

# L12

System Assembly manual



# Accessories

A



# 6-32 head-BI screws  
Length=6mm  
Q`ty : 8pcs  
Color: Nickel  
use: M/B(\*8)

B



M2 head-BI screws  
Length=2mm  
Q`ty : 2pcs  
color : Black  
use : ODD(\*2)

C



ODD Plastic rail  
Q`ty : 1pc  
color : blue  
use : ODD(\*1)

D



M3 Step screw  
Length=4mm  
Q`ty : 2pc  
Color : Nickel  
use : HDD(\*2)

E



#6-32 screws  
(screw head dia7.2x4mm)  
Length=4mm  
Q`ty : 1pc  
Color : Nickel  
use : HDD(\*1)

## 1. Disassembly of rear cover



Disassembly of 2pcs thumb screw



Remove the top cover



The whole picture after removed top cover

## 2. Installation of M/B



Remove the front panel



Remove the screw and rotate the bracket (cradle) at the position with angle 100 degree.



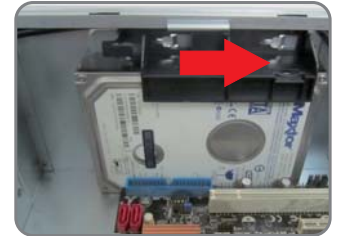
Screwing the accessories "A" x8 pcs

### 3. Installation of 3.5" HDD

**A (3.5"HDD x 1)** user can Installation the 3.5"HDD at this location.



please take out the black plastic HDD holder



Re-fit the black plastic HDD holder after fitted the 3.5"HDD.



HDD 180°SATA Power Cable



HDD SATA Date Cable

**B (3.5"HDD x 1)** user can Installation the 3.5"HDD at this location.



please take out the black plastic HDD holder



Re-fit the black plastic HDD holder after fitted the 3.5"HDD.



HDD 90°SATA Power Cable



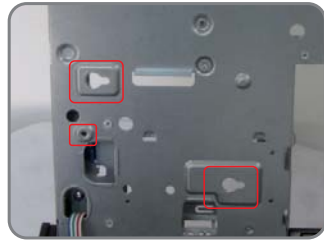
HDD SATA Date Cable

## 4. Installation of 2.5" HDD

**C (2.5"HDD x 1)** please fit this 2.5HDD under the ODD  
This 2.5"HDD must be assembled before fitting the ODD



fitting 2pcs "E" screw on 2.5"HDD



open the cradle



fit the HDD on cradle , push and move it as the RED arrow direction



Screwing the accessories "E"x1pc



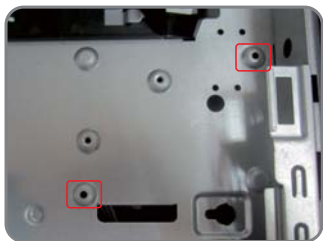
HDD 90°SATA Power Cable



HDD SATA Cable



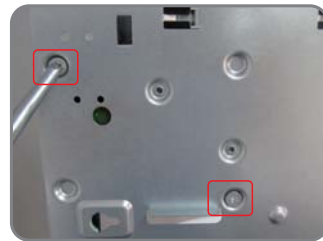
**D (2.5"HDD x 1)** Please fit this 2.5"HDD beside to the ODD  
then user can install the 2nd 2.5"HDD at this location.



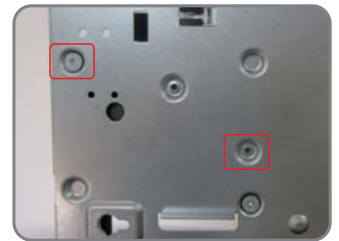
The location for fitting 2.5"HDD



open the cradle and put the 2.5HDD at this place  
(note: please pay attention the HDD might fall down).



Screwing the accessories "D"x2pcs



HDD 180°SATA Power Cable



HDD SATA Cable



## 5. Installation of ODD



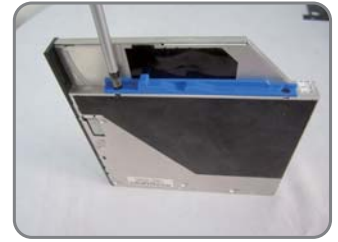
Slides off the side cover upwardly



Disassemble the half-punched metal cover to take it out



Assemble "C" onto ODD with 2pcs accessories "B"



Slide the ODD into chassis from front side



m-SATA Cable

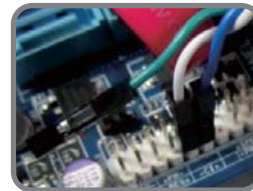
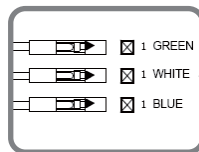


HDD 90° SATA Power Cable

## 6. Installation of Intrusion Switch cable(Optional)



Intrusion Switch



OPEN in Habit : BLUE+WHITE



SHORT in Habit: GREEN+WHITE

## 7. Installation of 4 in 1 Card Reader(Optional)



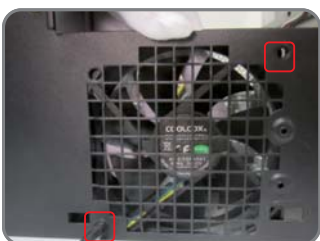
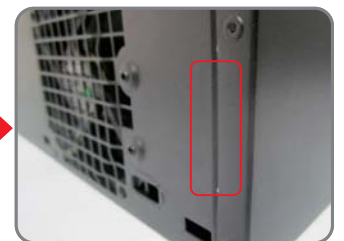
4 in 1 Card Reader



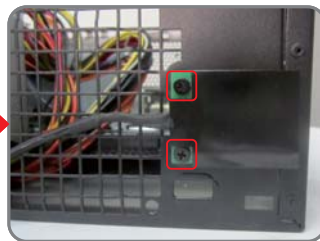
M3 head-BI screws (Option)  
Length=3mm Q`ty : 2pcs



Remove this half-punched metal bracket



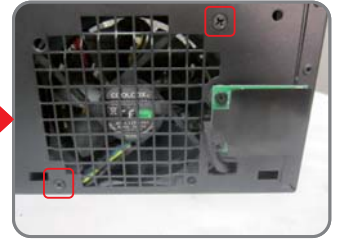
Remove 2pcs fan screw(system fan)



Fitting 2pcs M3x3 screw



let the cable go through this hole as shown on picture.



fit the fan screw back again.

## 8. Installation of Smart Card Reader(Optional)



Smart Card Reader



Remove the half-punched metal cover



fit the smart card reader



Smart Card Reader USB Cable

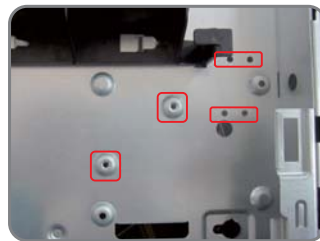
## 9. Installation of L12 solenoid lock (optional)



L12 solenoid lock



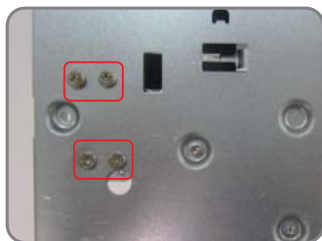
M3 head-BI screws (optional)  
Length=4mm Q'ty : 6pcs



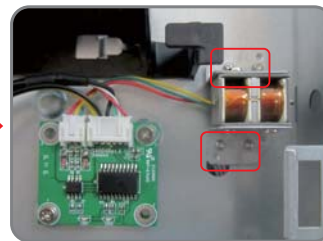
Fit the PCB with 2pcs M3 screw,  
the cable should be at the top side.



the status after assembled



from the cradle's rear side  
to fit the lock with 4pcs screw.



HDD SATA Cable



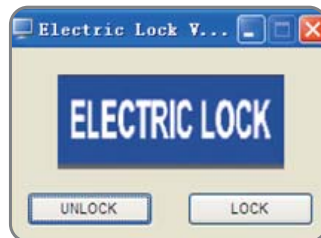
solenoid lock USB cable



save the software "Electric Lock V1.4-4.0"  
into USB dongle, plug this USB dongle into PC



Electric Lock  
V1.4-4.0



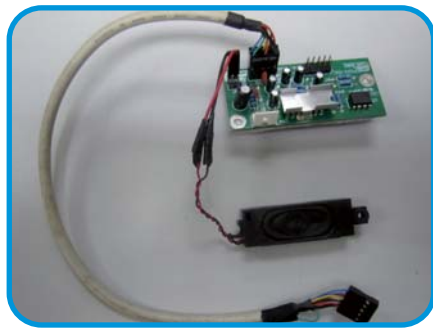
find out the software from USB dongle,  
"LOCK" means the lock is closed,  
"UNLOCK" means the lock is open.



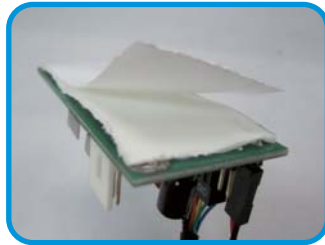
If PC shot down and the lock has been closed,  
the top cover can't be removed.  
User could use this nail (shown as picture)  
to push out the lock pin of solenoid lock inside PC,  
then top cover could be removed.



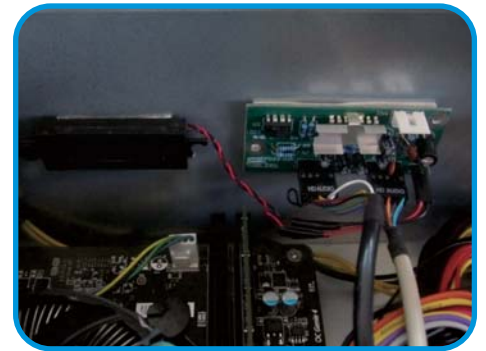
## 10.SOP for Installation the active speaker on L12 (Optional)



L12 Speaker & PCB



Please tear off the sticker at the back side of PCB/speaker .



Stick the PCB/speaker on the inner side of top cover

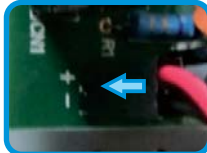
M/B side



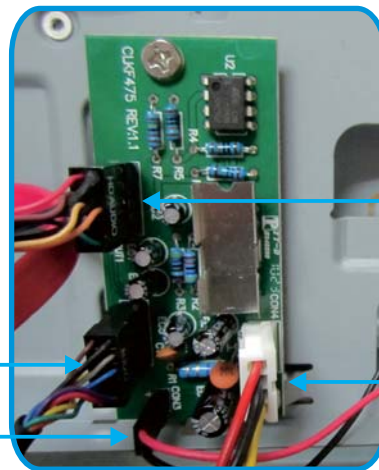
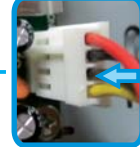
Cable From Front I/O



Speaker cable



From PSU



Connect the cables

## 11. Installation of Top Cover



Assemble the screw to fix the cradle .



Fit the front panel



Assemble the top cover



Re-assemble the 2pcs thumb screw