

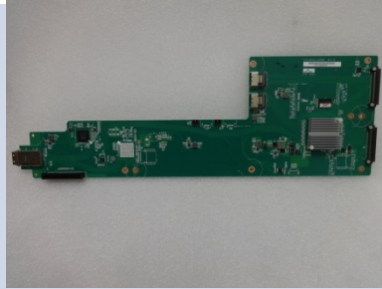
# CiB-9220 Node Installation Guide

# CiB-9220 Components / Node

All components / per Node



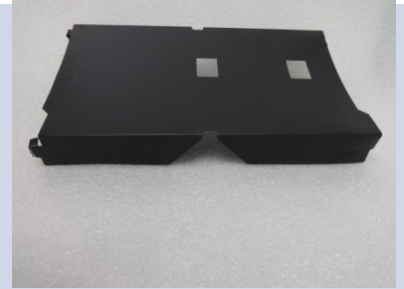
Expander Board



5 kinds of screws



Air duct



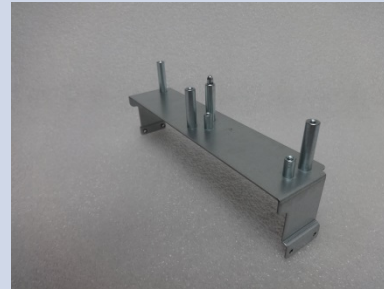
Rear bracket



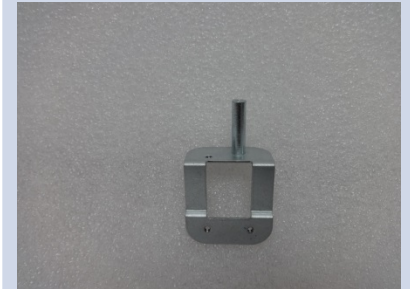
SSD mounting bracket



Front bracket



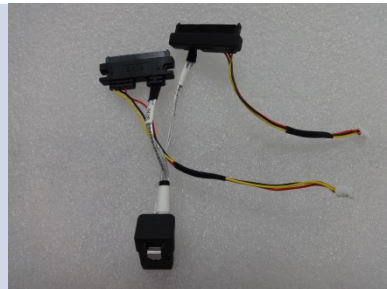
Middle bracket



SAS to SAS Cable



SAS to SATA Cable  
for boot drive



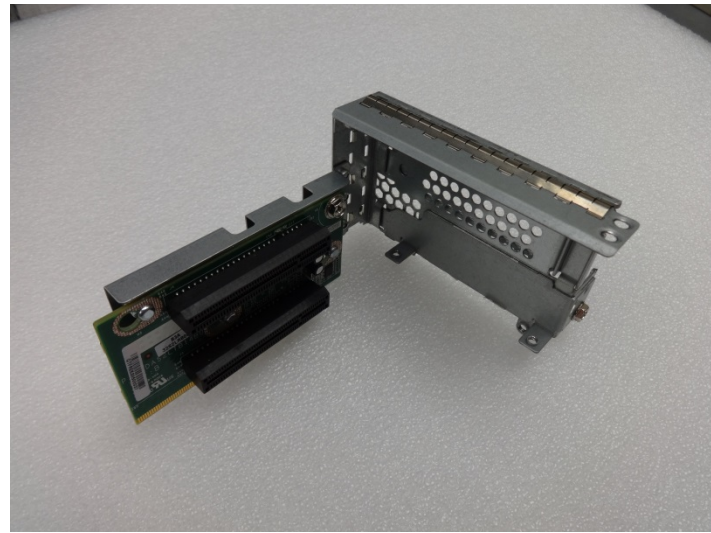
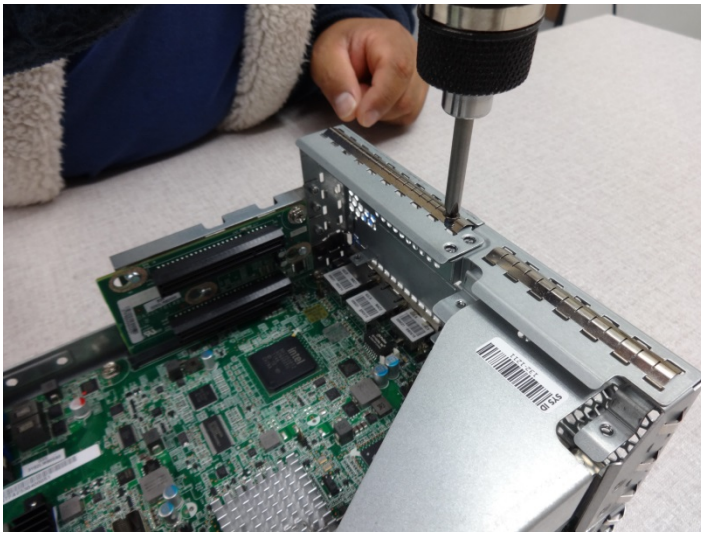
# CiB-9220 Components-Screw Bags

Screw #	Use for	QTY
1	Controller card mounting bracket	7
2	Node bracket	10
3	Expander board	5
4	Bracket & Expander board	4
5	Boot drive bracket	8



# STEP 1

- Unscrew controller card mounting bracket from node. (rear end)

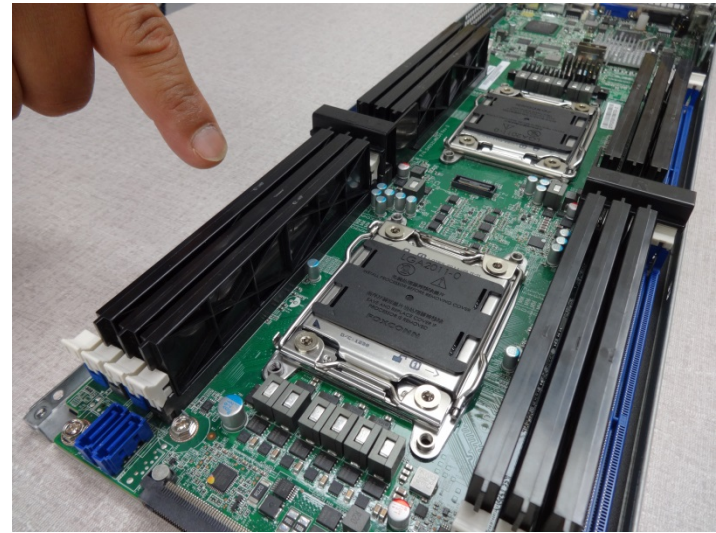
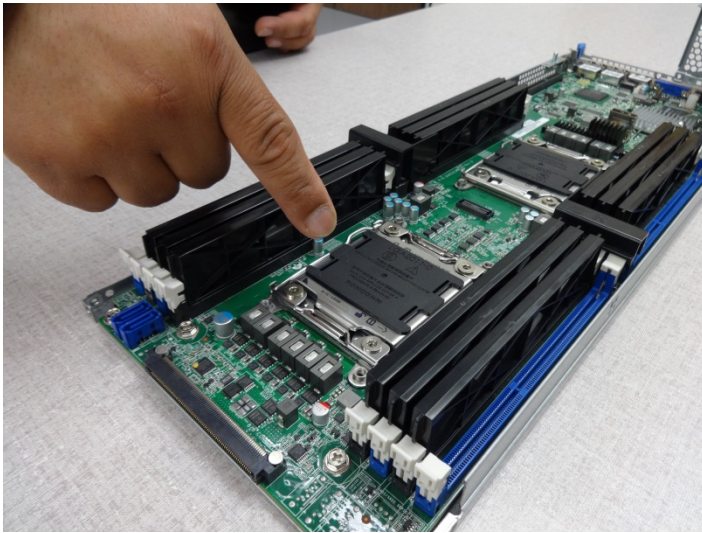


*Controller card mounting bracket*



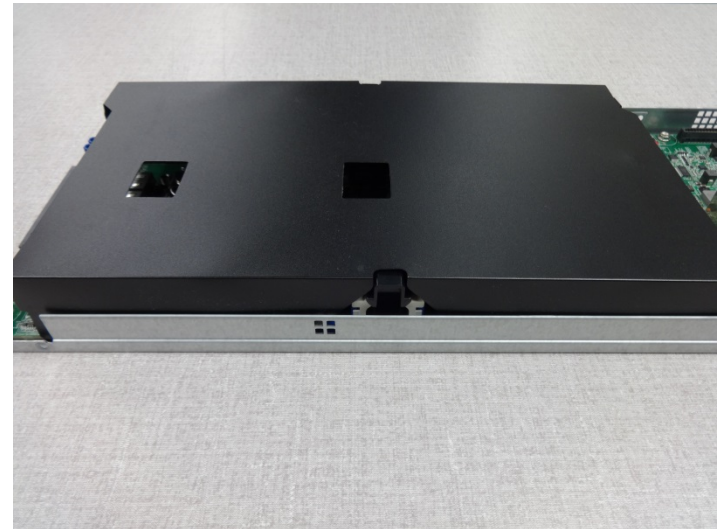
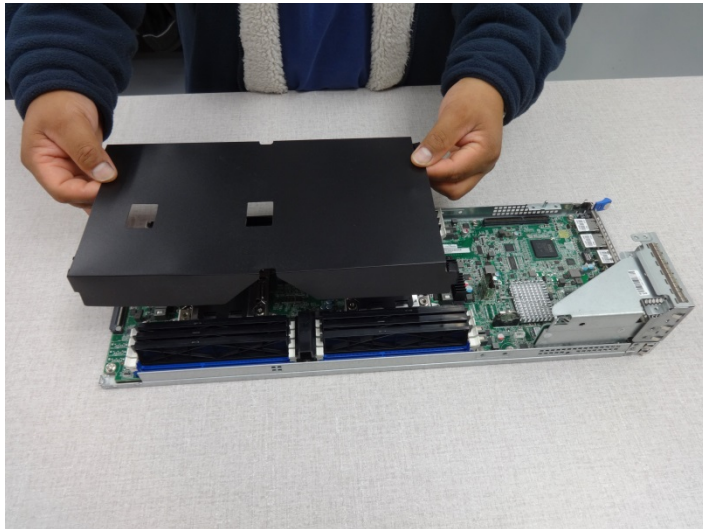
# STEP 2

- Install CPU & Memory



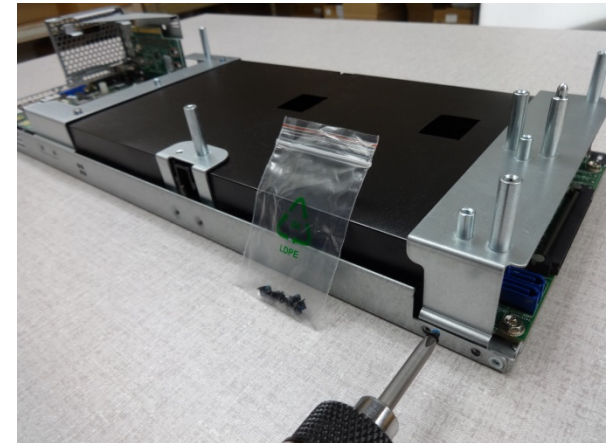
# STEP 3

- Properly sit air duck on top of PCU & Memory area.  
(opening flaps front end of node)



# STEP 4

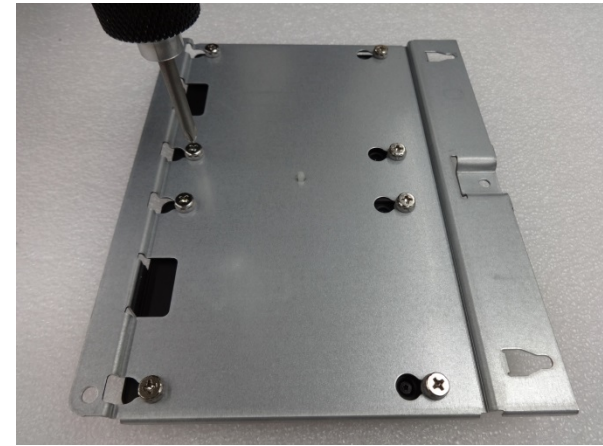
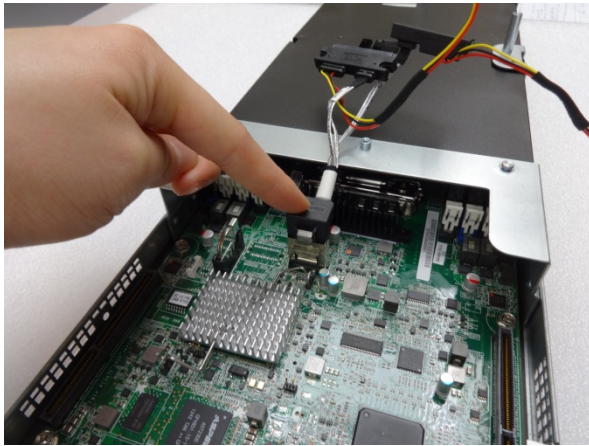
- Take 3 mounting brackets and place it on air duct then screw it. (Use SB#2, 10 of 10 screws in Pic#1~#3)





# STEP 5

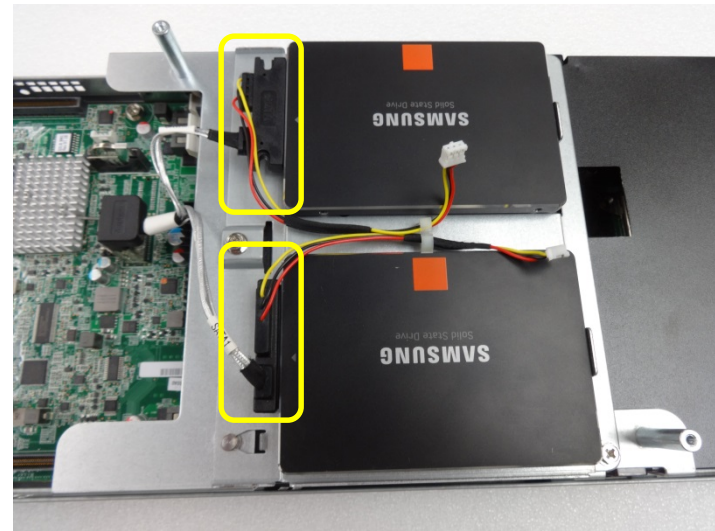
- Connect SATA cable and install SSD to bracket  
(Use SB#5, 8 of 8 screws in Pic#3)





# STEP 6

- Install SSD bracket on the node (Use SB#4,2 of 4 screws in Pic#1) and connect SATA cable.

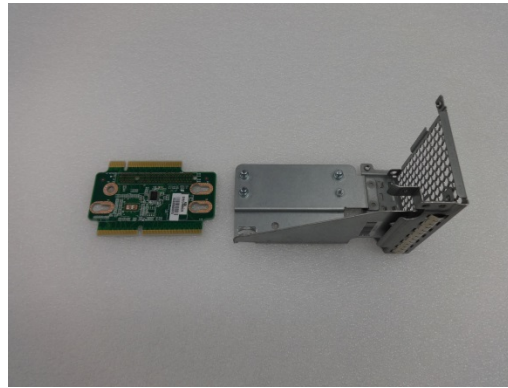


# STEP 7-1

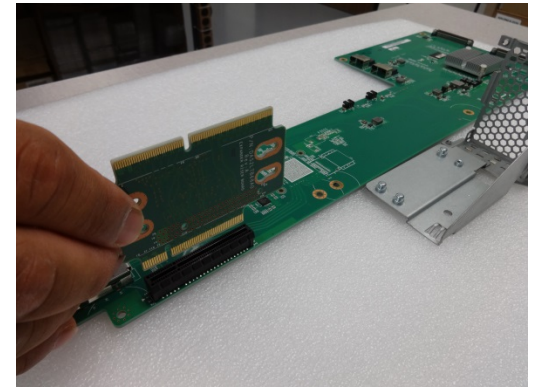
- Expander board installation



*Unscrew Expander board bracket*



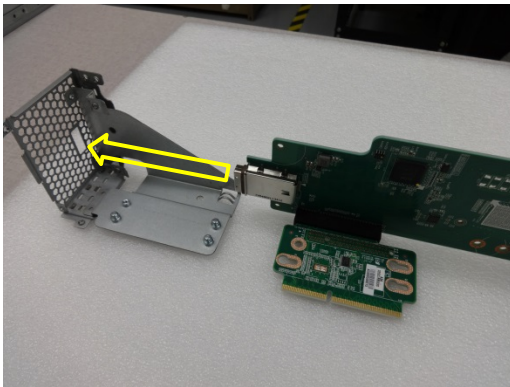
*Unscrew riser card and bracket*



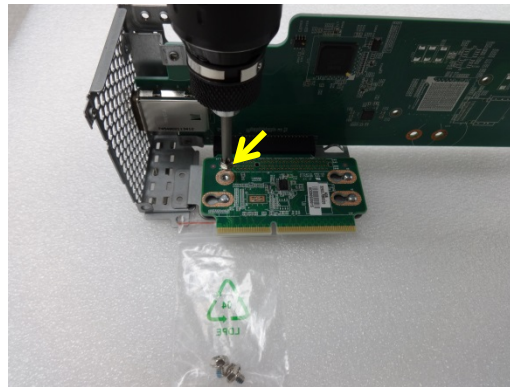
*Install riser on Expander board*

# STEP 7-2

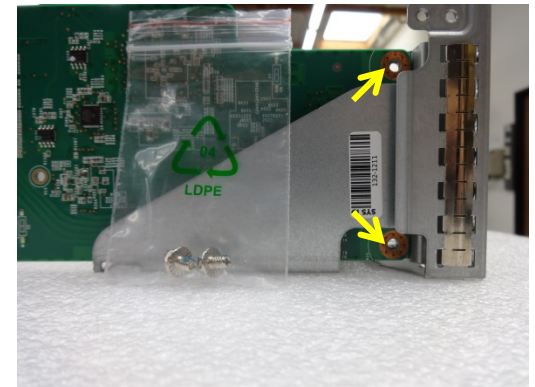
- Expander board installation (Use SB#4, 2 of 4 screws in Pic#3)



*Put riser card back onto bracket*



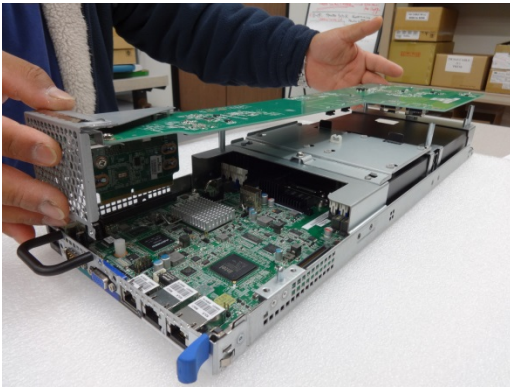
*Screw riser onto bracket*



*Screw top of Expander board with two crews*

# STEP 7-3

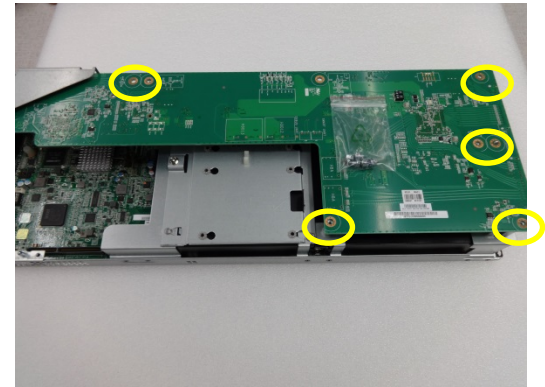
- Expander board installation



*Mount Expander board with bracket onto Node.*



*Riser card properly into the slot.*

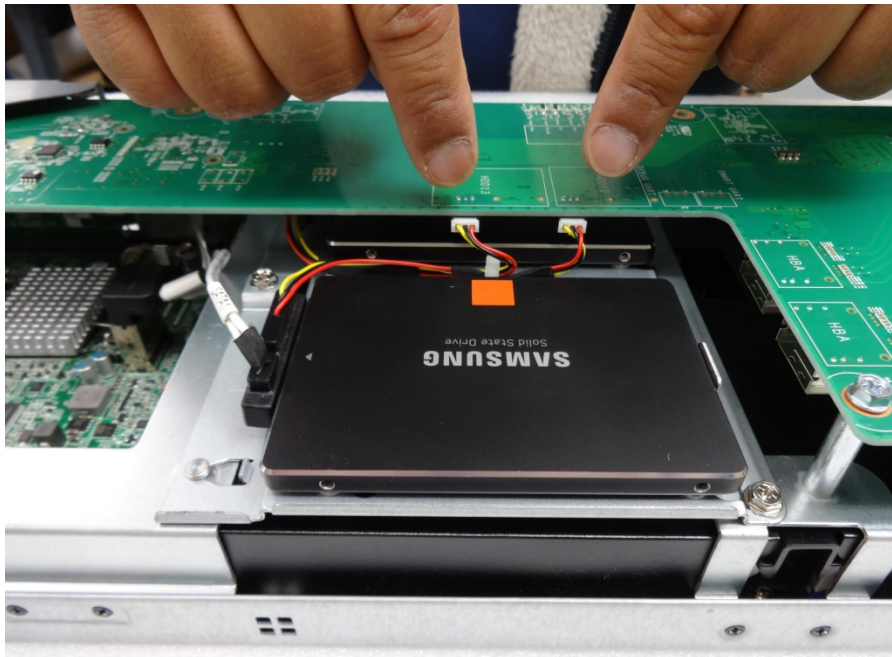


*Screw into place Expander board with five screws (yellow circle).*



# STEP 8

- Connect SSD power

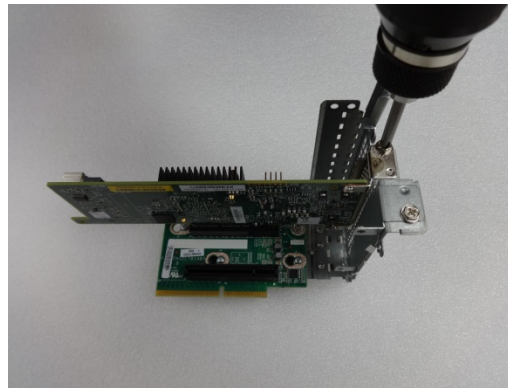


# STEP 9-1

- HBA and Riser card installation



*Place HBA card in low profile slot.*



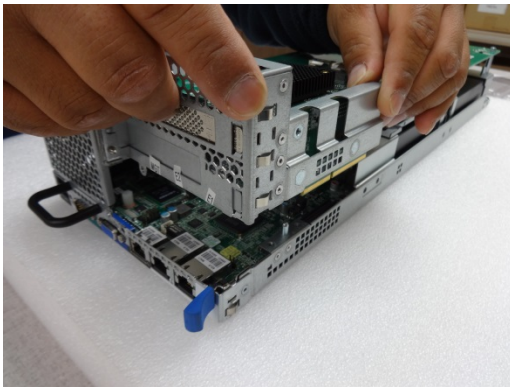
*Screw onto bracket.*



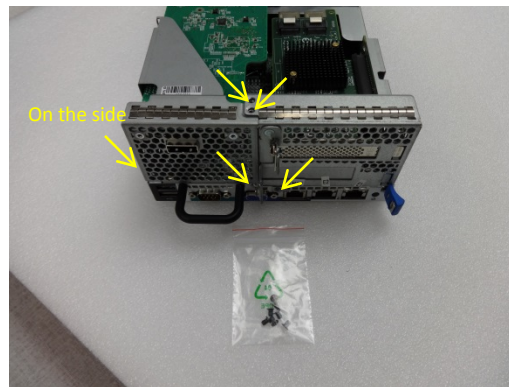
*Ensure HBA is in slot.*

# STEP 9-2

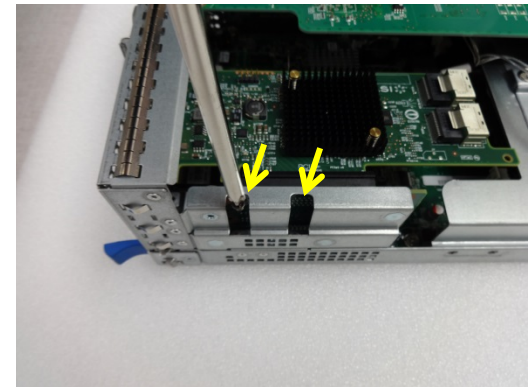
- HBA and Riser card installation (Use SB#1,7 of 7 screws in Pic#2~3)



*Mount card bracket onto the Node.*



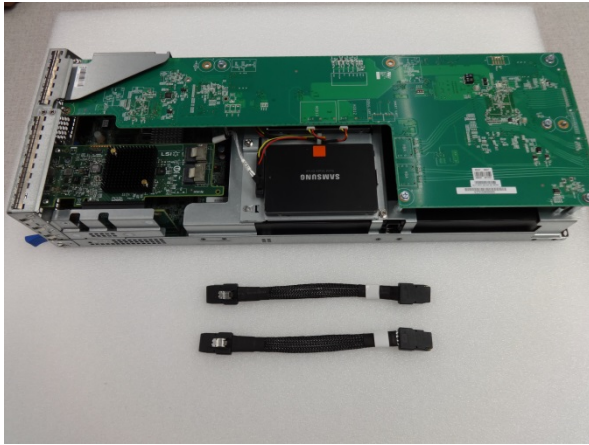
*Screw five screws as image. (yellow arrow)*



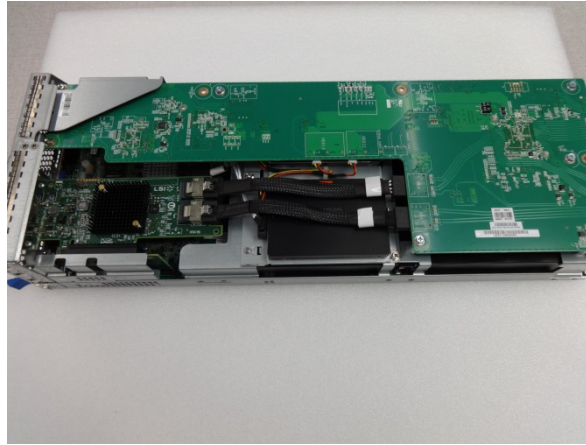
*Screw right side two screws. (yellow arrow)*

# STEP 10

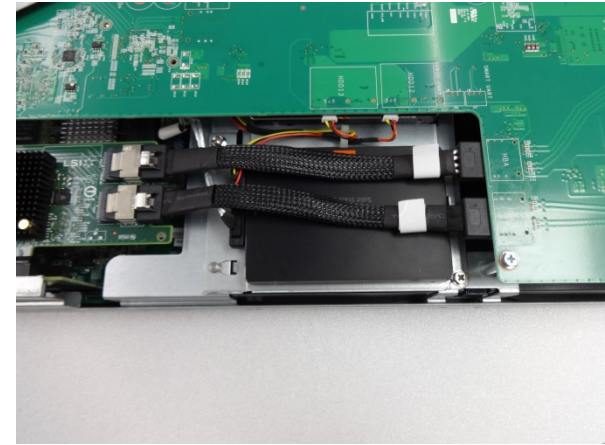
- HBA Cable connect



*Two SATA cables for  
HBA card / Expander  
board.*



*Connect two SATA cables to HBA card as image  
#2, 3.*





# Thank you for reading!

