

4 Unpacking a Device

[4.1 Unpacking a Carton](#)

[4.2 Unpacking a Card](#)

4.1 Unpacking a Carton

Context

Cartons are used to pack CloudEngine 16800, power cables, cards, power modules, and other modules. When a device is delivered, unpack the carton and check the device and accessories in the carton.

NOTICE

- Do not turn a carton upside down; otherwise, the device in the carton will be damaged.
- Wear protective gloves or take other protection measures to prevent hand injuries when unpacking a carton.
- Move the carton into or near the equipment room before unpacking (if space is sufficient). Moving an unpacked device over a long distance may damage the device.

NOTE

If the device is found eroded or damped, stop unpacking, check for the reason, and contact the equipment supplier.

Tools

- Flat-head screwdriver
- Phillips screwdriver
- Diagonal pliers

- Adjustable wrench
- Protective gloves

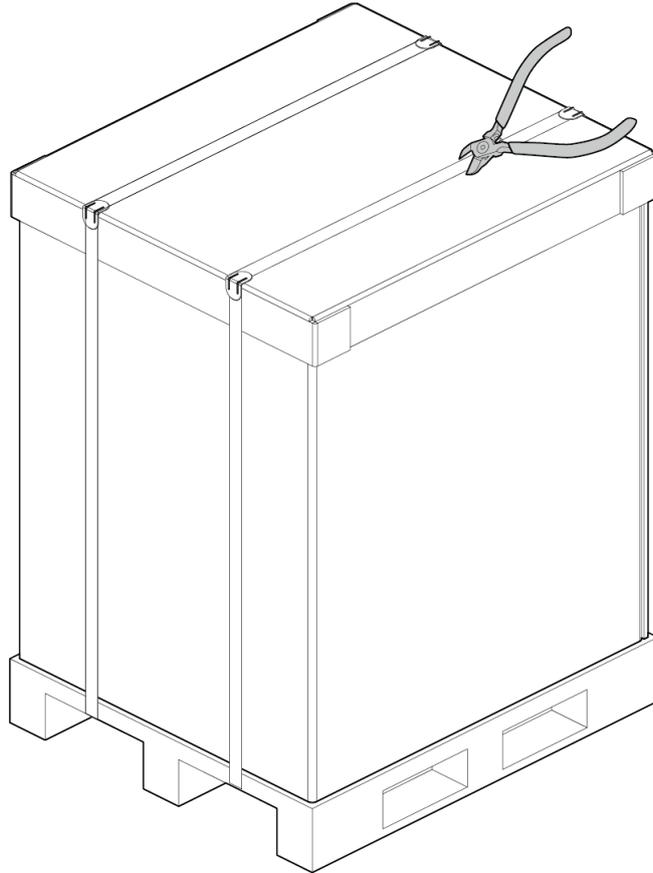
Procedure

- Step 1** Inspect the carton. If the tilt indicator label on the carton is red (see [Figure 4-1](#)), the carton is damp, or the seals on the carton are damaged, check for the reason and contact the equipment supplier immediately. If no exception is found, start the unpacking.

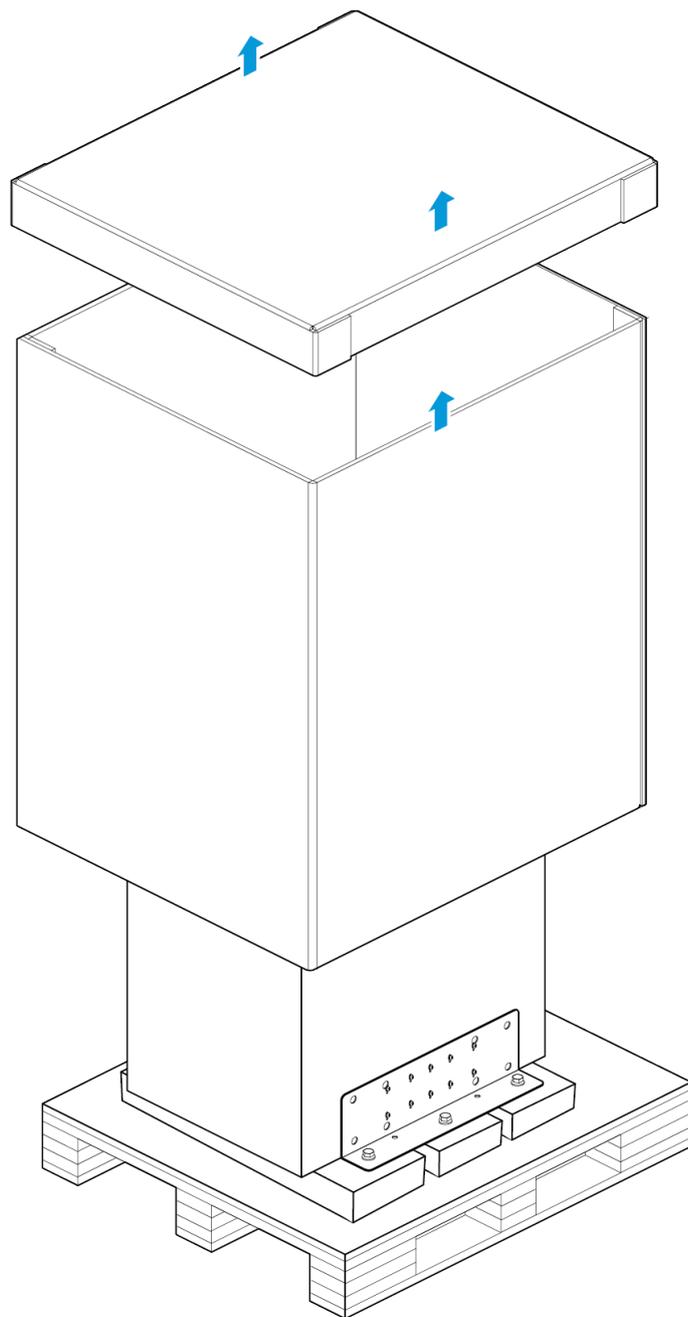
Figure 4-1 Tilt indicator label



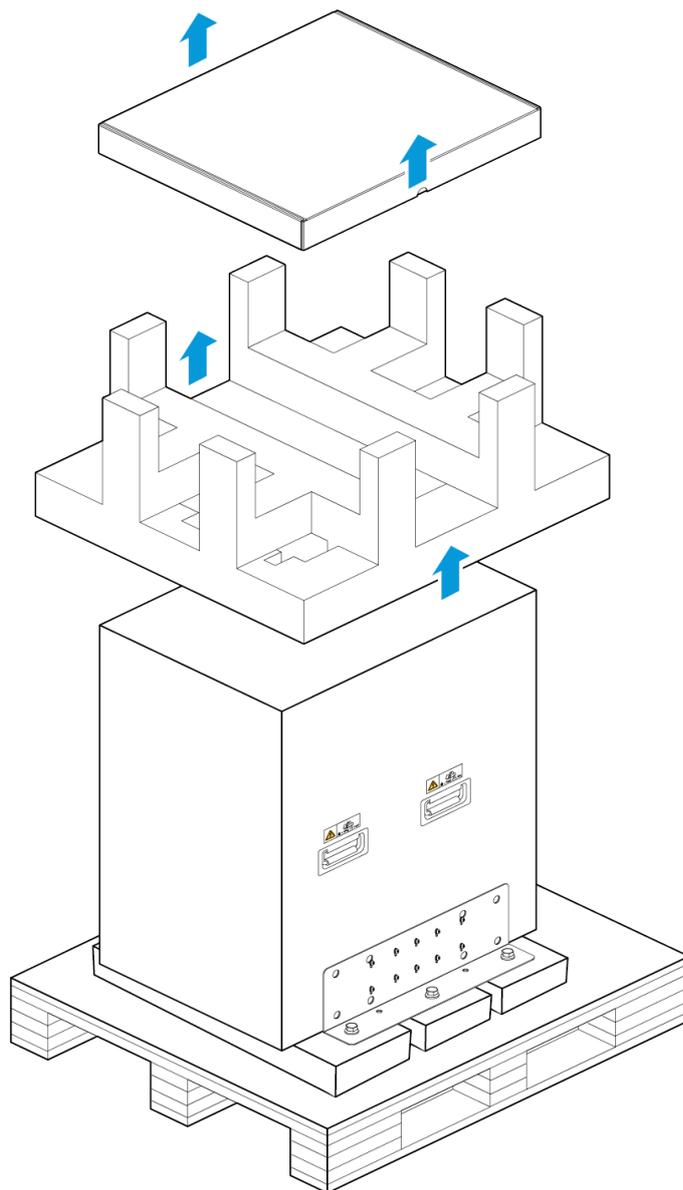
- Step 2** Use a pair of diagonal pliers to cut the strapping band on the carton.



Step 3 Remove the top cover of the carton and then the side panels.



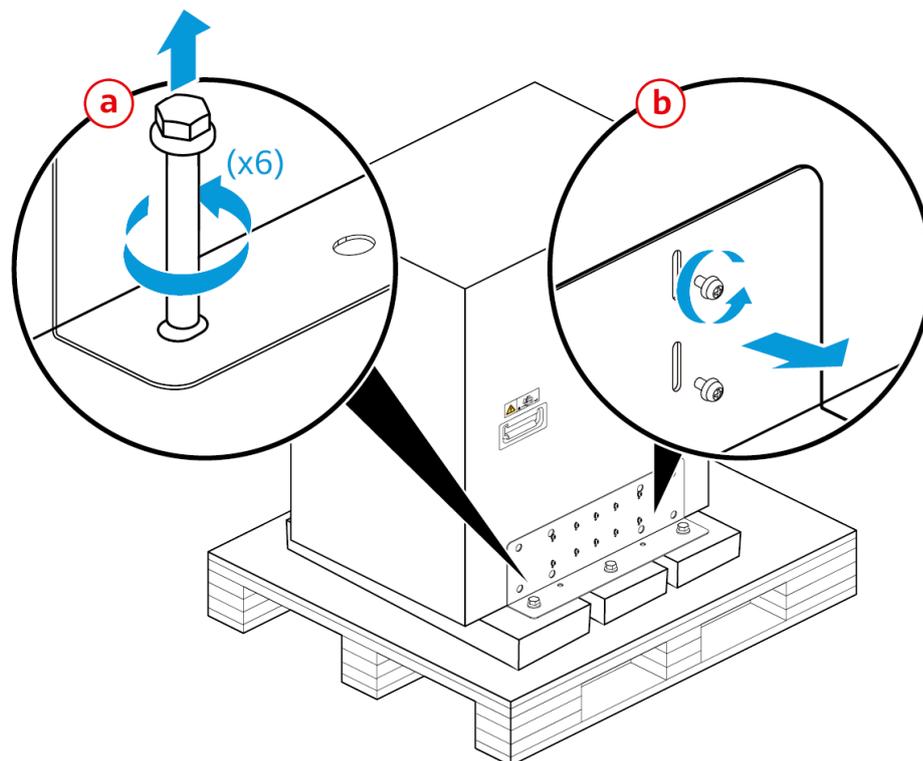
Step 4 Remove the box of accessories and packaging.



Step 5 Remove the fixtures at both sides of the device. Use an adjustable wrench to remove the bolts jointing the fixtures and the base (a), and then use a Phillips screwdriver to remove the bolts jointing the fixtures and sides of the device (b). After removing all the bolts, remove the fixtures.

NOTE

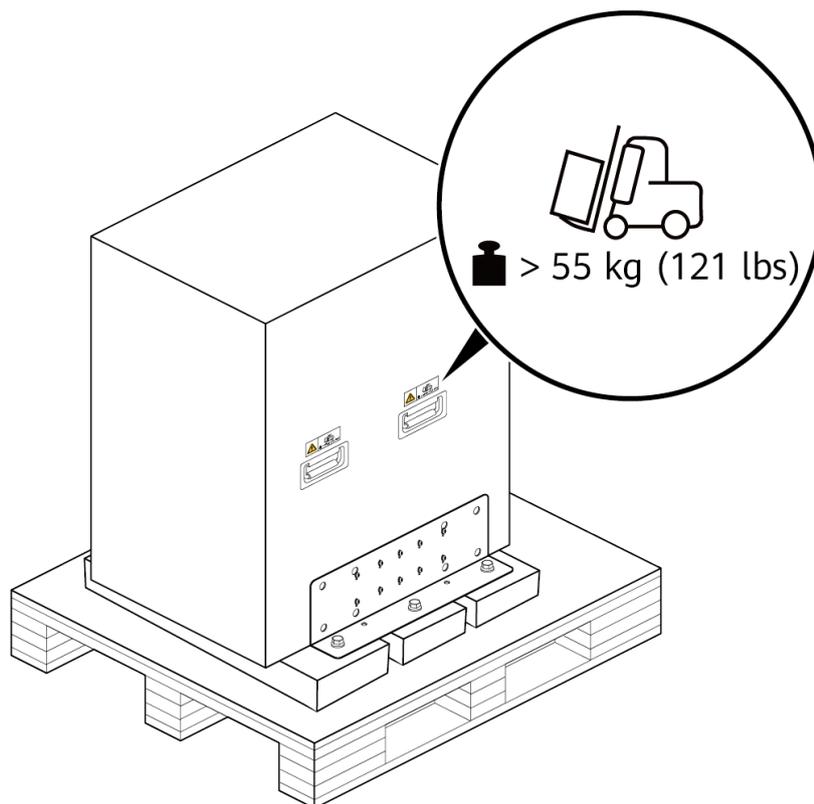
For the CloudEngine 16816, you only need to use an adjustable wrench to remove the bolts jointing the fixtures and the base (a).



Step 6 For the CloudEngine 16804 and CloudEngine 16808, use a pallet truck, lifter, or flat cart to move the device near the cabinet or rack where it will be installed.

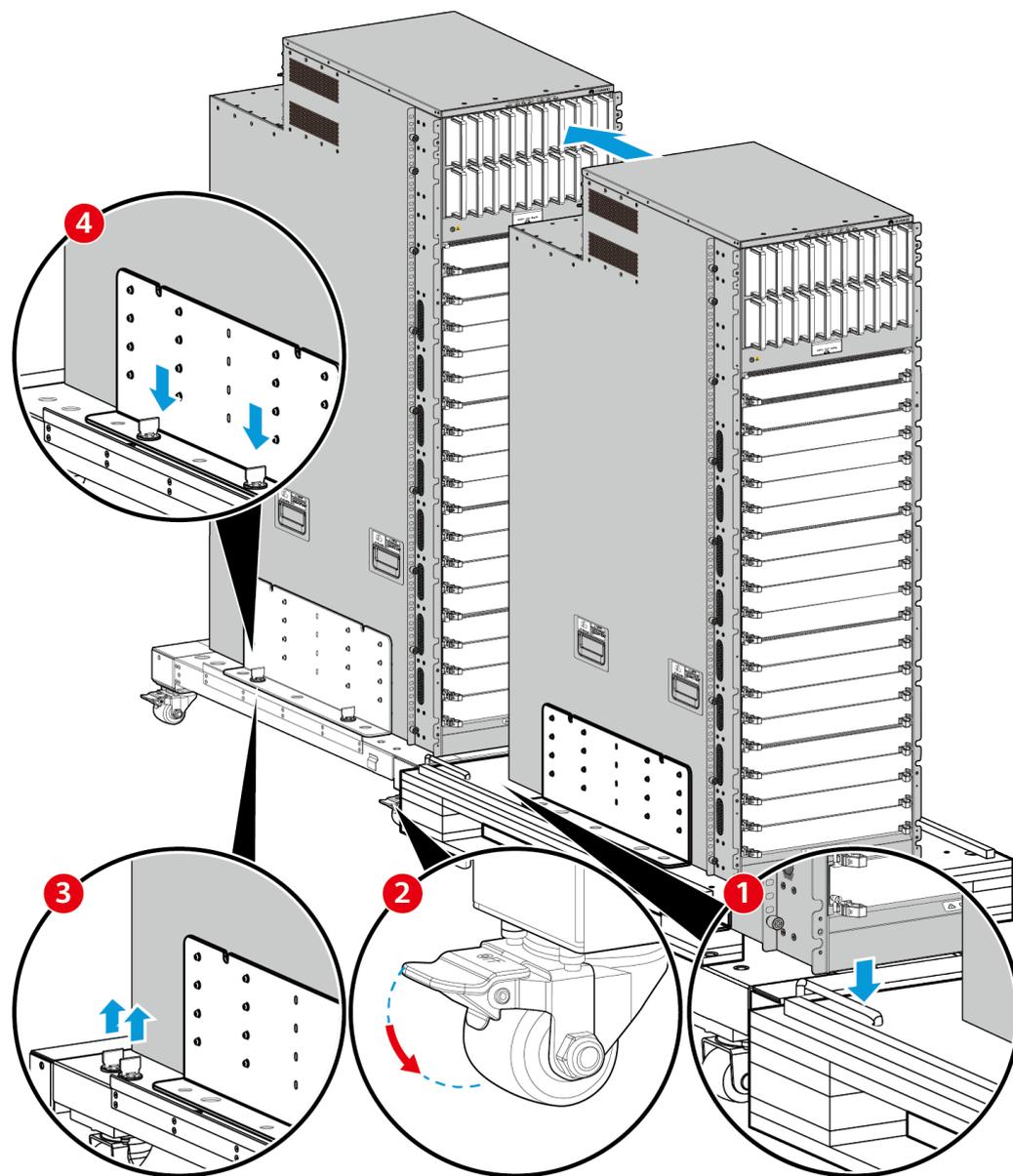
The CloudEngine 16804 and CloudEngine 16808 have an optional flat cart (whose part number is 21244111 from Huawei). If you have purchased a flat cart, perform the following steps to move the device onto the flat cart.

1. Move the flat cart near the device, and step on the brakes of all the casters of the flat cart to prevent the flat cart from moving.
2. At least four persons are required to move the device onto the flat cart. Move the device by only the load bearing handles at both sides of the device. Do not lift or drag the device by the handles of any modules on the device; otherwise, the device and modules will be damaged.



Step 7 For the CloudEngine 16816, move the device onto the flat cart.

1. Move the flat cart to the rear of the device, and hang the hooks on both sides of the flat cart to the pallet. See callout 1 in the figure.
2. Step on the brakes of all the casters of the flat cart to prevent the flat cart from moving. See callout 2 in the figure.
3. One person pulls the metal handles at the rear of the device to pull the device and adjust the device direction, and at least two persons push the device horizontally in the front of the device, until the device cannot move forward.
4. Loosen the bolts on the flat cart. See callout 3 in the figure. Secure the bolts to fix the device. See callout 4 in the figure.



----End

4.2 Unpacking a Card

Context

A card is packed in an ESD bag, which is placed in a carton with foam packaging. You are advised to open the ESD bag only when the card needs to be installed in a chassis.

NOTICE

- Electronic components are vulnerable to electrostatic discharge (ESD). Before touching a card, wear ESD gloves or an ESD wrist strap (with the other end inserted into an ESD jack). Do not touch electronic components on the card.
- If a card is moved from a cold, dry place to a warm, humid place, wait more than 30 minutes before unpacking the card. Otherwise, the humidity will damage the card.

Tools

- ESD gloves or ESD wrist strap
- Utility knife

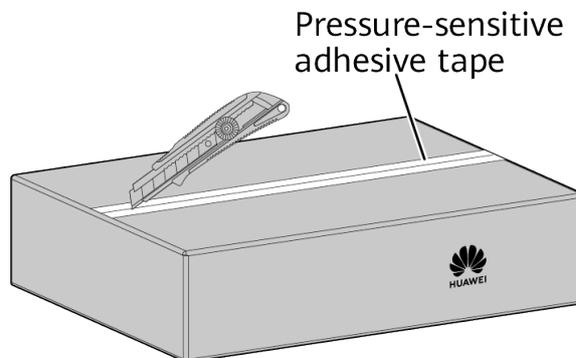
Procedure

Step 1 Inspect the carton. If the carton or the seals on the carton are damaged, contact the equipment supplier immediately. If the carton is intact, go to the next step.

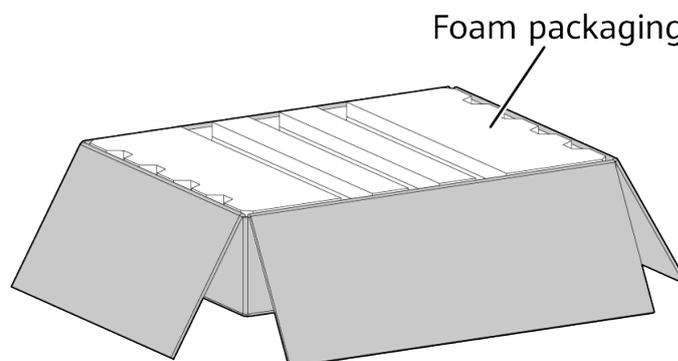
Step 2 Wear ESD gloves or an ESD wrist strap. When wearing an ESD wrist strap, ensure that the ESD wrist strap is in close contact with your wrist, and insert the other end into the ESD jack of the cabinet or rack.

Step 3 Unpack the carton.

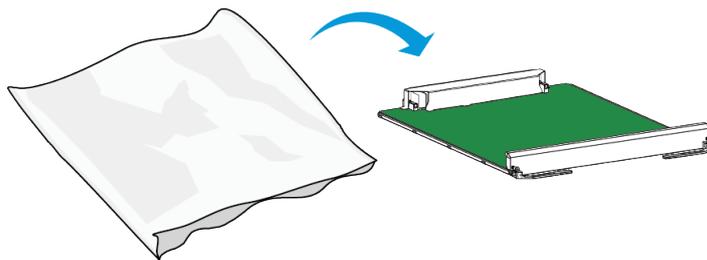
1. Cut the pressure-sensitive adhesive tape on the carton with a utility knife.



2. Open the carton, remove the foam packaging, and take out the ESD bag.



3. Open the ESD bag and take out the card.



Step 4 Inspect the card. If any damage is found on the card, analyze the cause and contact the equipment supplier immediately.

----End