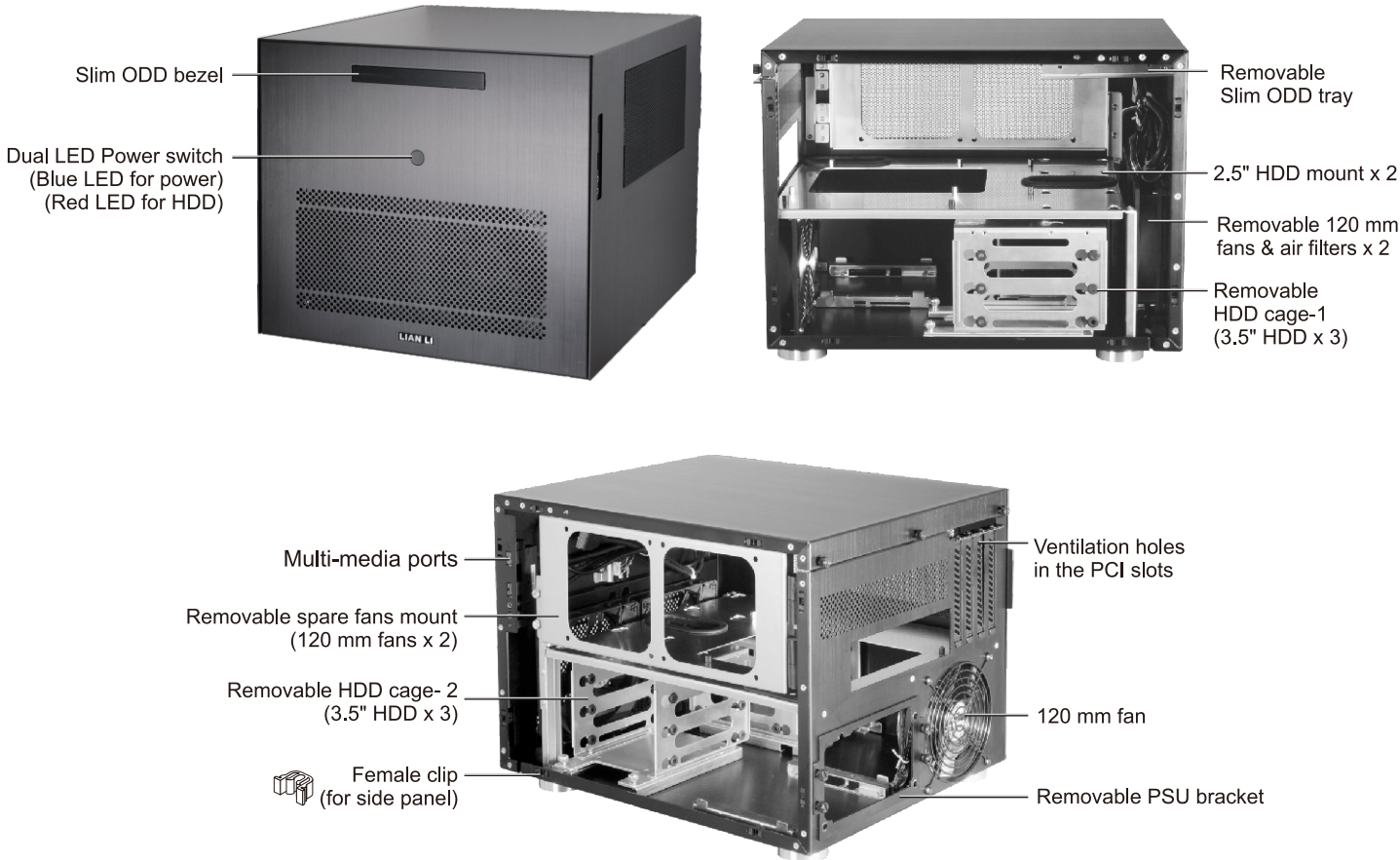













# Installation Guide

## Case components

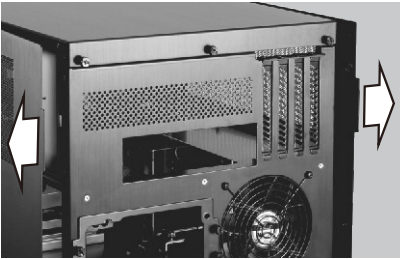


## Hardware list

\* Extra quantities are spare parts.

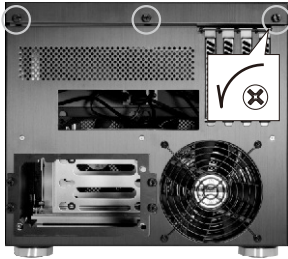
	Buzzer (1)		Thumb screw (24) for 3.5" HDD		Screw (9) for M/B		Spare part- female clip (1) for side panel
	USB 3.0 to USB 2.0 converter (1)		Screw M3 screws (8) for 2.5" HDD		Screw (5) for PSU mounting		3-pin to 4-pin power-cord converter (2) for fan
	Cable tie (2)		Anti-vibration rubber rings (8) for 2.5" HDD		Screws M2 (5) for slim ODD		

## Removable side panel

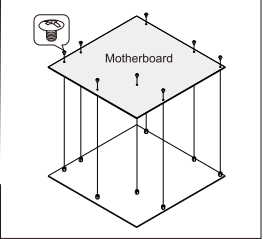
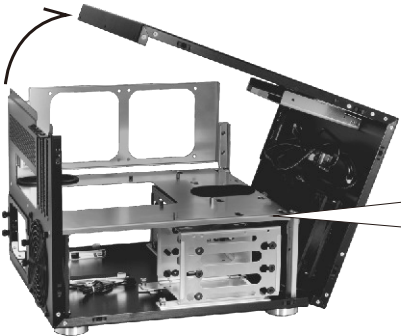


Pull side panel out to remove.

## Motherboard installation

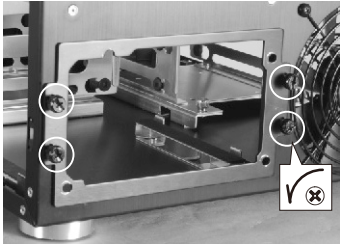


Remove 3 screws to release the top cover.

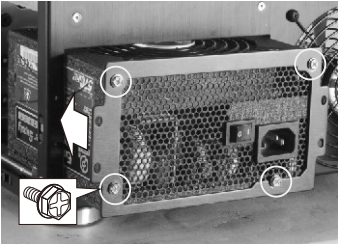


Place the M/B on the copper bolt and secure with screws.

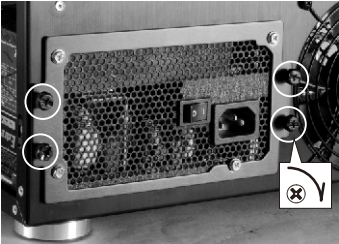
## PSU installation



Loose 4 thumb screws to remove the PSU mounting bracket.

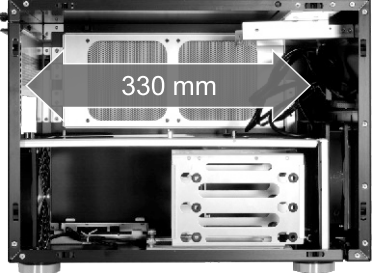


Assemble power supply with PSU mounting bracket, slide in gently.

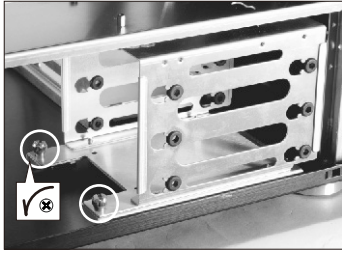


Fasten 4 thumb screws to secure.

## Support long VGA card

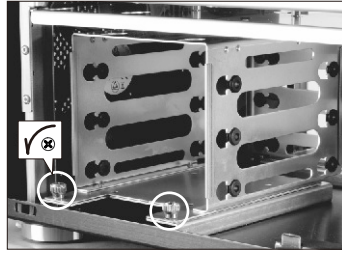


### Remove HDD cage-1



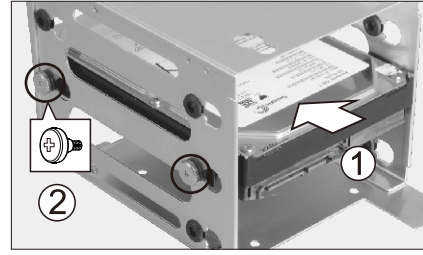
Release the HDD cages by loosening the 2 screws.

### Remove HDD cage-2



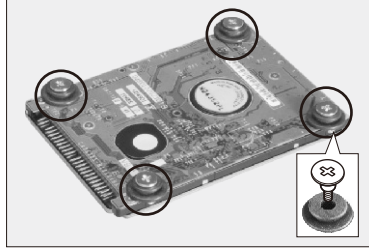
Release the HDD cages by loosening the 2 screws.

### 3.5" HDD installation

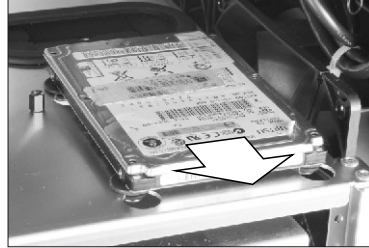


Insert the 3.5" HDD, and fasten thumb screws to secure.

### 2.5" HDD installation

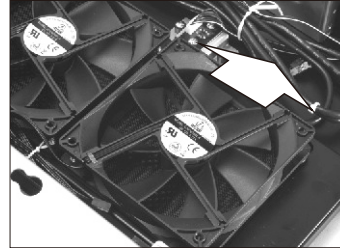


Install screws along with anti-vibration rubber rings onto the HDD.

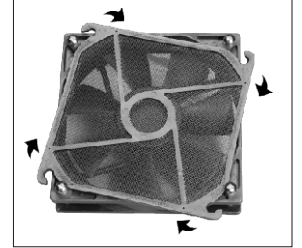


Slide the HDD into place on the HDD platform.

### Remove the fan & air filters

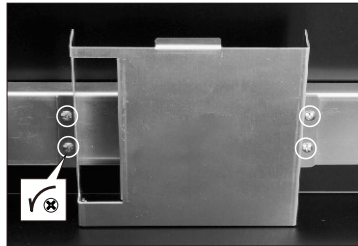


Slide the anti-vibration fan upwards to remove.

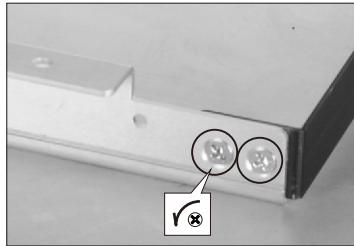


Rotate the washable air filter clockwise to remove.

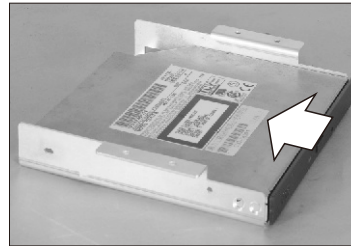
### Slim ODD installation



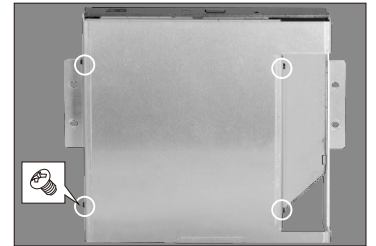
Unscrew the fastening screws to release the slim ODD tray.



Loose 4 screws to release slim ODD bezel.



Place the slim ODD into the ODD tray.

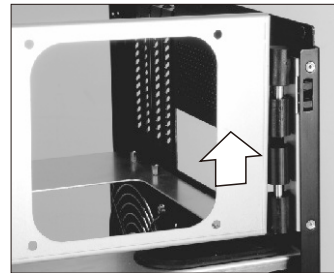


Use the screws to secure.

### Remove spare fans mount

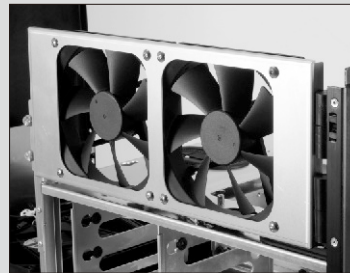


Remove 2 thumb screws to release.

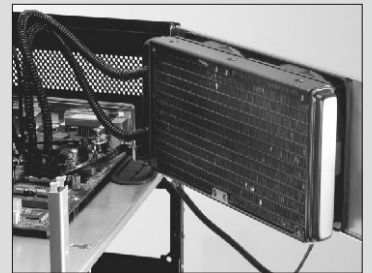


Pull to release.

### Water cooling radiator compatible

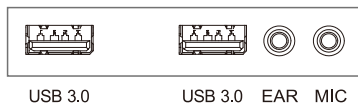


Option kit: 120 mm fans x 2



Option kit: water cooling radiator

### I/O port installation

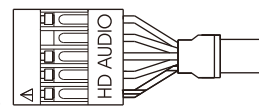


USB 3.0

USB 3.0 EAR MIC

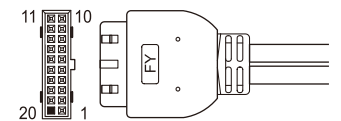
#### HD AUDIO

BLUE 10 9 GREEN  
BLACK PURPLE 8 7 KEY  
YELLOW 6 5 ORANGE  
GRAY 4 3 N.C.  
RED 2 1 GND+H.S. TUBE

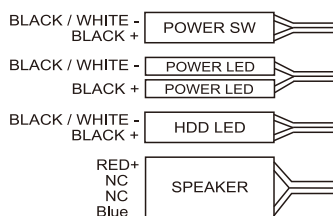


#### USB 3.0

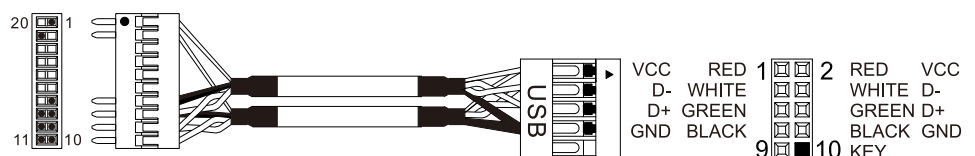
Supports motherboard USB 3.0 20 Pin header



### Cable installation guide



### USB 3.0 to USB 2.0 converter



VCC RED 1 2 RED VCC  
D- WHITE 3 4 WHITE D-  
D+ GREEN 5 6 GREEN D+  
GND BLACK 7 8 BLACK GND  
9 10 KEY