



SERVER RSV-Z4000
USER Manual



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Introduction:

RSV-Z4000 RACKMOUNT CHASSIS

The RSV-Z4000 is a 19" rackmount industrial grade server PC, which is designed for extended ATX form factor server board and can be equipped with PS2 power supply or mini-redundant power supply. In addition, the RSV-Z4000 has a large-scale fan filter and a easy-to-use knob key for great serviceability of the system.

Specifications:

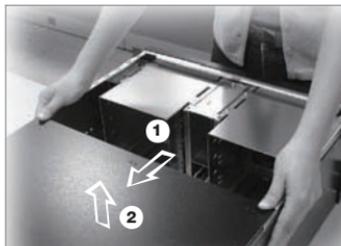
- Construction: Heavy-duty 1.2mm steel chassis
- Disk Drive Capacity :
 - Right / Left(Standard) : 5.25" x 3 (or D340) + 3.5" x 1
 - Middle : 3.5" x 2
 - Left side: 5.25" x 3 (or D340) + slim CD x 1 or Internal HDD x 5 + slim CD x 1 (w/12cm) fan
- Cooling System : Onefront 12cm (optional) and two rear 8cm cooling fans
- Controls : Momentary power, recess reset switches
- Optional front USB dual socket
- One-screw-fastened top cover design
- Indicators : LED display for power and HDD 、 LAN 、 Fan fail
- Dimensions (WxDxH) : 483 X 560 X 177
- Power Supply : PS2 / Mini Redundant

Top Cover Disassembly

1. Release the thumb screws of the top cover



2. Slide back the top cover and lift up



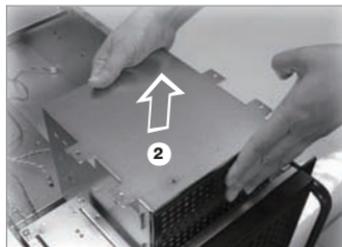
5.25" Device installation

(A) 5.25" cage disassembly

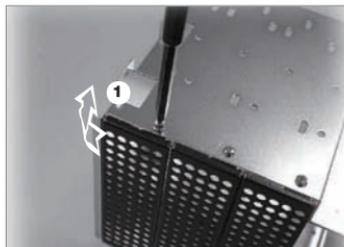
1. Release the screws of the cage



2. Lift up the cage



(B) Dismount the front cover plate



1. Release the screws of the metal cover

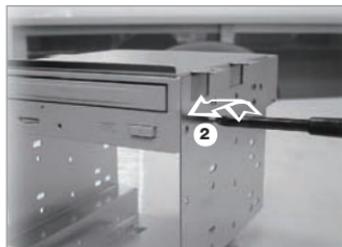
2. Remove the metal cover plate from 45° angle

(C) CD-ROM installation

1. Place CD-ROM in the disk cage



2. Affix the CD-ROM to the disk cage with screws



3. Place the disk cage back to the case



(D) Other device installation



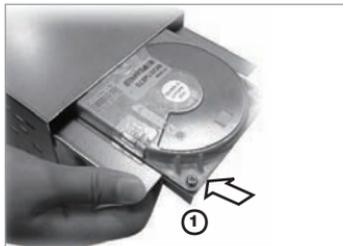
1. Place D340 in the disk cage

2. Affix the D340 to the disk cage with screws

(E) HDD&FDD installation in 5.25" device cage

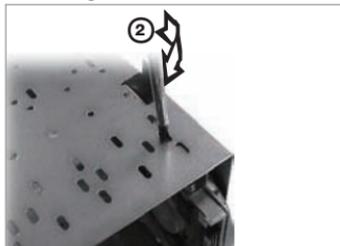
a.

1. Fix the HDD bracket with HDD first



2. Place HDD set in the disk cage

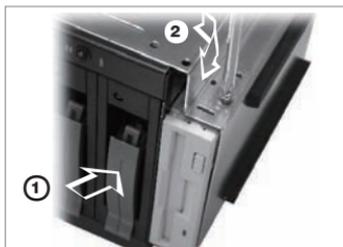
3. Affix the HDD bracket to the disk cage with screws



b.

1. Place FDD in the lower disk cage

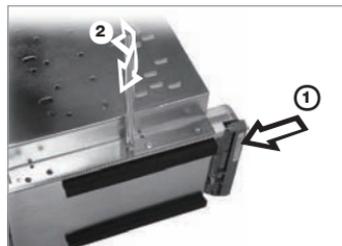
2. Affix the FDD to the disk cage with screws



c.

1. Place HDD in the lower disk cage

2. Affix the HDD to the disk cage with screws



(F) Slim CD-ROM installation



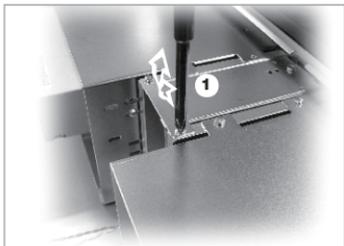
1. Place slim CD-ROM in the lower disk cage

2. Affix the slim CD-ROM to the disk cage with screws

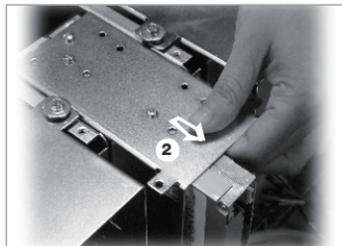
3.5" Device installation

(A) 3.5" cage Dismount

1. Release the screws from 3.5" cage



2. Pull out and dismount the 3.5" cage



(B) Metal cover plate dismount

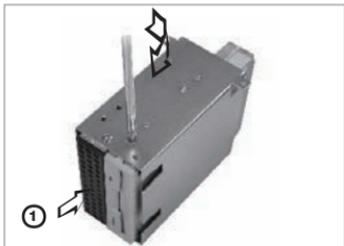


1. Release the screws of metal cover plate

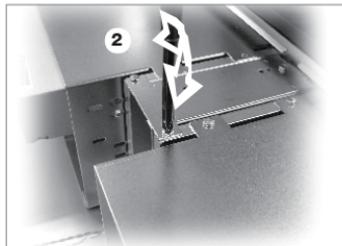
2. Dismount the cover plate from 45° angle

(C) 3.5" device installation

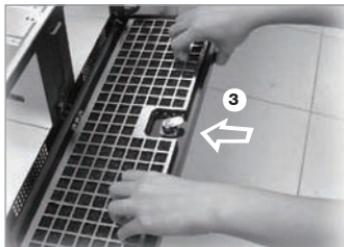
1. Place FDD into the 3.5" cage and affix with screws



2. Mount the 3.5" cage with screws



Fan filter replacement



1. Pull out the filter bracket and remove the used filter
2. Replace with new fan filter
3. Mount the filter bracket

Fan replacement installation

(A) 12cm fan replacement

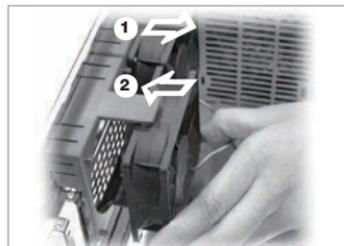
1. Release the screws from fan bracket on 5.25" device cage



2. Pull out and remove the fan from cage
3. Replace with the new fan



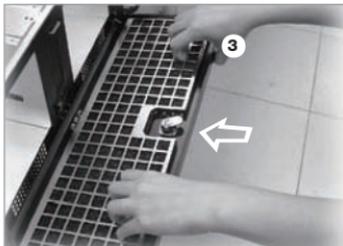
(B) 8cm fan replacement



1. Remove the 8cm fan from fan holder
2. Replace with the new fan

Motherboard installation

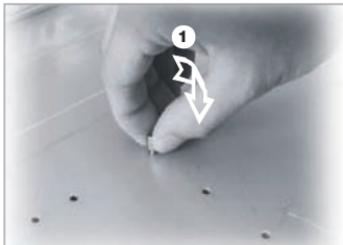
(A) Interface card bracket installation



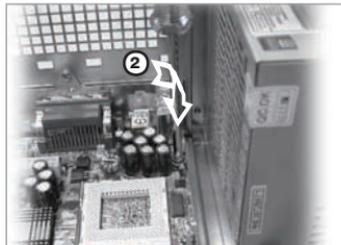
1. Release the screws from bracket
2. Remove the bracket from 45° angle

(B) Motherboard installation

1. Affix the standoffs on the M/B base

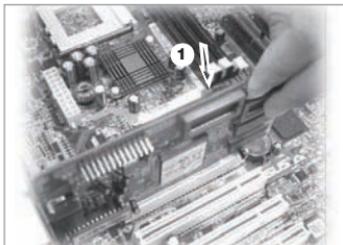


2. Place the motherboard on the standoffs and affix with #6-32 screws

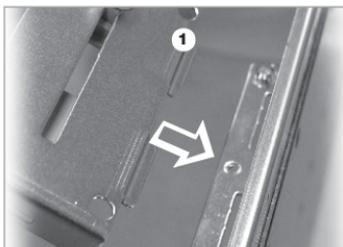


(C) Interface installation

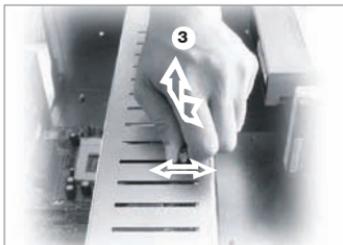
1.Plug the interface card to the motherboard slot



2.Affix the interface card bracket to the case by screw

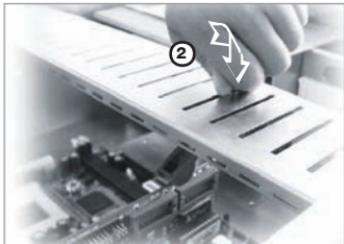


3.Loose the thumb screws to adjust the hold down clamp to the interface card

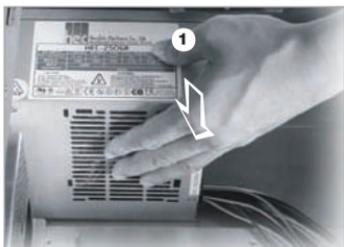


Note : Do Not take the screws out

4. Affix the hold sown clamp with thumb screws



Power supply installation



1. Place the power supply into the case



2. Affix the power supply with screws

USB cable instructions:

Pin-Connection of USB cable

1. Please check before installation, you can use the USB-Station on your Motherboard.
Please take a look on the manual of your Motherboard and search the note "option 4 x USB". You see on the motherboard a connector for the USB-Cable.
It's not so important how many pins you can see, lot of manufactures have a different design for the USB connector.
2. Each pins has a function. please see the following list, and find the colors for the installation.
3. Have you any problems with the installation, please contact www.rosewill.com.

We cannot give any quarantee when the components damaged by yourself.

Colors and Connection

This is a universal cable. this means, it's not so important how much pins on the motherboard 8, 9 or 10.

- Red = V1
- Black = Ground
- Black = Ground
- Grey = D1+
- Yellow = D1-
- Red = V0
- Green = D0+
- White = D0-

Accessory kit index

- | | |
|--------------------------|------|
| 1. # 6-32 Screws | x 32 |
| 2. M3 Screws | x 22 |
| 3. Cable Strap | x 6 |
| 4. Adhesive Backed Mount | x 5 |
| 5. Brass Stud (8mm) | x 20 |

LED indicators illustration

- Power on in green LED
- HDD activity in orange LED
- Fan fail in red LED
- Lan or system activity in green LED

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