SERVER CHASSIS
WITH 12x HOT-SWAPPABLE SATA/SAS BAY

RSV-L4412

User Manual
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Product Overview
Introduction
RSV-L4412 is a 4U rackmount industrial Hot-swap chassis for various server computers which supports any E-ATX (12” x 13”) and smaller form factor motherboards. It holds PS2 power supply which provides customers with wider selection and more affordable choices depending on the system design purposes. In addition, RSV-L4412 holds 12 hot swap SATA/SAS bays with a large-scale fan filter and easy-to-use knob key for great serviceability of the system.

To use the Hot-Swap feature, Please set motherboard BIOS to AHCI and format the HDD using AHCI.

Feature
- Carries a total of 12x 3.5” (2.5”) Hot Swappable SATA (I, II & III) or SAS bays.
- Best cooling design carry up to front 3x 120 mm front cooling fans and 2x 80 mm back cooling fans max (all are included in RSV- L4412).
- 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

<table>
<thead>
<tr>
<th>Chassis Type</th>
<th>Rackmount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Case Material</td>
<td>Metal/ Steel, 1.0 mm thickness</td>
</tr>
<tr>
<td>Motherboard Compatibility</td>
<td>12” x 13” E-ATX and below</td>
</tr>
<tr>
<td>Form Factor</td>
<td>4U</td>
</tr>
</tbody>
</table>

**Cooling System**
- 80mm Fans: 2 max (All 2x 80mm Fans included)
- 120mm Fans: 3 max (All 3x 120 mm Fans included)

**Expansion**
- Hot-Swap 3.5”/2.5” Drive Bays: 12x (SATA I, II, III & SAS supported)
- 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-L4412 Server Case; Keys; Screws; SATA Cables, Other Accessories

<table>
<thead>
<tr>
<th>PIC</th>
<th>ITEM</th>
<th>PURPOSE</th>
<th>PIC</th>
<th>ITEM</th>
<th>PURPOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SCREWS x 6</td>
<td>POWER SUPPLY</td>
<td></td>
<td>Buzzer x 1 (PC Speaker)</td>
<td>MOTHERBOARD</td>
</tr>
<tr>
<td></td>
<td>SCREWS x 20</td>
<td>MOTHERBOARD</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>MOTHERBOARD STANDOFF x 3</td>
<td>9 standoffs has already screwed on the chassis</td>
<td></td>
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<tr>
<td></td>
<td>23.6” (60cm) SATA III cable x 12</td>
<td></td>
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<td></td>
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</table>
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.
Hard Drive Tray Assembly / Disassembly

1. Each HDD Tray has a press button for releasing the hinge. To remove the HDD Tray; first press the button (red circle).

2. Upon press the button, the HDD tray will be easily pull out.

3. To slide in the HDD tray, please make sure to push the tray all the way into the module until a click sound indicating that the arm was fixed into the module.

Hard Drive Installation
Installing a 3.5" HDD

1. To install a 3.5" HDD, please make sure that the 3.5" HDD is align with the screw holes on the side of the tray.
Installing a 2.5” HDD

1. To install a 2.5” HDD, please make sure that the 2.5” HDD is align with the screw holes on the tray

2. Once align, you can fasten the screws on both side of the tray to fix the HDD. (Please make sure that the connector of the HDD is facing outward)

2. Once align, you can fasten the screws on the tray to fix the HDD. (Please make sure that the connector of the HDD is facing outward)
Thank you for purchasing a quality Rosewill Product.

Please register your product at: www.rosewill.com for complete warranty information and future support for your product.