

Removing a Line Card from an EX 8200 series Switch

EX 8200 series switches have field-replaceable unit (FRU) line cards that can be installed in the line card slots on the front of the switch chassis. The line cards are hot-insertable and hot-removable: You can remove and replace them without powering off the switch or disrupting switch functions.

Before you begin removing a line card from an EX 8200 series switch:

- Ensure that you have taken the necessary precautions to prevent ESD damage (see Prevention of Electrostatic Discharge Damage on EX-series Switches).
- If there are any transceivers installed in the line card, remove them before you remove the line card. See Removing a Transceiver from an EX-series Switch.
- Ensure that you know how to handle and store the line card (see Handling and Storing Line Cards in EX 8200 series Switches).

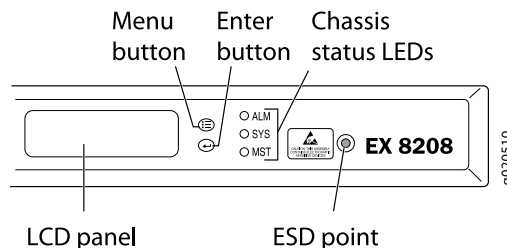
Ensure that you have the following parts and tools available to remove a line card from an EX 8200 series switch chassis:

- Electrostatic discharge (ESD) grounding strap
- Phillips (+) screwdriver, number 2
- An antistatic bag or an antistatic mat
- Replacement line card or a cover panel and its captive screws to cover the empty slot

To remove a line card from an EX 8200 series switch (see Figure 2):

1. Place the antistatic bag or antistatic mat on a flat, stable surface.
2. Attach the electrostatic discharge (ESD) grounding strap to your bare wrist, and connect the strap to the ESD point on the switch chassis (see Figure 1). The ESD point is at the same location on EX 8208 and EX 8216 switches.

Figure 1: Location of the ESD Point on an EX 8200 series Switch Chassis



3. Label the cables connected to each port on the line card so you can reconnect the cables to the correct ports.



NOTE: We recommend that you take the line cards offline before removing them from the switch chassis, or you will lose all configurations on the line cards.

4. Take the line card offline by issuing the following CLI command:

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user@switch> request chassis fpc slot slot-number offline
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5. Remove the captive screws on the faceplate of the line card by using the Phillips (+) screwdriver, number 2.
 6. Grasp the ejector levers on the faceplate of the line card and pull them outward simultaneously until the line card is unseated. See Handling and Storing Line Cards in EX 8200 series Switches.
 7. Grasp the ejector levers and gently slide the line card halfway out of the chassis.
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CAUTION: Do not lift the line card by holding the ejector levers on the faceplate or the edge connectors. The levers cannot support the weight of the line card. Lifting the line cards by the levers might bend them. Bent levers prevent the line cards from being properly seated in the chassis.



CAUTION: Do not stack line cards on top of one another or on top of any other component. Place each line card separately in the antistatic bag or on the antistatic mat placed on a flat, stable surface.



CAUTION: The line cards in EX 8200 series switches weigh more than 10 lb (4.5 kg). Be prepared to accept the full weight as you slide the line card out of the chassis.

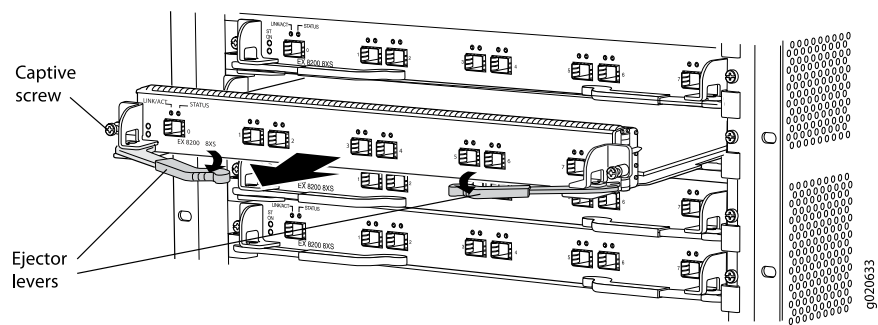
8. Place one hand around the faceplate of the line card and the other hand under the line card to support it. Taking care not to touch line card components, pins, leads, or solder connections, gently slide the line card completely out of the chassis and place it in an antistatic bag or on its own antistatic mat placed on a flat, stable surface.
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CAUTION: After removing a line card, wait for at least 30 seconds before installing a line card or removing another line card.

9. If you are not installing a line card in the emptied line card slot within a short time, install a blank cover panel over the slot and secure it with captive screws by using the Phillips (+) screwdriver, number 2. Do this to protect the interior of the chassis from dust or other foreign substances and to ensure that the airflow inside the chassis is not disrupted.

Figure 2: Removing a Line Card from an EX 8200 series Switch Chassis



- Related Topics**
- Installing a Line Card in an EX 8200 series Switch
 - 48-port RJ-45 Line Card in an EX 8200 series Switch
 - 48-port SFP Line Card in an EX 8200 series Switch
 - 8-port SFP + Line Card in an EX 8200 series Switch

