

# Quick Start Guide for SKY-8132S-11

## Hardware installation and BIOS set-up

December 08, 2021

Cloud-IoT Business Group



# Contents

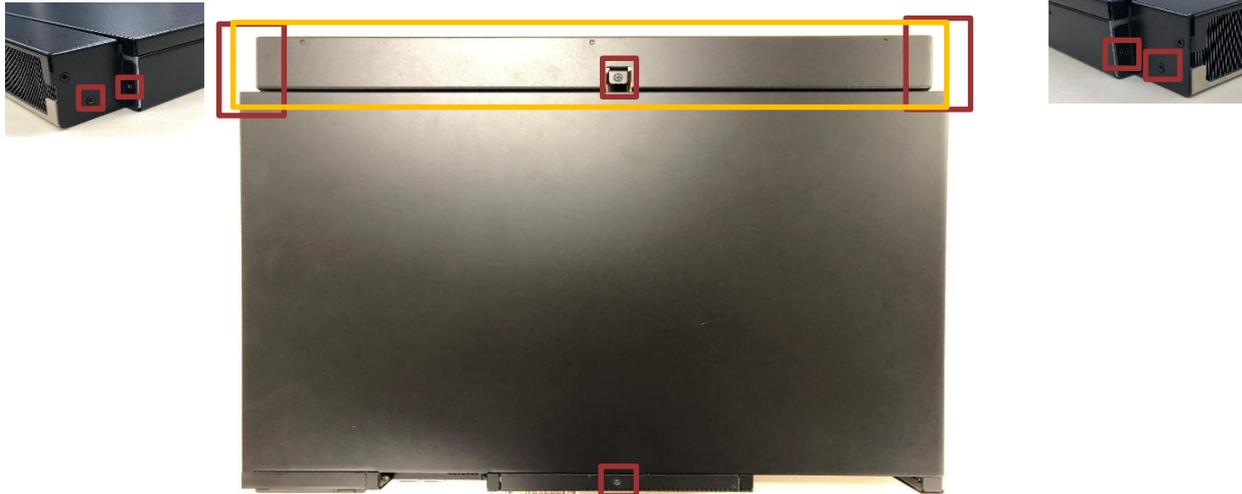
- **Hardware removal and installation**
- **BIOS setup and FAQ**
- **Using your own OS**

# Top view of SKY-8132S-11



# Opening Top Cover (1/2)

1. Use a M2 Phillips head screw driver
2. Notice there are 6 M2 screws (red marked) to be removed before opening the top cover
3. Lift the top cover of extended heatsink(yellow marked)

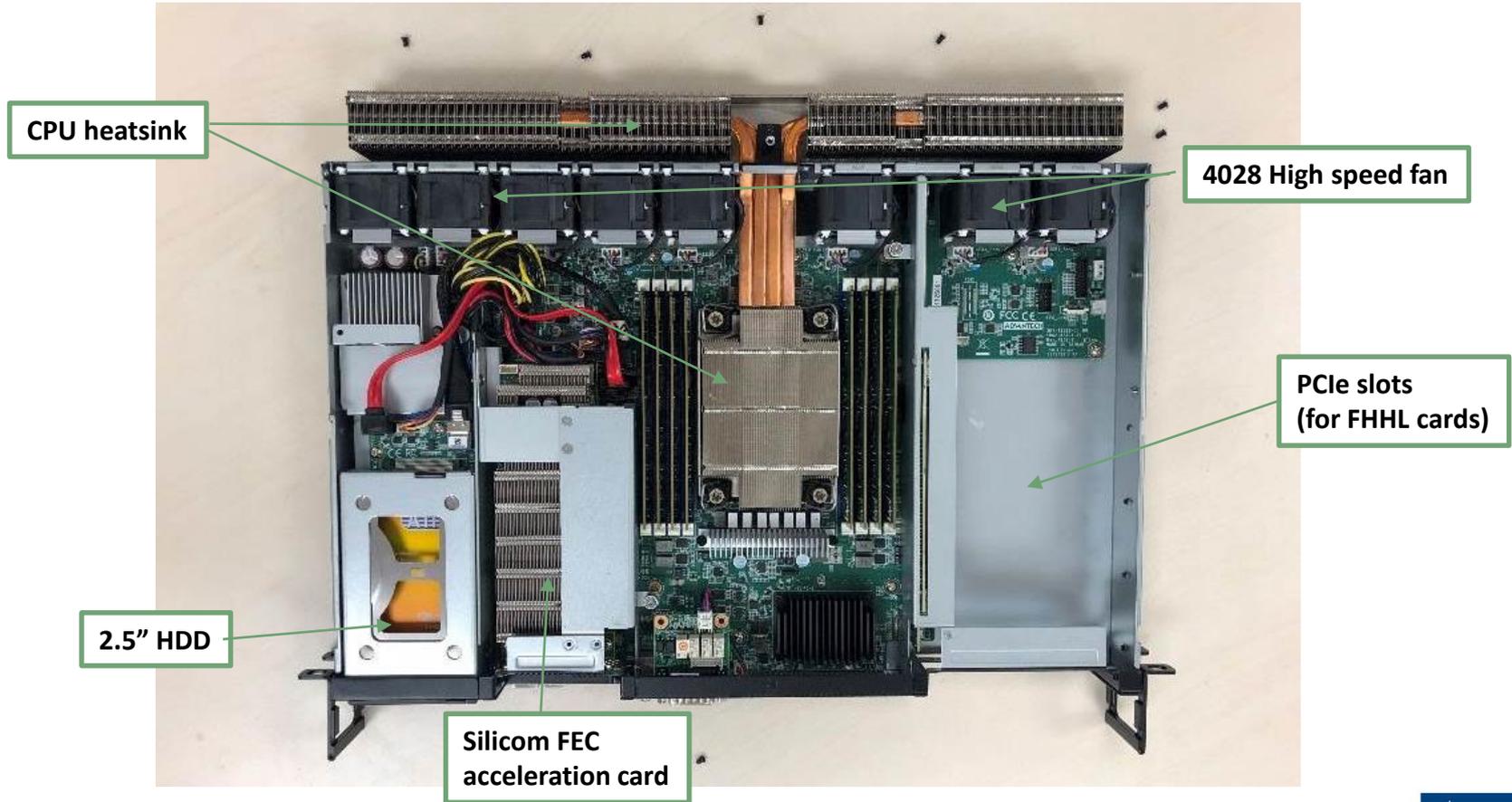


# Opening Top Cover (2/2)

1. Remove the 2 M2 screws behind the cover of extended heatsink (red marked)
2. Slide the top cover toward you and lift it

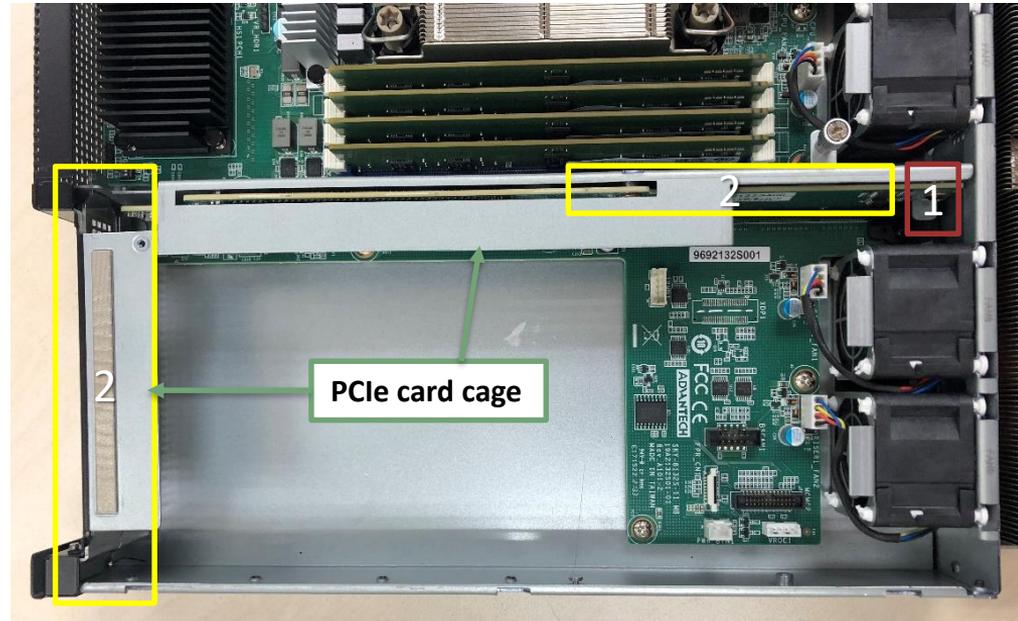


# After removing the top cover



# Removing FHHL PCIe card cage

1. Loose the thumb screw (red marked)
2. Hold yellow areas and lift up gently



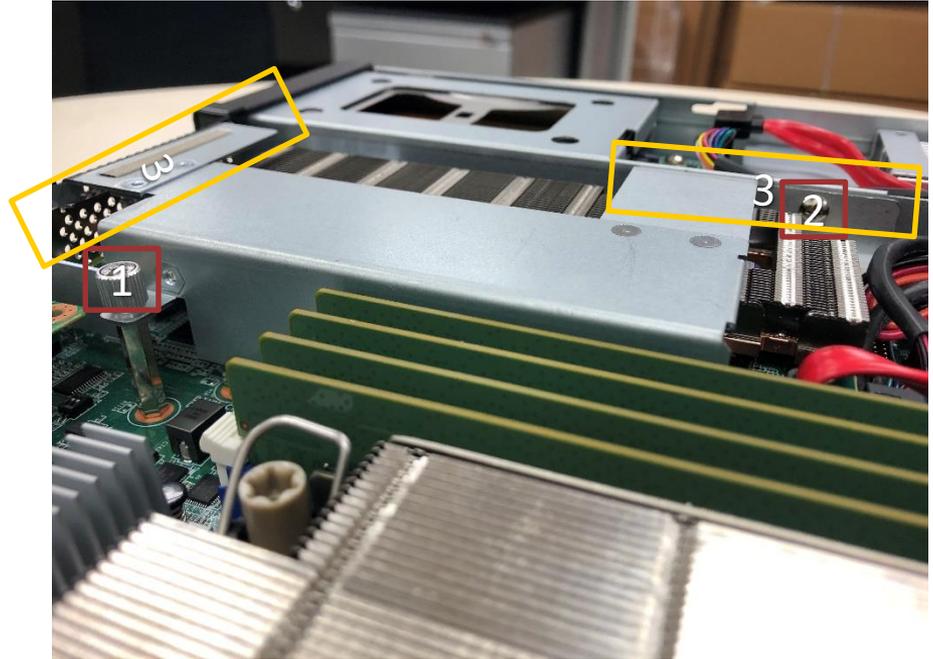
# Installing FHHL PCIe card cage

1. Make sure front groove has matched 2 red circled spot.
2. Make sure rear pillar matched another red circle
3. Hold yellow areas and press down to engage the PCIe connector on the MB



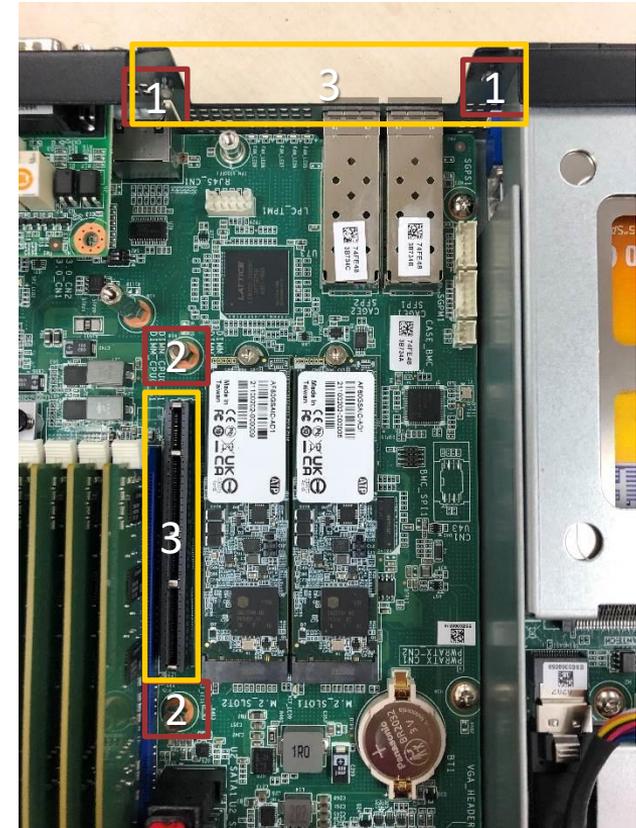
# Removing LP PCIe card Cage

1. Loose the thumb screw (red marked)
2. Remove right screw (red marked)
3. Hold yellow area and lift



# Installing LP PCIe card cage

1. Make sure front groove has matched 2 red circled spot.
2. Make sure rear pillar matched another red circle
3. Hold yellow area and press to the end



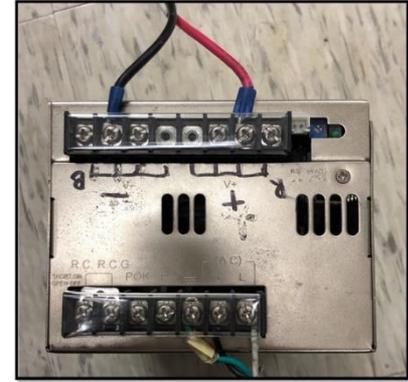
# Accessories

- Accessory box
  1. System mounting ears\*2
  2. M2 screws for ear wings\*6  
(3 for each)
  3. RJ45-USB console cable\*1
  4. Spare M2 screws\*4
  5. DC Power cable\*2



# Starting your SKY-8132S-11 System

- Console setting on your laptop
- Connect the console port and your laptop PC with the RJ45-USB cable
- Connect both power cables to a set of redundant DC power sources (-48VDC), following by connecting the cables (blue connectors) to your system to power up
- Check power module LED are all green (blue circle)
- Check network link LED is blinking green (red circle)
- For the first time boot up, waiting for 3~5 minutes for console display



Example for connecting power supply through power cable



# BIOS setup and FAQ

- Please refer to SKY-8132S-11 BIOS Manual (double click)
- [\[Quick Start Guide #1\] How to get device power on and display?](#)
- [\[Quick Start Guide #2\] How to setup remote monitoring and controlling to the device?](#)
- [How to install operating system remotely through BMC Web UI? \(Remote Storage\)](#)



SKY-8132S-11  
BIOS Manual

# Using your own OS-with bootable USB

- Text mode:
  - 1. setup PuTTY on PC with baud rate 115200, 8, N, 1
  - 2. plug-in USB bootable disk
  - 3. select USB bootable disk in BIOS menu then save
  
- GUI (Graphical User Interface) mode
  - 1. setting BMC IP via BIOS setup menu
  - 2. using internet browser (recommended Google Chrome) from another PC to connect to BMC ip
  - 3. login with default credential
    - account: administrator / password: advantech
  - 4. using iKVM to access to OS

# Using your own OS-Installing on SSD

- Text mode:
  - 1. setup PuTTY on PC with baud rate 115200, 8, N, 1
  - 2. plug-in USB installation disk
  - 3. select USB installation disk in BIOS menu then save
  - 4. running OS installation process
  
- GUI (Graphical User Interface) mode
  - 1. setting BMC IP via BIOS setup menu
  - 2. using internet browser (recommended Google Chrome) from another PC to connect to BMC ip
  - 3. login with default credential  
  
account: administrator/ password: advantech
  - 4. using iKVM to access to OS

# Co-Creating the Future of the IoT World

