15x internal 3.5" HDDs.
- Best cooling design carry up to front 120 mm front cooling fan x6 and 80 mm back cooling fan x2 max (all are included in RSV- L4500).
- Front door with key lock for better security.
- Special design for add-on cards in the system (7 pieces max).
- 2x USB 2.0 connector in front panel.

Specification

Chassis Type	Rackmount
Color	Black
Case Material	Metal/ Steel, 1.0 mm thickness
Motherboard Compatibility	12" x 13" E-ATX and below
Form Factor	4U
Cooling System	
80mm Fans	2 max (All 2 80mm Fans included)
120mm Fans	6 max (All 5 120 mm Fans included)
Expansion	
Internal 3.5" Drive Bays	15
Expansion Slots	7
Physical Spec	
Control & Indicator	1x Power switch +1x Reset switch

	1x LED (power) +1 x LED (HDD), 2 x LED (LAN) 2x 2.0 USB
Dimensions(L x W x H)	25" x 16.8" x 7.0" inches (635 x 427 x 178 mm)
Weight	Net Weight : 31.9 lbs. (14.5kg) Gross Weight : 39.8 lbs (18.0kg)
Package Contents	RSV-L4500 Server Case; Keys; Screws; Other Accessories

PIC	ITEM	PURPOSE	PIC	ITEM	PURPOSE
	MOTHERBOARD STANDOFF x 12	MOTHERBOARD		RAIL x 6	HDD MODULE ODD RAIL
	SCREWS x 6	POWER SUPPLY			
	SCREWS x 20	MOTHERBOARD		Buzzer x 1 (PC Speaker)	MOTHERBOARD
PIC				ITEM	PURPOSE
				HDD RAIL x32	HDD Mounting RAIL

Installation Guide

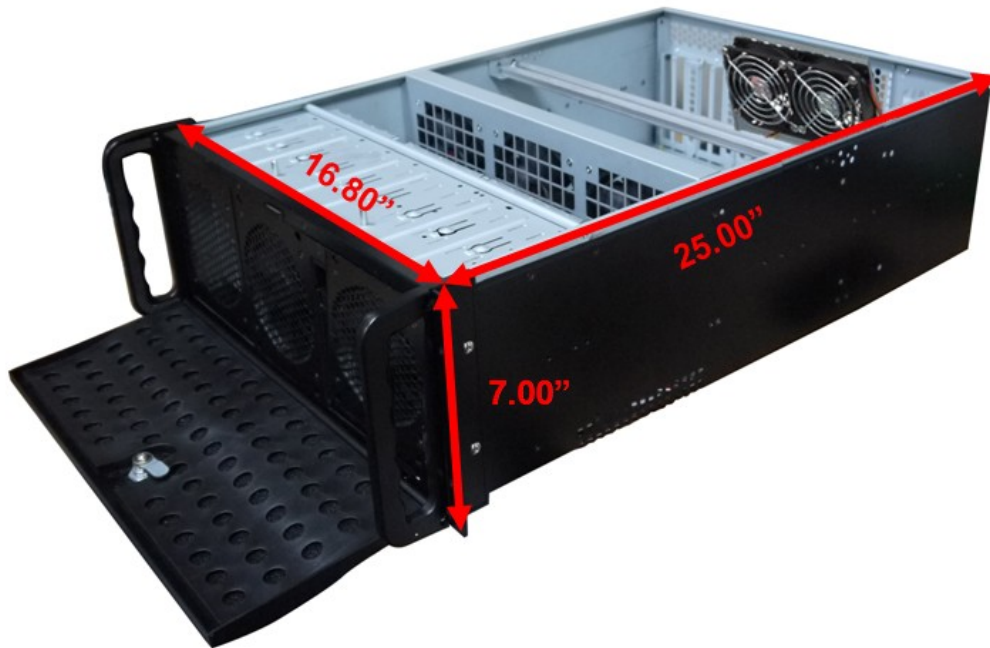
Top Cover Disassembly



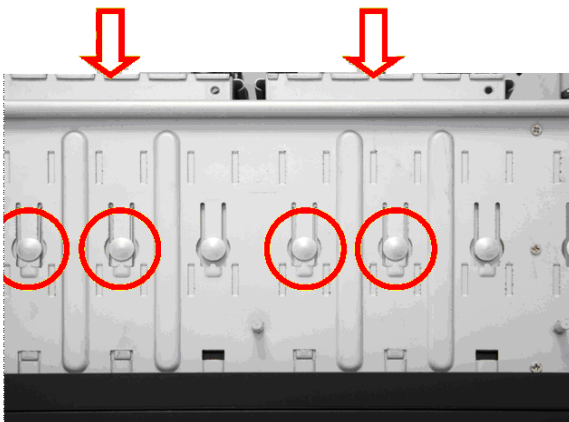
1. Remove the screws from each side of the Chassis. (two on each side)



2. Once the screws removed, push the top cover to remove from the chassis.



3.5" Device Installation

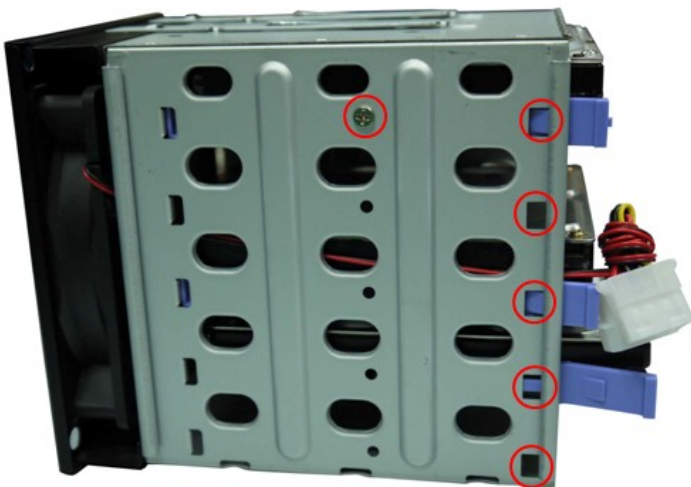
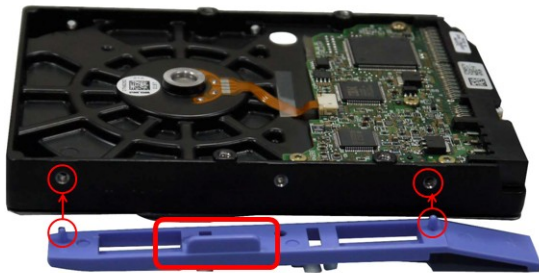


1. First press the two round shape button using your thumbs, then use your index finger to push the 3.5" module to remove it.



2. The 5x HDDs module should look like this. Each Hard drive is mounted in the module using the HDD rail side by side.
3. You can see the Hard Drive installation guide in following section.

Hard Drive Rail Installation



1. Each Hard drive requires using 2x HDD rail on each side.
2. When aligning the HDD rail with Hard drive, please make sure that both pin on each rail will be insert into the hard drive's screw holes.
3. The HDD rail should look like this when place correctly with Hard Drive.
(Note: Please do not fasten screw on HDD Rail and Hard Drive at this stage, otherwise you will not be able to slide the HDD rail into the module)
4. When sliding into the HDD module, please make sure that the connector of the hard drive is facing outside and the rails are pushed all the way until click into the module.
5. You can then lock the hard drive with the screw after the HDD rail is pushed all the way into the module and locked.

Server Rail Installation



1. In order to install the rail, you must first remove the cover on the side. Three screws locate on each side.



2. Unscrew all three screws on each side.



3. Upon removing the side bar, you will find several screw holes for you to install the server rail.

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