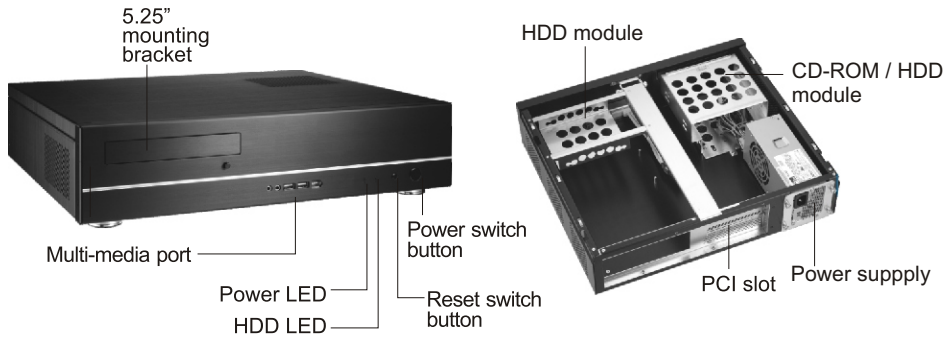
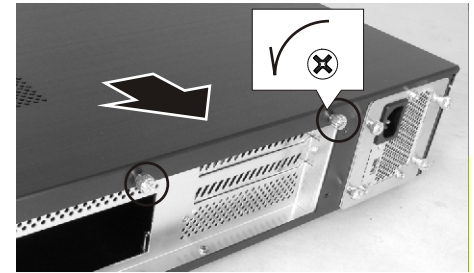


## Case component



## Remove the top panel



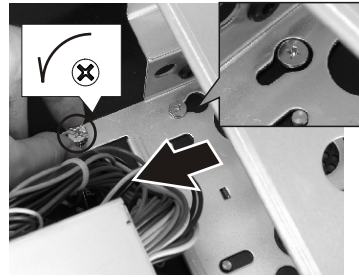
Loosening four thumb screws at the back of the case and push backward the top panel toward yourself.

## CD-ROM cover assembling method



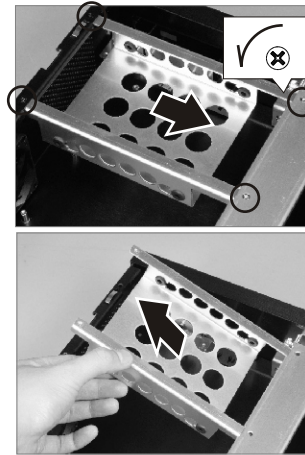
Use all the sticker on the bark of our cover bracket if you have a flat front look CD-ROM, and then stick our cover on your CD-ROM's front panel.

## Removable the HDD/CD-ROM module

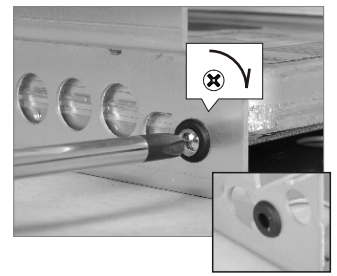


1. Loose thumb screws.
2. Push down the rack and slide it backward at the same time.

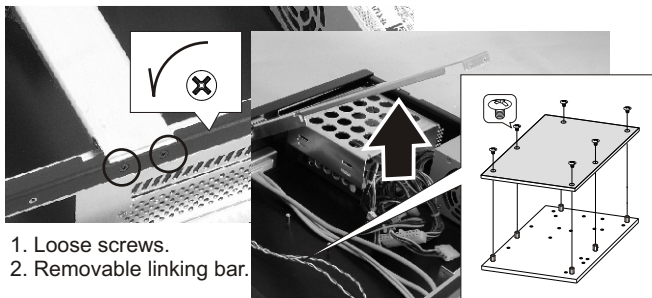
## Removable HDD module



## HDD installation

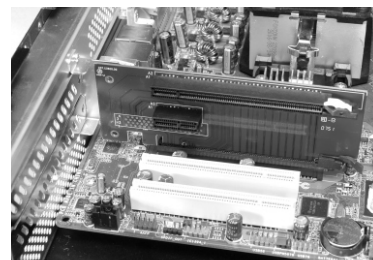


## Motherboard installation

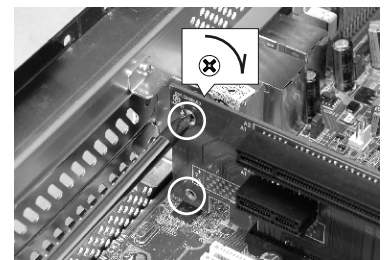


1. Loose screws.
2. Removable linking bar.

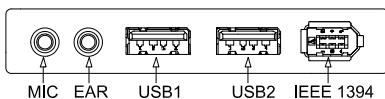
## Riser card installation



Use the riser card with full size 2 PCI slots back panel, for 1 x PCI-E and 1 x PCI express.



## I/O Port installation



### IEEE 1394

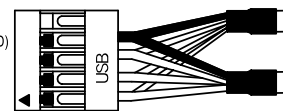
|             |    |   |              |
|-------------|----|---|--------------|
| Black(KEY)  | 10 | 9 | Black(GND)   |
| White(+12V) | 8  | 7 | White(+12V)  |
| Green(TPB+) | 6  | 5 | Red(TPB-)    |
| Black(VG)   | 4  | 3 | Black(VG)    |
| Blue(TPA+)  | 2  | 1 | Orange(TPA-) |

### HD AUDIO

|                   |    |   |                      |
|-------------------|----|---|----------------------|
| Blue(PORT2 L)     | 10 | 9 | Green(SENSE2_RETUR)  |
| Black(SENSE_SEND) | 8  | 7 | KEY                  |
| Yellow(PORT2 R)   | 6  | 5 | Orange(SENSE1_RETOR) |
| Brown(PORT1 R)    | 4  | 3 | Black(PRESENCE)      |
| Red(PORT1 L)      | 2  | 1 | Black(GND)           |

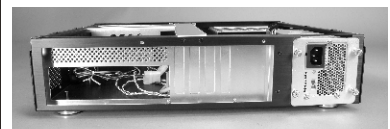
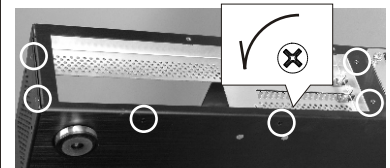
### USB 2.0

|             |             |
|-------------|-------------|
| KEY 10      | 9           |
| Black (GND) | 8           |
| Green       | 6           |
| White       | 4           |
| Red         | 2           |
| 7           | Black (GND) |
| 5           | Green       |
| 3           | White       |
| 1           | Red         |



|               |   |    |                |
|---------------|---|----|----------------|
| Black(AGND)   | 1 | 2  | Red(MIC)       |
| NC            | 3 | 4  | Brown(MIC-PWR) |
| Yellow(R-RET) | 5 | 6  | Yellow(R-OUT)  |
| KEY           | 7 | 8  | NC             |
| Blue(L-RET)   | 9 | 10 | Blue(L-OUT)    |

## Low-profile back panel installation



Low-profile back panel, for use 4 x Low-profile card

## Hardware list

\* Extra quantities are spare parts.

|  |                                         |  |                            |  |                            |  |                           |
|--|-----------------------------------------|--|----------------------------|--|----------------------------|--|---------------------------|
|  | Screw(10)<br>to fix drive & motherboard |  | Buzzer wire(1)             |  | Cable (1)                  |  | Low-profile back panel(1) |
|  | Cable tie(2)<br>for cable               |  | Screw(10)<br>to fix HDD    |  | Clamp(1)<br>to secure wire |  | Riser card(1)             |
|  | Thumb screw(3)<br>spare part            |  | Rubber ring(10)<br>for HDD |  | Sticker (1)                |  |                           |