K11001 SERVER CHASSIS

Product Manual V1.0

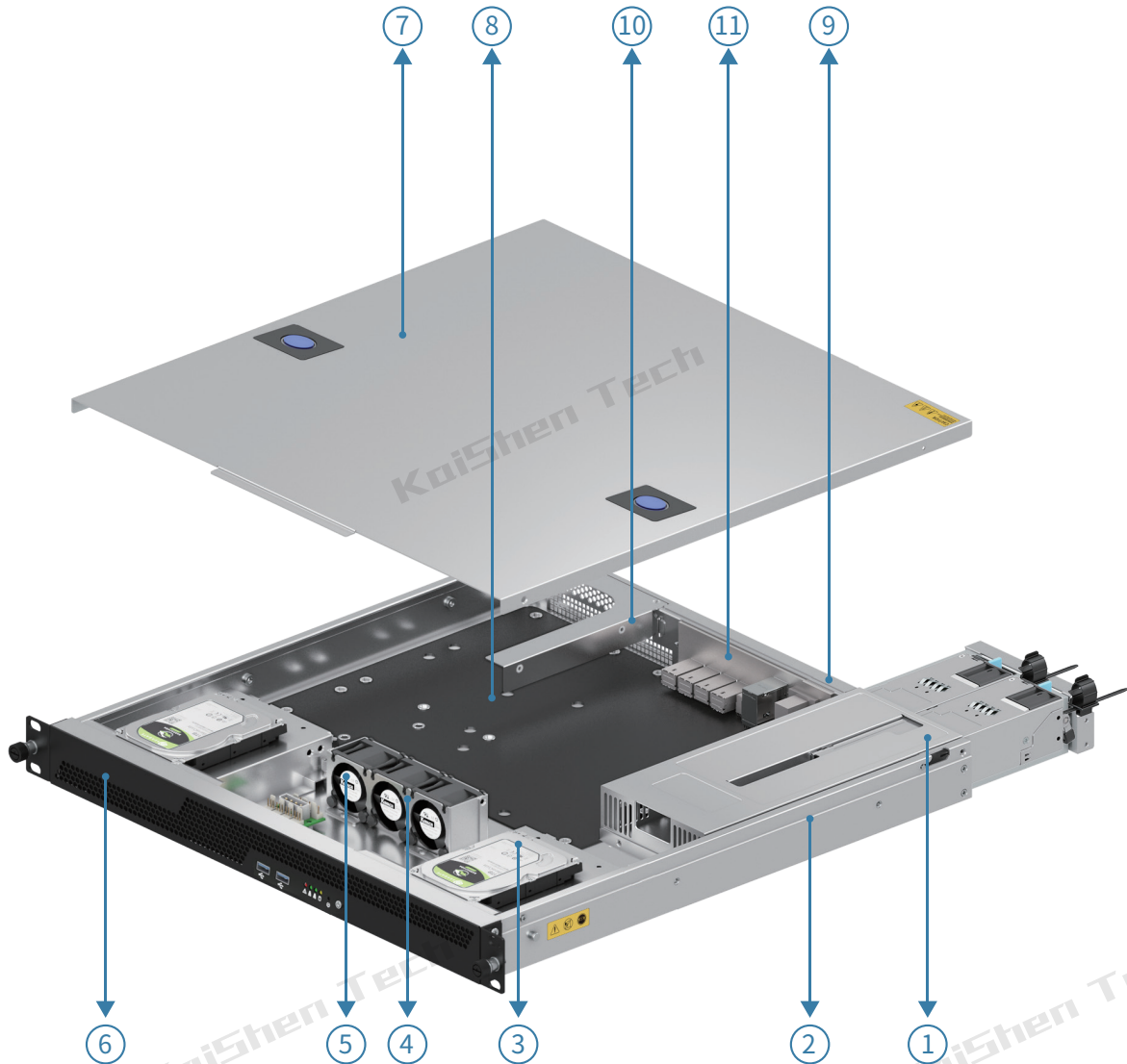# CONTENTS

Chapter 1: Product Introduction

1.1 Product Features

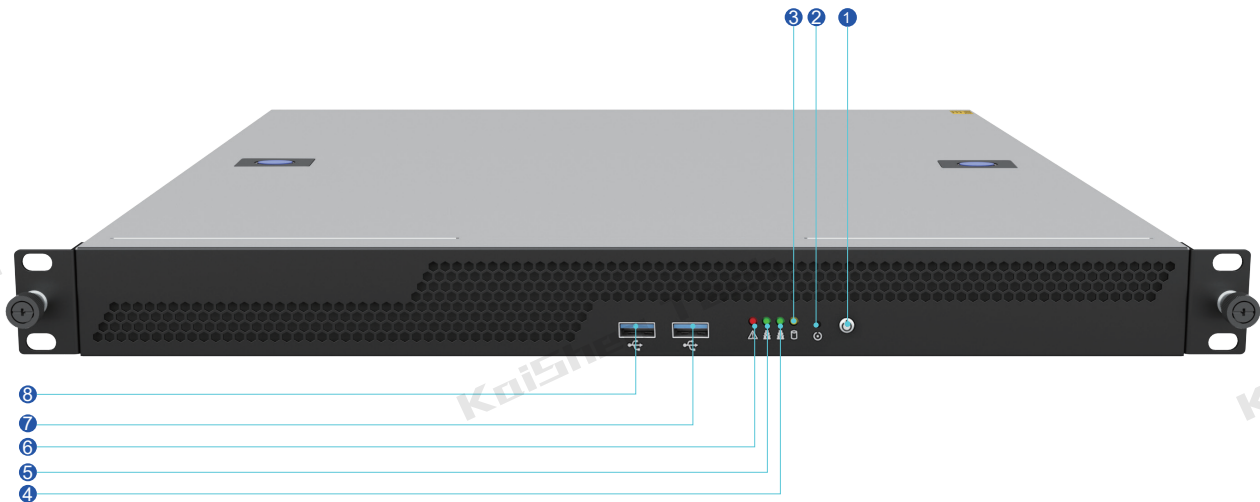| Product Code	K11001	K11002
Material	1.2mm SGCC(Taiwan)	
Chassis Category	1U Rack mount	
MB Form Factor	ATX (12" x 9.6")	
Dimensions (D*W*H)	450x435x44.3 (mm)	
Drive Bays	Internal 3.5": 2 ; Internal 2.5": 2	Internal 3.5": 1 ; Internal 2.5": 1
PSU Form Factor	1U Single or 1+1 Redundant	
Indicators	1 x Power Status, 1 x HDD Activity , 2 x LAN Activity,	
Front Control	Power On/Off, System Reset, 2 x USB 2.0	
Cooling Fans	Middle: 3 x 4028	
Expansion Slots	1 x Full Height PCIe 1 x16 OR 8X	
Riser Card Moudle	pcie 3.0 x16; OR 8X (Option)	
Rack rails	P/N:0304100005(Option)	
CD-ROM drive	no	1 * CD-ROM drive(Option)
Net Weight	5.2kg	
Gross Weight	7.3kg	
Package size(D*W*H)	620x600x270mm	

1.2 Chassis Structure

1. Power Supply
2. Chassis Base
3. Hard drive rack
4. fan rack
5. Cooling fans
6. Front Cover

7. upper cover
8. Gasket
9. rear window assembly
10. PCIE bracket
    (including riaser card) optional
11. I/O blank (customized optional)

1.3 Description of Front Panel and Hard Drive Bay

1.3.1 Front Panel and Indicator Lights：

1. Power Button	2. Reset Button	3. HDD Indicator Light
4. Ethernet Port Indicator Light	5. Ethernet Port Indicator Light	6. Warning Indicator Light
7. USB Connector	8. USB Connector	

Control Panel Buttons and Interface Description：

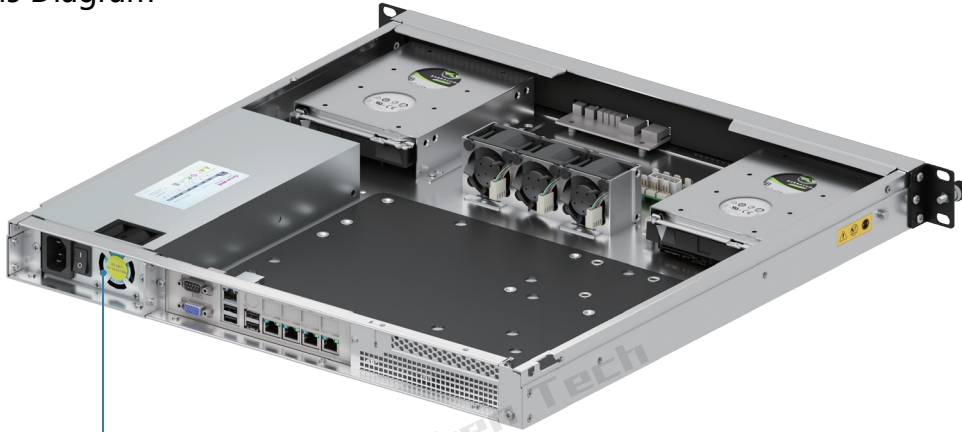|	
Power Button	Power button, press once to power on when the system is powered； In the powered-on state, press and hold for 5 seconds to shut down the system.
Reset Button	In the powered-on state, press once to restart the device.
UID Button	In the powered-on state, press once to illuminate the indicator light.

Control Panel Indicator Light Explanation：

Name	Color	Status	Description
Power Light	Blue	On	The server is in the powered-on state.
UID Light	Blue	On	The server is in the located state.
Fault Indicator Light	Red	On	The server is experiencing a malfunction.
Network 1 Indicator Light	Green	On	The network connection is normal.
Network 2 Indicator Light	Green	On	The network connection is normal.
HDD Indicator Light	Yellow	On	The hard drive is in operational status.

Chapter 2: Product Appearance

2.1 Chassis Structure

2.1.1 Chassis Diagram

⑫

CAUTION
请注意此处高温高压危险！
Please note high temperature and
high voltage danger here!
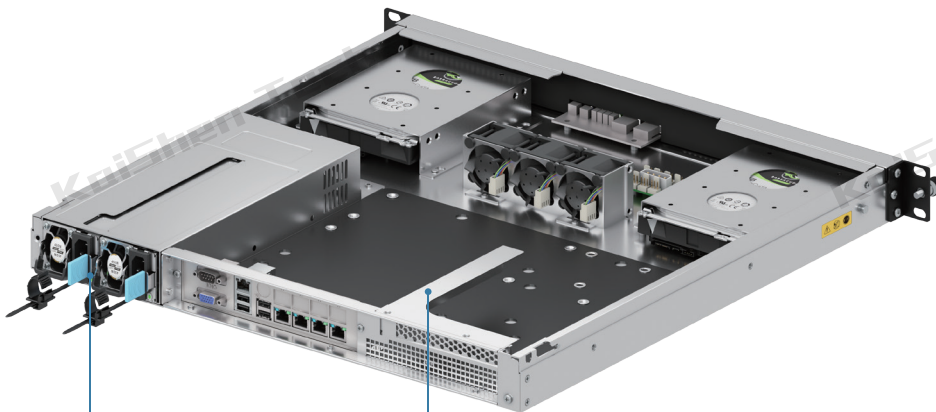
Notice: Caution, High Voltage Hazard

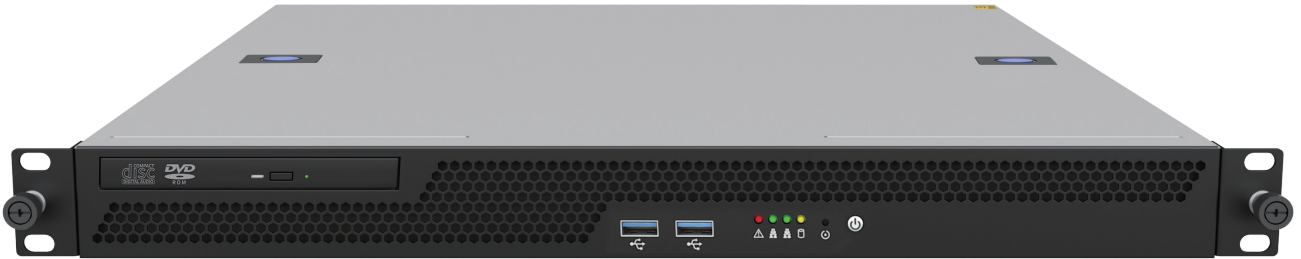Notice: Do not place liquids, handle with care

⑫ 1u Single 400w

⑩ PCIE支架(含riaser卡)optional
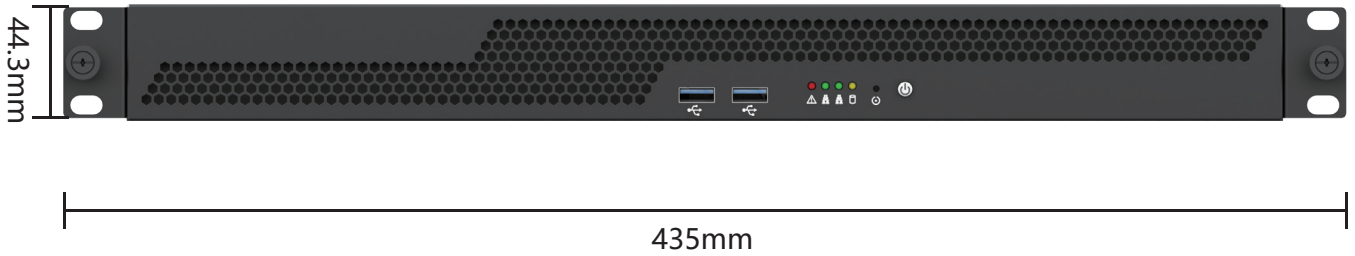⑬ 1+1冗电450w

⑬   ⑩
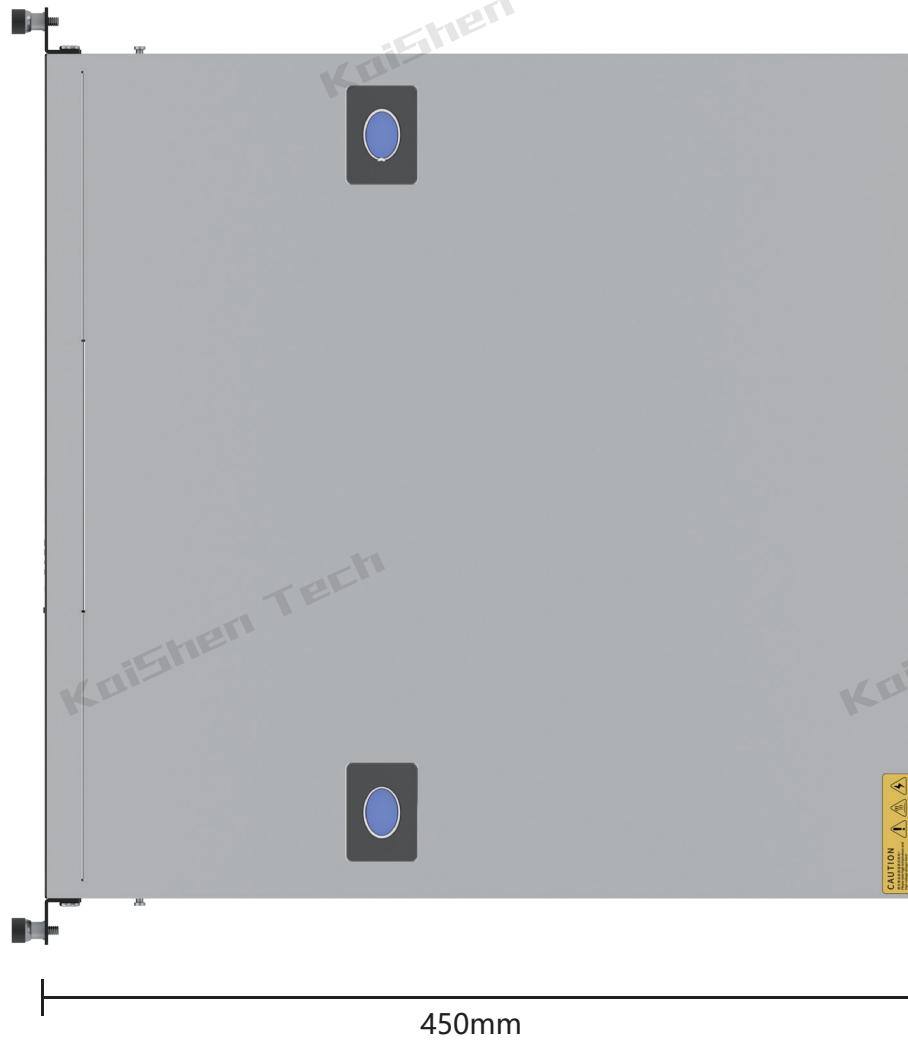
2.1.2 Server Chassis Images

Front View

45° Side View

45° Rear View

2.1.3 Server Dimensions

44.3mm

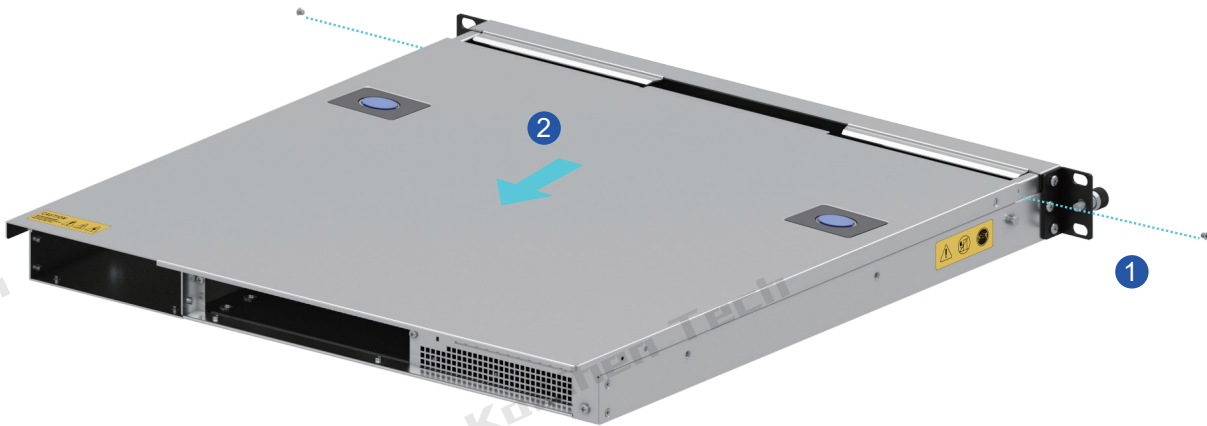435mm

Front View (Dimensions)
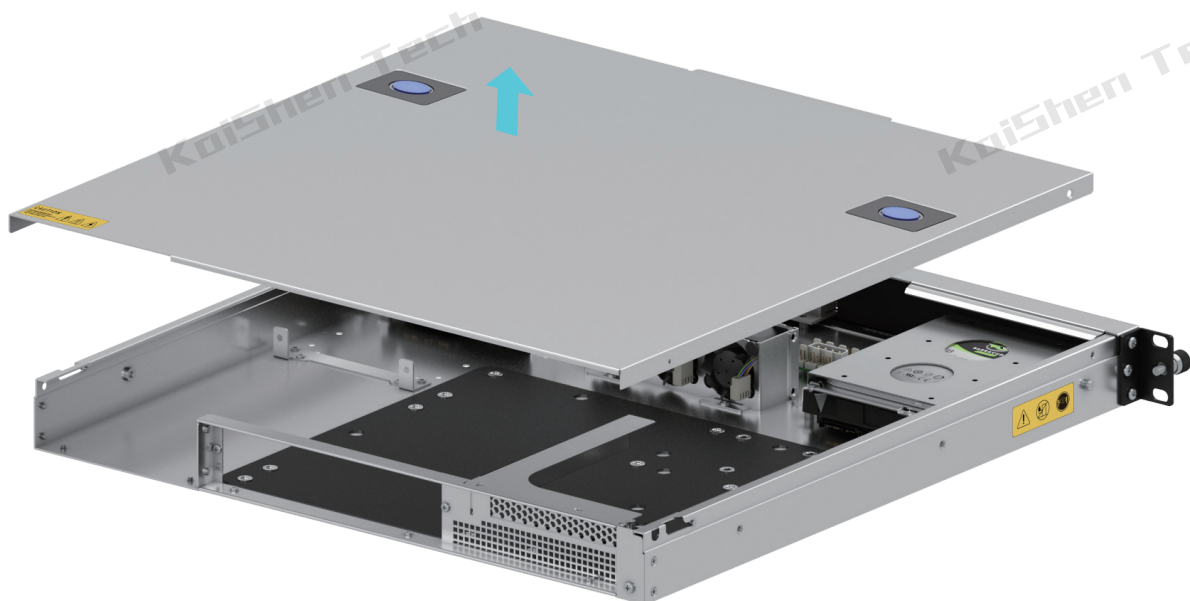
450mm

Top View (Dimensions)

Chapter 3 Product Loading and Unloading

3.1 Removal of the rear upper cover

3.1.1 Disassembly steps：

1. Loosen the screws at both ends of the upper cover as shown in the diagram, using your hands;
2. Slide the top cover towards the back in the direction of the arrow;
3. Lift off the top cover in the direction indicated by the arrow.

3.2 Installation of the Power Supply

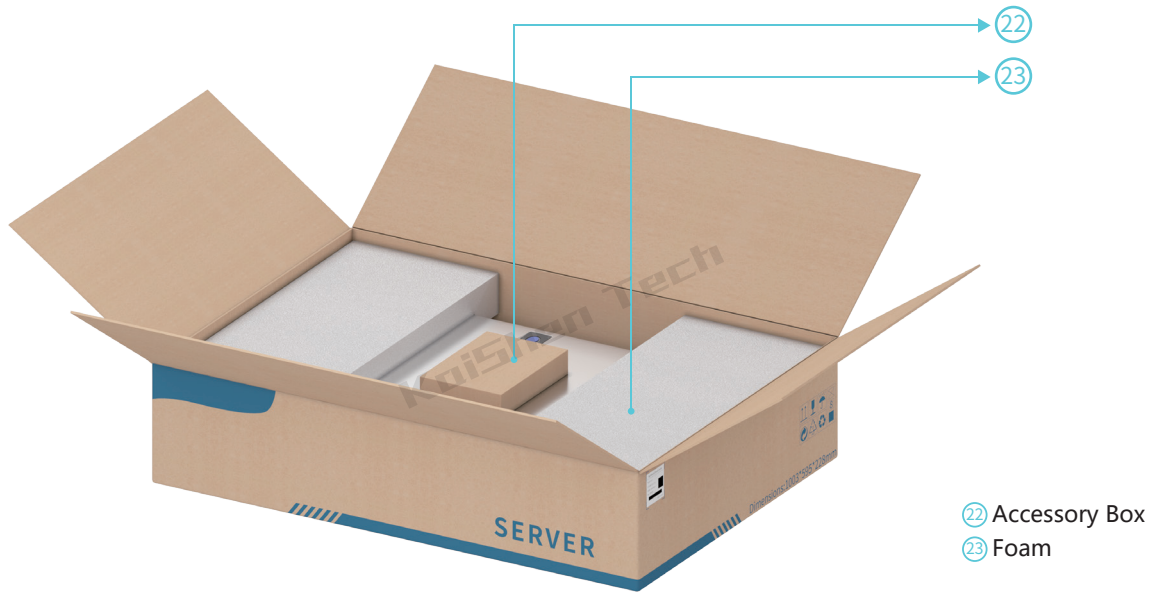### 3.2.1 Installation Steps :

Install the power supply in the direction of the arrow

View of Installed Power Supply Unit

Chapter 4 Product Loading

4.1 Product Packaging

22 Accessory Box
23 Foam

Place it into the suitcase

Seal the suitcase

Chapter 5   Product and Rail Installation

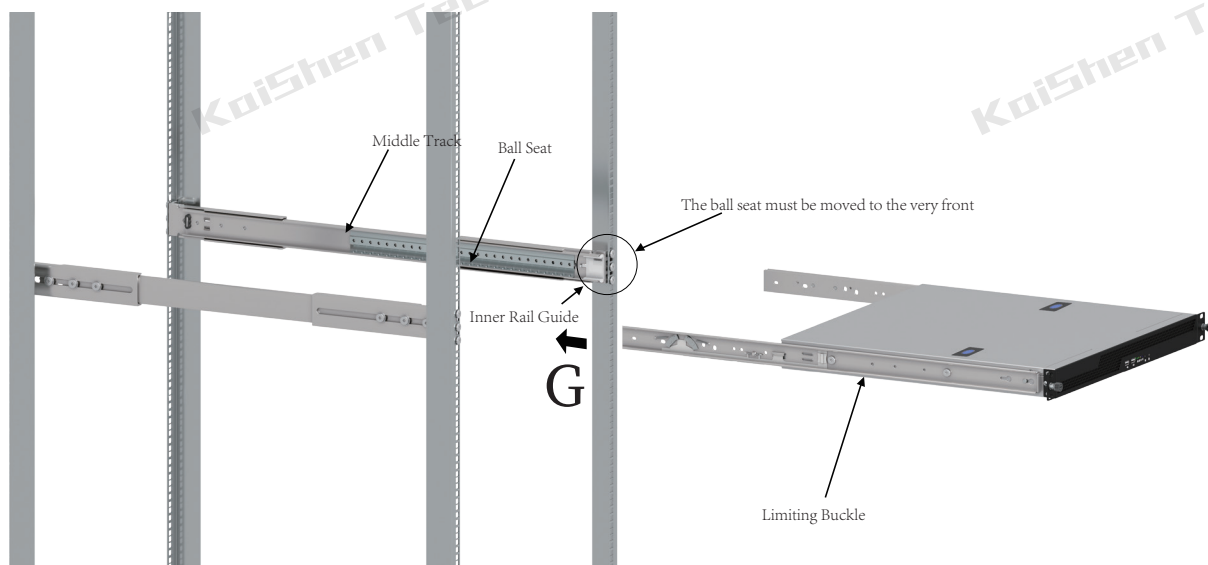## 5.1 Install inner rails on both sides of the chassis

5.1.1 Use screws according to the direction to fix the inner guide rail on the side wall of the chassis.

5.2 The chassis is mounted into the rack
(Note: Depending on the weight of the chassis, this step requires the cooperation of 2 to 4 people.)

5.2.1 First, move the ball seat to the front end of the middle track. Then, along the G direction, horizontally insert the inner rail of the chassis into the ball seat.

5.2.2 When installing the rails, ensure that both sides of the server are kept level, and insert the inner rails simultaneously in a horizontal direction.

5.2.3 Ensure that the inner rails have entered the guides and ball seats before proceeding to push them into the chassis.

5.2.4 Only release the chassis after confirming that the inner rails have entered at least half of the ball seats.

5.2.5 There is a limiting buckle on the inner rail. When pushing it into the second section, you need to flip this buckle to enter the third section for complete closure

5.2.5 If you find that the inner rails have not entered the ball seats, please repeat the above steps. If necessary, you can use your hand to assist the inner rails into the ball seats.

5.2.6 Unlock both levers on the sides, then push the chassis to fully close it. Perform at least one complete open and close cycle of the chassis to ensure the slides are correctly installed.
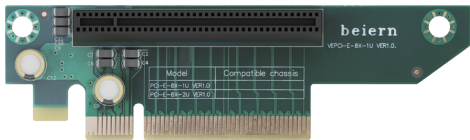

Note: Please make sure to insert horizontally in this direction. Otherwise, it may damage the ball seats and cause the slides to not function properly.

Chapter 6 Accessory Name and Part Number

6.1 Accessories and Material Numbers(Parts Box P/N:0201070009)

No.	Part No.	Name	Photograph	Quantity
01	P/N: 0305010001	2.5-inch hard drive screws (Compatible with 3.5-inch hard drive bay)		8
02	P/N:0305010031	3.5inch hard drive screws		16
03	P/N:0305010124	2.5-inch Hard drive retaining screws		8
04	P/N:0305070001	Motherboard heightening column		12
05	P/N:0305010203	Motherboard screws		12
06	P/N:0202110015	2.5Hard drive holder (2U8)		4
07	P/N:0305010125	Fixed single power/ATX		2
08	P/N:0305010025	Fixed redundancy		6
09	P/N:04.02.0009	hard drive sticker (00-11)	HDD 00 SAS/SATA	1

6.2 Accessories box list

No.	Part No.	Name	Photograph
01	P/N:0302050001	1u/Riser Card (PCIE8X TO PCIE8X)	
02	P/N:0302050002	1u/Riser Card (PCIE16X TO PCIE16X)	
03	P/N:03.04.01.0002	1u(1+1) Redundant 450w	
04	P/N:0304100005	Slide Rail	
05		I/O Bezel	Please provide motherboard information for customization
06	P/N:03.04.01.0001	1u Single 400w	