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## Install a CSX8000 Series Appliance

This article provides instructions about how to unpack a Cloud Services Switch (CSX) 8000 series appliance and how to install it.

CSX8000 series appliances have integrated faceplate rack-mount ears for installation into standard 19-inch racks. When you install a CSX8000 series appliance in a 19-inch rack, allow a minimum of 1 RU space on each side of the appliance to allow hot air to flow out of the appliance.

When placing a CSX8000 series appliance on a desk, ensure that the vents on the side of the unit are never blocked, to allow hot air to flow out of the appliance. Covering the vents prevents heat from dissipating out of the appliance, which can cause the chassis to overheat and then shut down.

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## Unpack a CSX8000 Series Appliance

The CSX8000 series appliance is packed in a plastic bag, and it is shipped in a cardboard carton, secured with foam packing material. The carton also contains an accessory box. It is recommended that you unpack the appliance only when you are ready to install it.

To unpack a CSX8000 series appliance:

1. Open the top flaps of the cardboard carton.
2. Remove from the box the foam packing material holding the appliance and the accessories in place.
3. Remove the accessory box and the appliance from the foam packing material.
4. Remove the accessories from the accessories box.
5. Verify the components against the packing list that is included in the box.

Note: It is recommended that you save the shipping carton and packing material when unpacking the appliance, in case you need to later move the appliance or return it. See [How To Return Hardware](#).

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## Packing List for a CSX8000 Series Appliance

The cardboard carton in which a CSX8000 series appliance is shipped contains a packing list. Check the packing list against the parts that you receive in the shipping carton.

Table 1 lists the parts that are shipped with a CSX8300 or CSX8500 appliance.

**Table 1: Parts Shipped with a CSX8300 or CSX8500 Appliance**

Components	Quantity
CSX8300 or CSX8500 appliance chassis	1
Power cable (U.S. only)	1
Console cable USB to RJ-45	1
Rear-post brackets	2
Rear-post bracket ears	2
Screws for ear locking	2
Screws for rack mounting	4 (size M6)
Screws	20 (size M4)

Warning: This equipment is not suitable for use in locations where children are present.

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## Mount a CSX8300 or CSX8500 Appliance in a Rack

You can mount a CSX8300 or CSX8500 appliance in a four-post 19-inch rack.

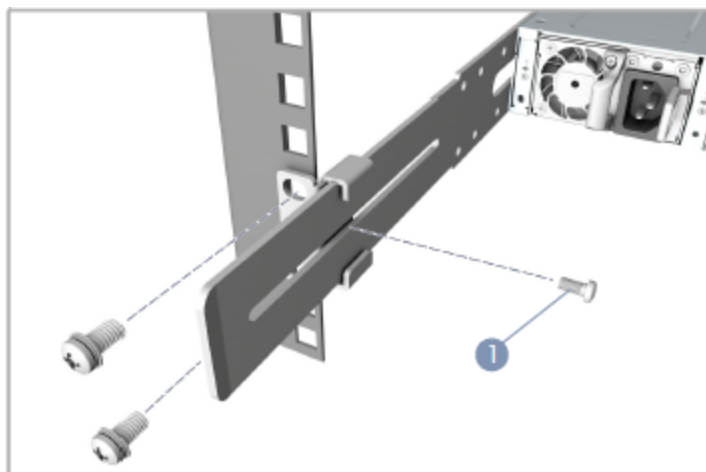
To mount the appliance, ensure that you have the following tools:

- Number 2 Phillips (+) screwdriver
- Tape measure

To mount a CSX8300 or CSX8500 appliance in a four-post 19-inch rack:

1. Place the appliance chassis on a flat, stable surface.
2. Check the internal dimensions of the rack with a tape measure. The appliance is 43.8 mm wide (about 1.724 inches) and must fit within the mounting posts.
3. Attach the two rear post brackets to the appliance chassis using a minimum of six M4 screws that are shipped with the appliance. Use the rack screws to secure the switch in the rack.

**Figure 1: Attach the Mounting Ears to a CSX8000 Series Appliance**



5. Lock the position of the rear post bracket ears using the included position-locking screws. You can adjust the rear post bracket ears to fit different rack depths, from 56 cm to 75 cm.