

Prepare to Install Cisco NCS 1010

This chapter explains how to prepare for the Cisco NCS 1010 installation.

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Package Contents

You can order Cisco NCS 1010 as an assembled chassis (NCS1010-SYS) or as an empty chassis (NCS1010-SA) along with the components. See PIDs for all PIDs of the NCS 1010 components.

The shipped package contains the following:

- Cisco NCS 1010 chassis.
- Accessory kit (NCS1010-ACC-KIT)—Includes all the hardware necessary for the chassis installation on the 19" rack. You can order the accessory kits for ETSI (NCS1010-ETSI-KIT) and 23" ANSI (NCS1010-23-KIT) racks as required. From R7.10.1, you can order the accessory kit (NCS1010-E-ACC-KIT) for the ehanced faceplate design line cards for the chassis installation on the 19" rack. The following table describes the contents of the accessory kits.

Table 1: Accessory Kit Contents

Accessory Kit	Contents
NCS1010-ACC-KIT	This kit has the following items for chassis installation on a 19" rack: • Double hole ground lug (1x) • M5 Pan head screws (2x) • 12–24 Pan head screws (8x) • External tooth washers (2x) • Standoffs (2x) • Left slide rail (1x) • Right slide rail (1x) • Protection cover (1x)

Accessory Kit	Contents
NCS1010-E-ACC-KIT	This kit has the following items for chassis installation on a 19" rack: • Double hole ground lug (1x) • M5 Pan head screws (2x) • 12–24 Pan head screws (8x) • External tooth washers (2x) • Left slide rail (1x) • Right slide rail (1x)
NCS1010-23-KIT	This kit has the following items for chassis installation on an ANSI 23" rack: • 23" rack to 19" rack adapter • 12–24 Screws (14x)
NCS1010-ETSI-KIT	This kit has the following items for chassis installation on an ETSI rack: • ETSI rack to 19" rack adapter • M6 screws (8x) • Ground adapter

The following table shows the 19" accessory kits applicable for each line cards.

Accessory Kit	Line card
NCS1010-ACC-KIT	• NCS1K-OLT-C • NCS1K-OLT-R-C • NCS1K-ILA-C • NCS1K-ILA-R-C • NCS1K-ILA-2R-C • NCS1K-OLT-L= • NCS1K-ILA-L= • NCS1K-E-ILA-R-C= • NCS1K-E-ILA-2R-C= • NCS1K-E-ILA-R-C-2=

Accessory Kit	Line card
NCS1010-E-ACC-KIT	• NCS1K-E-OLT-R-C= • NCS1K-E-OLT-C= • NCS1K-E-OLT-L=

- Field replaceable modules such as PSUs, controller, fan trays, air filter, and line card (the variant of line card that you have ordered).
- AC and DC power cables that you have ordered. See Supported Cables.

Unpack and Verify Cisco NCS 1010

Use this task to unpack and check if all the chassis modules that are required for installation have been shipped.

Procedure

Step 1 When you receive Cisco NCS 1010 equipment at the installation site, open the top of the box.

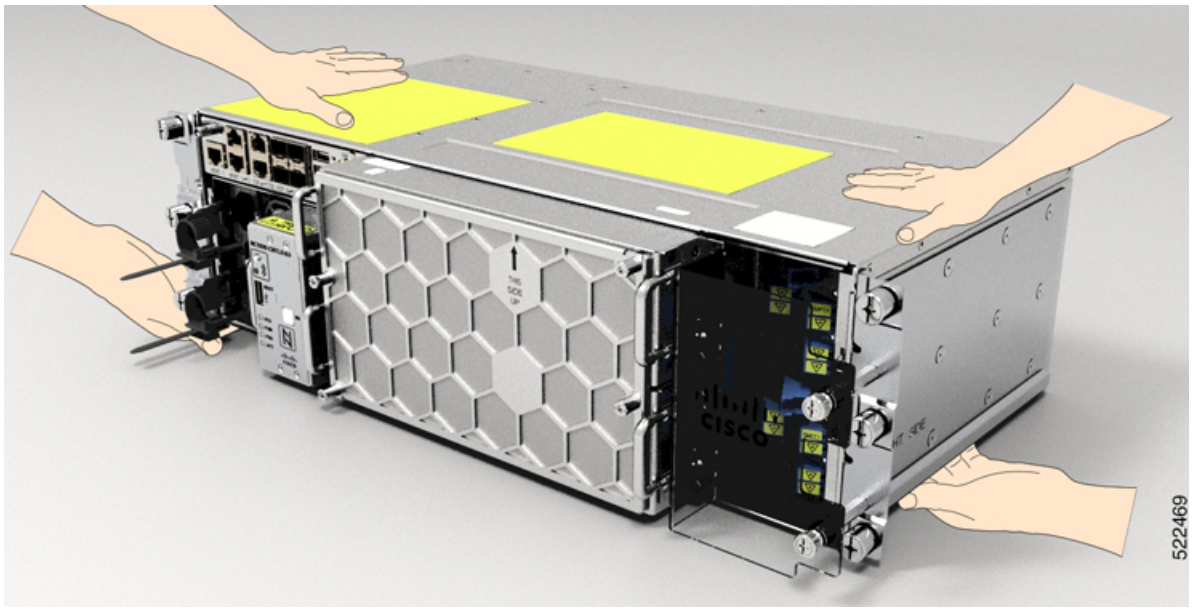
Step 2 Remove the accessory kits and foam inserts in the box. The box contains Cisco NCS 1010 and other items that are needed for installation.

Step 3 To remove the chassis from the packaging, grasp the side of the chassis and lift it out of the box.

Use these lifting guidelines to avoid injury to yourself or damage to the equipment:

- Do not lift equipment alone; have another person help you to lift the equipment.

Figure 1: Lifting Cisco NCS 1010



A fully loaded chassis can weigh as much as 19 kg (42 lb).

- Ensure that your footing is solid; balance the weight of the object between your feet.
- Lift the equipment slowly; never move suddenly or twist your body as you lift.
- Keep your back straight and lift with your legs, not your back. When bending down to lift equipment, bend at the knees (not at the waist), to reduce the strain on your lower back muscles.

Step 4 Verify the following:

- Cisco NCS 1010 is not damaged. Check for a scratch, bend, discoloration, or deformation on the Cisco NCS 1010 chassis.
- The modules that are shipped with the chassis or separately are not damaged.

Step 5 If there is any damage to the chassis or the modules, call your Cisco sales engineer for a replacement.