YEONG YANG

A case should be...

YY-C5xx mini ITX chassis

System **assembly guide**

Jan. 2009

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Drive Configuration :

Slim ODD drive x 1
Card Reader x 1
2.5”HDD x 2 (max.)

Open top cover

Loose 2 screws on the rear end; pull back and lift up the top cover

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Remove Front Bezel

Forced pull the bezel

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Remove drive cage

Loose 3 screws; lift up the cage

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Remove Support Bar

Loose 1 screw and lift up the bar

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MB and Add-in-card Assembly

Insert I/O shield for mainboard
Fix M/B by 4 screws [6#32 type]

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2.5”HDD assembly

The cage can hold two(2) hard drives;
fix drive by 4 screws [M3 type screws]
Fix the cage onto chassis by 2 screws [6#32 type]

1

2

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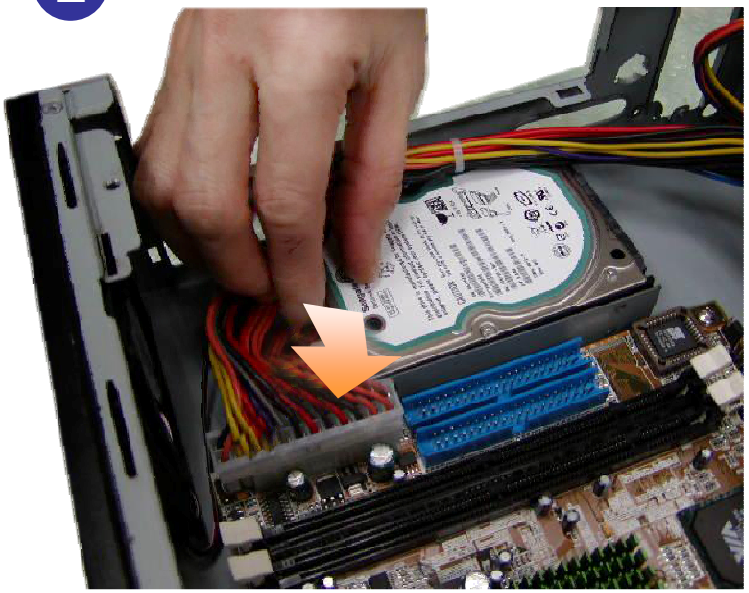
Cable Routing

Fix the support bar; may utilize the bar to route and hide the cable mess
Plug and routing P24, P4 cables, SATA cables

1

2



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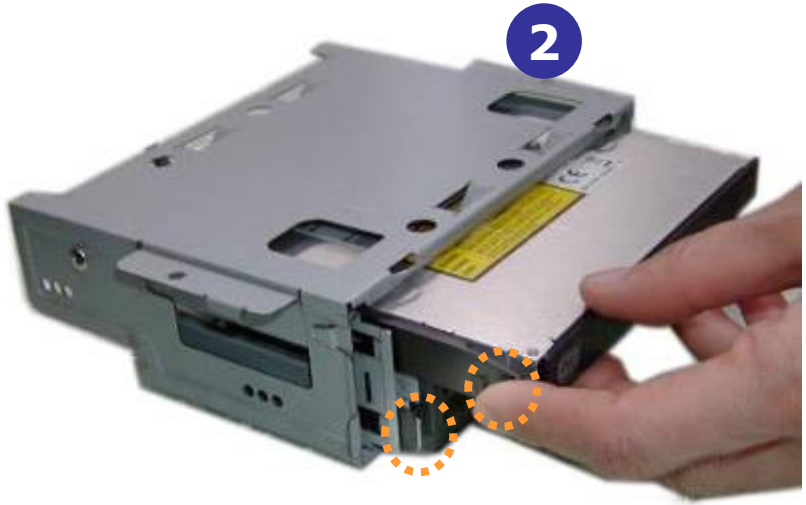
Slim ODD, 3.5” drive assembly

Find the slide in kits box, need one slide only for each drive

Insert the slide to the assembly hole of drive

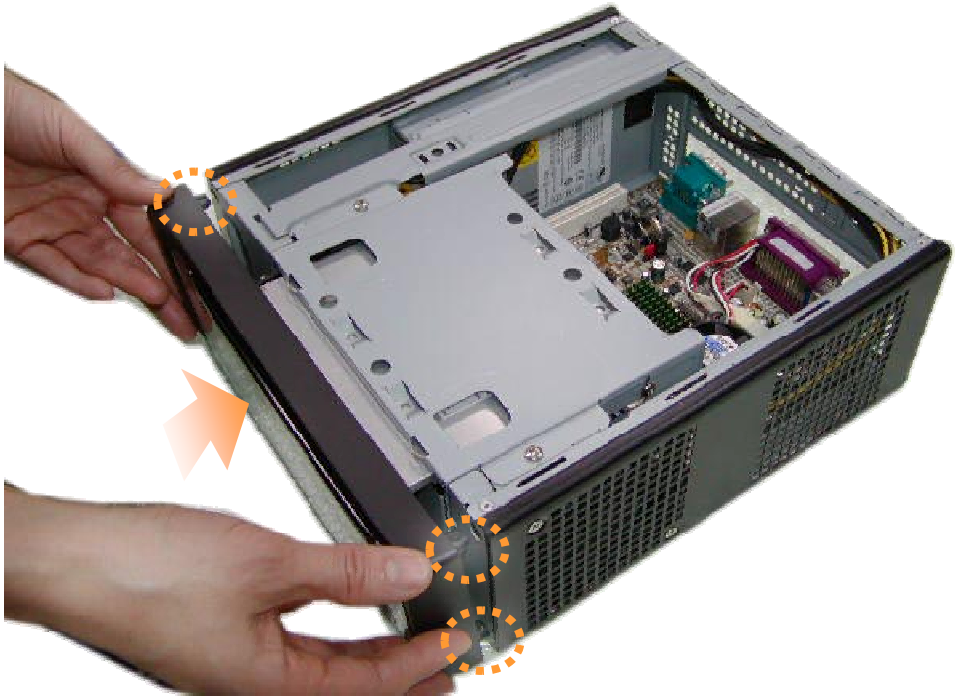
Slide in the drive into cage

Fix the cage onto chassis by 3 screws [6#32 type]



Assembly front bezel

Forced push the bezel onto chassis



Fix top cover

Push the top cover into chassis;
fix thumb screws

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about **YY-C5xx** features
Flexible Drive Cage

to configure system as you like

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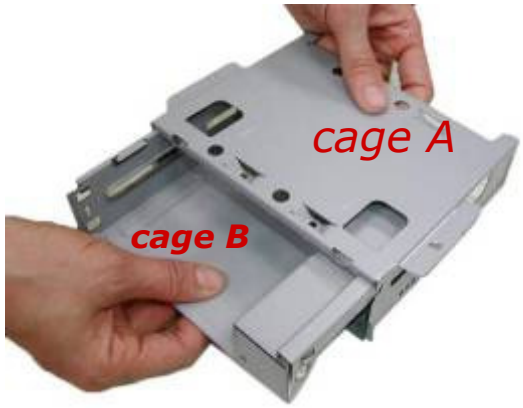
Flexible Drive Cage

The drive cage is designed in 2 parts, cage A is the main cage, could combine with cage B, or to be used alone.

How to use cage A alone?
It could be used to hold a 3.5”HDD or to be used for assembly 5.25” ODD



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Drive Configuration :

3.5” HDD x 1 *use cage A*

2.5” HDD x 2 (max.) *use 2.5”cage*

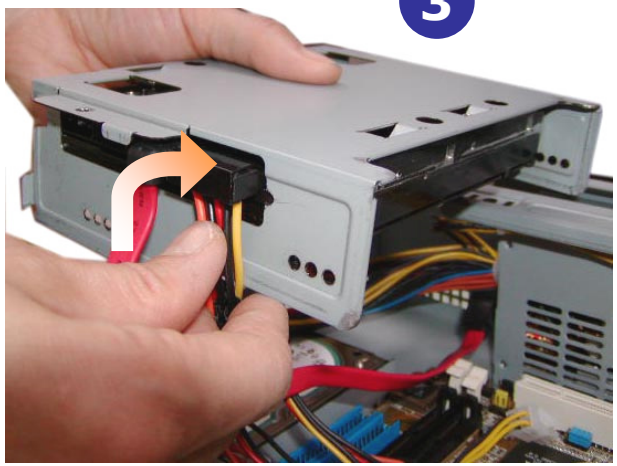
3.5”HDD Assembly

Use cage A only
Up side down the drive;
fix drive by 4 screws [6#32 type]
Plug and routing cables [the SATA cable must be right-angle type]
Fix the cage onto chassis by 3 screws [6#32 type]

1

2

3



4

A case should be...

Drive Configuration :

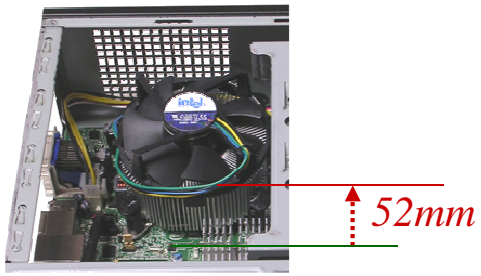
5.25” ODD x 1 *use cage A*

2.5” HDD x 2 (max.) *use 2.5”cage*

F *Reminder:*

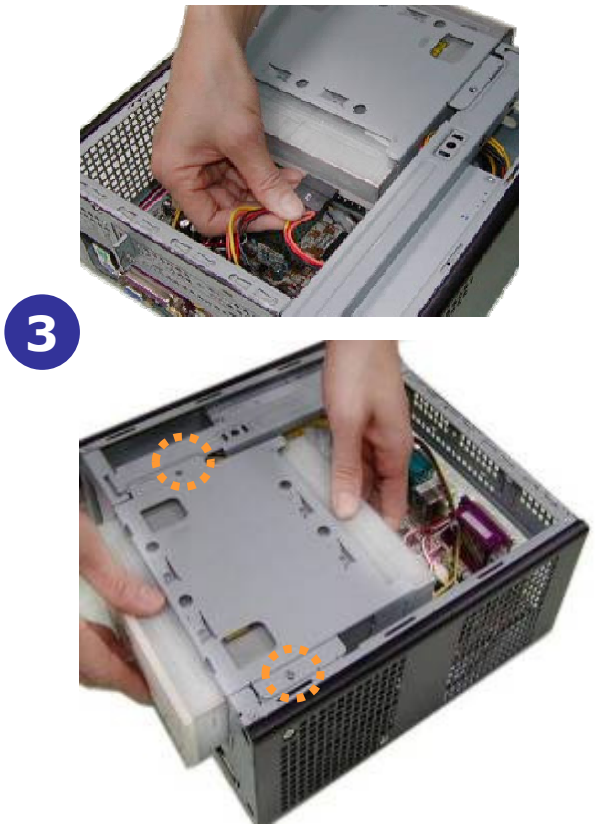
When MB’ KOZ (Keep Out Zone) is over 34mm height, the board’s components may conflict with 5.25”ODD

for example: a Mainstream boxed CPU and FHS height is about 52mm above mainboard, the FHS will conflict with 5.25”optical drive



5.25”ODD Assembly

Use cage A only
To fix drive by 4 screws (M3 type)
Pre-routing the cable, then fix the cage onto chassis by 3 screws [6#32 type]



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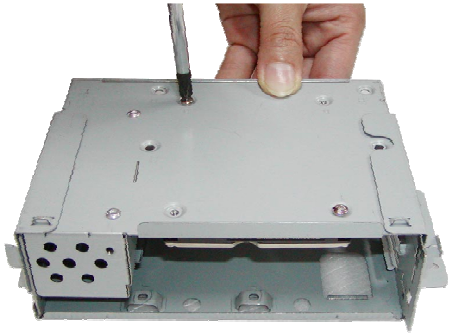
Drive Configuration :

Slim ODD x 1
2.5” HDD x 1
Use cage A+B

2.5” HDD x 2 (max.) *use 2.5”cage*

Slim ODD & 2.5”HDD Assembly

To fix 2.5” hard drive by 4 screws [M3 type]
Use slide to fix slim ODD; Slide it into cage
Fix the cage onto chassis by 3 screws [6#32 type]
Fix the 3.5”shield cover by 2 screws [6#32 type]



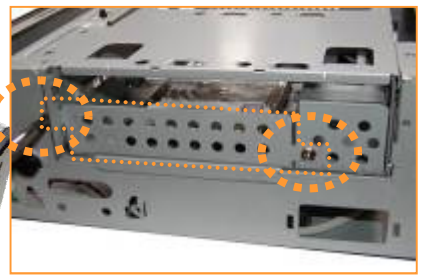
1

Up side down the drive and cage, to center “h” marked holes

2

3

4



*3.5” shield cover**

Compliant to KOZ of 57mm

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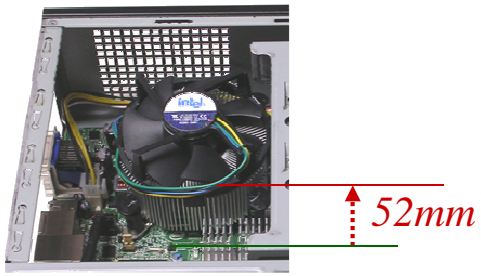
Drive Configuration :

Slim ODD x 1
3.5” HDD x 1 *Use cage A+B*

2.5” HDD x 2 (max.) *use 2.5”cage*

F *Reminder:*

When MB’ KOZ (Keep Out Zone) is over 34mm height, the board’s components may conflict with 3.5”HDD
for example: a Mainstream boxed CPU and FHS height is about 52mm above mainboard, the FHS maybe conflict with 3.5”hard drive



Slim ODD & 3.5”HDD Assembly

To fix 3.5” hard drive by 4 screws [6#32 type]
Use slide to fix slim ODD; Slide it into cage
Fix the cage onto chassis by 2 screws [6#32 type]

Up side down the drive and cage, to center “H” marked holes

1

2

3

As EMI validated, the 3.5” hard drive will block the opening of chassis. No need to add shield cover.

Compliant to KOZ of 34mm

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