

# RM52

5U rackmount server chassis  
with enhanced liquid cooling compatibility

User manual  
www.silverstonetek.com

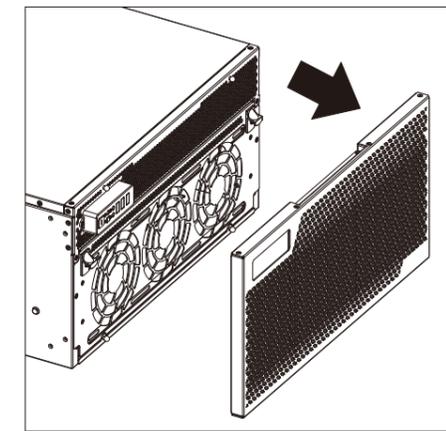
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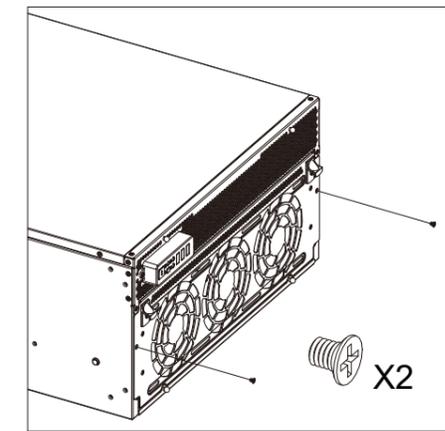
### Parts package component list

A x4	B x4	C x4	4. Motherboard, 2.5" SSD, Power extension cord extension	PSU Mounting screws
Horizontal to vertical position accessories	Handle bar accessories	Handle bar bracket screws	Secondary PSU extension adapter	80mm fan cage Fan extension cable
A. Case feet	D. Handle bar bracket screws	E. Handle brackets	H. Cable ties	I. Cable management buckle
B. Case feet screws	F. Handle bars	G. L-shaped brackets	J. Mounting for 3.5" HDD, external 80mm fan cage	Motherboard standoff
C. Case feet washers	H. Cable ties	I. Cable management buckle	J. Mounting for 3.5" HDD, external 80mm fan cage	Manual

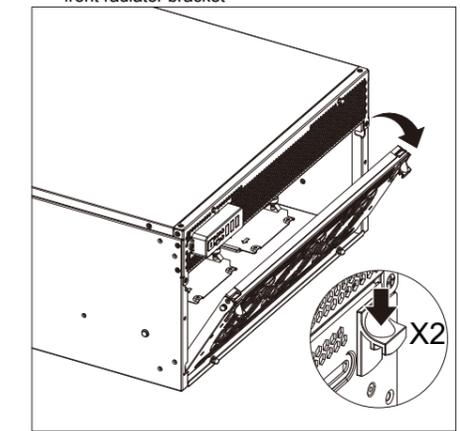
1. Remove front panel



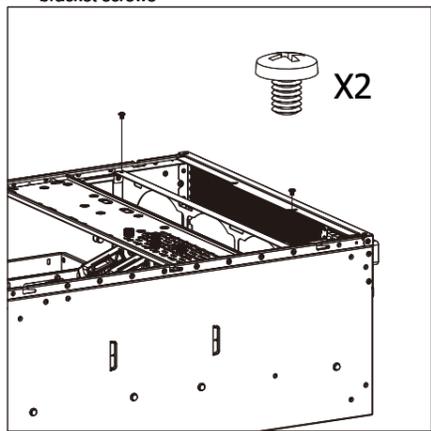
2-1. Remove front radiator bracket screws



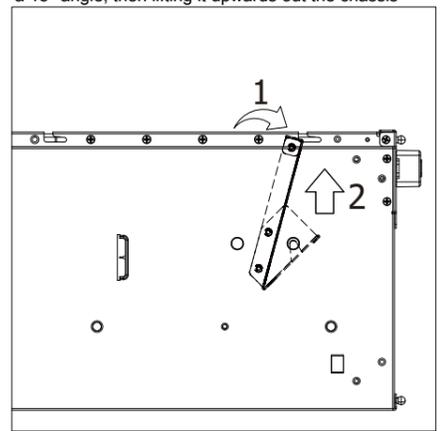
2-2. Press down on the clips from both sides to remove front radiator bracket



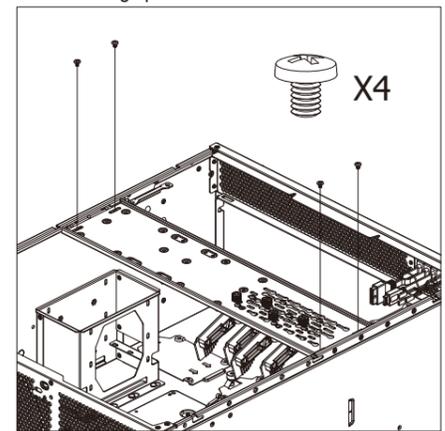
3-1. Remove top panel then remove internal radiator bracket screws



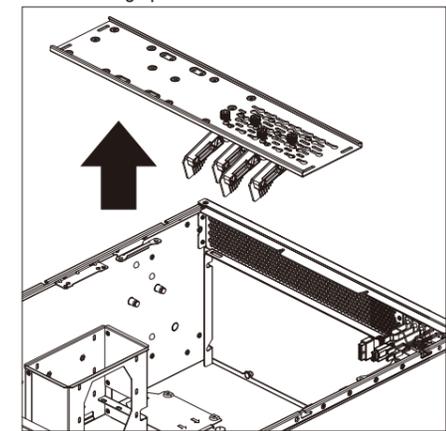
3-2. Remove the internal radiator bracket by tilting it at a 15° angle, then lifting it upwards out the chassis



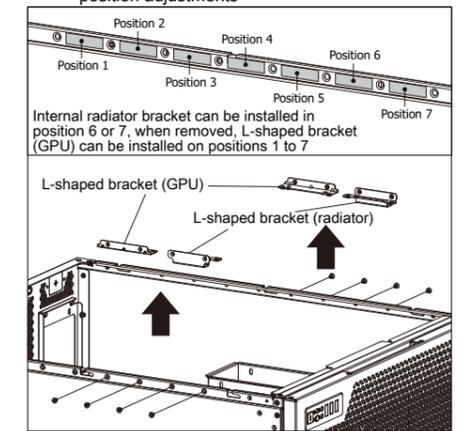
4-1. Remove graphics card retainer screws



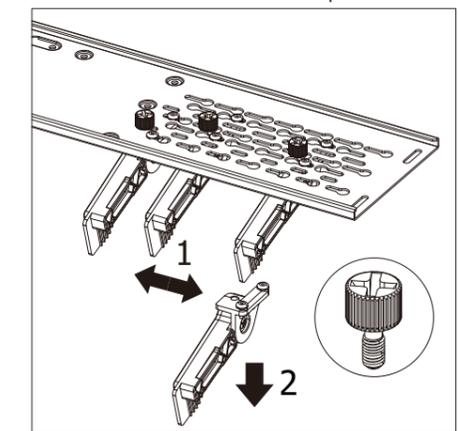
4-2. Remove graphics card retainer



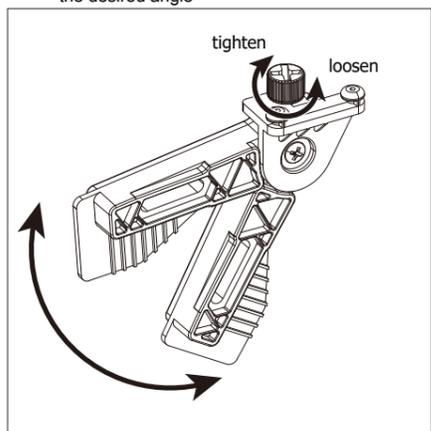
4-2-A. Graphics card retainer and internal radiator bracket position adjustments



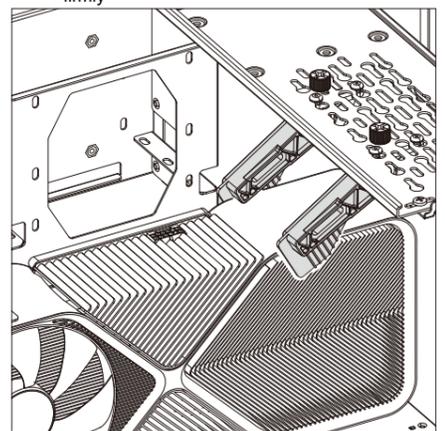
4-3-1. Remove thumbscrews and clamps



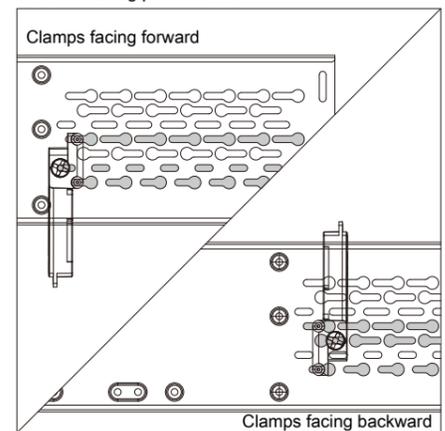
4-3-2. Loosen the thumbscrew to adjust the clamps to the desired angle



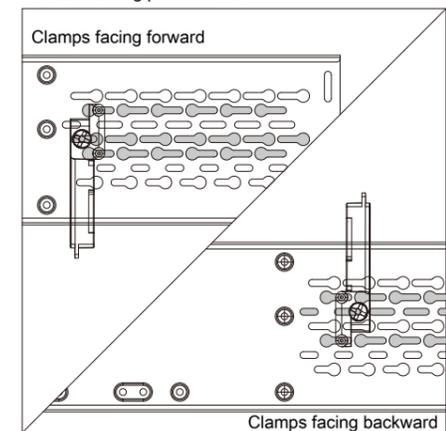
4-3-3. Utilize two clamps to stabilize the graphics card firmly



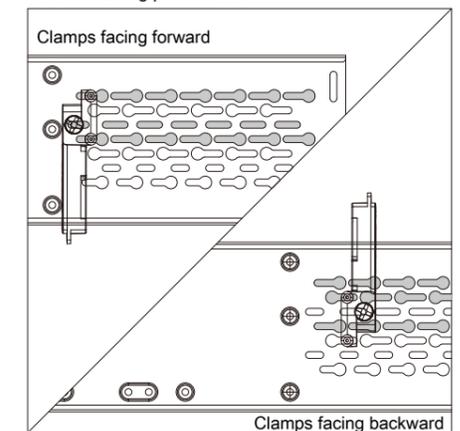
4-4-1. Mounting positions - 1



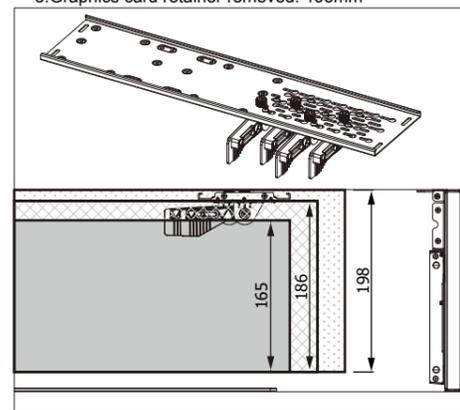
4-4-2. Mounting positions - 2



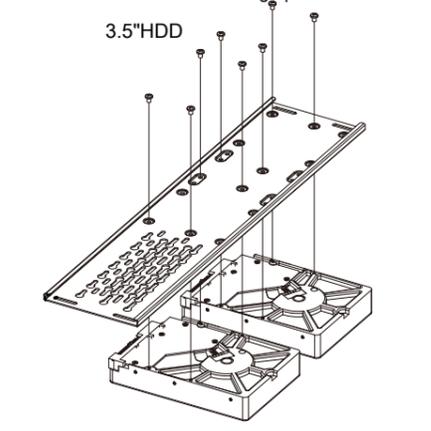
4-4-3. Mounting positions - 3



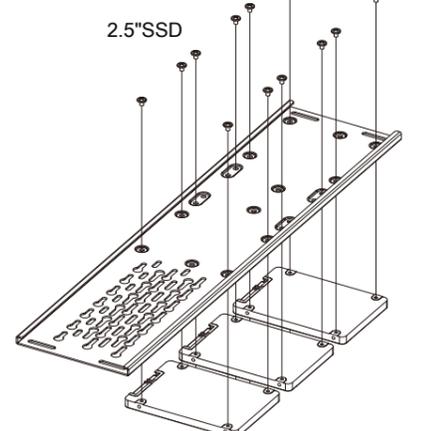
Graphics card width limitation:  
1. Graphics card retainer clamps installed: 165mm  
2. Graphics card retainer clamps removed: 186mm  
3. Graphics card retainer removed: 198mm



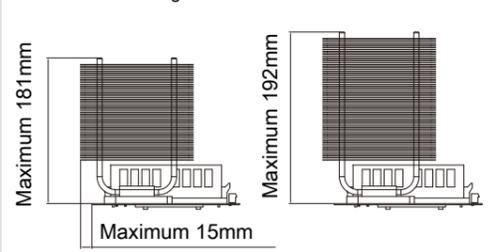
4-5. Hard drives installed on the graphics card retainer



4-5-A. 2.5" SSD installation



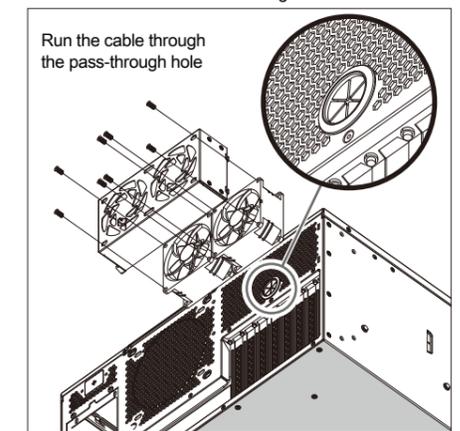
5. CPU cooler height limitation



CPU cooler height limitation  
Graphics card retainer installed: 181mm  
Graphics card retainer removed: 192mm

### 80mm external fan cage installation

6. The thickness of the rear fan cage fans are limited to 38mm



### Horizontal orientation installation

7. Assemble the handle bars with the L-shaped bracket, then secure the assembly on both sides of the chassis

