ARISTA

Quick Start Guide

7280R3 and 7280R3A Series
Data Center Switches

AristaNetworks

Contents

Overview

This guide is intended for properly trained service personnel and technicians who need to install selected Arista Networks Data Center Switches.

The following topics are covered in this section:

- Scope
- Receiving and Inspecting the Equipment
- Installation Process
- Safety Information
- Obtaining Technical Assistance
- Specifications

1.1   Scope

This guide covers the following devices:

DCS-7280R3 Series

1RU Switches

DCS-7280PR3-24	DCS-7280PR3K-24	DCS-7280DR3-24	DCS-7280DR3K-24
DCS-7280CR3-32P4	DCS-7280CR3K-32P4	DCS-7280CR3K-32P4A	DCS-7280CR3-32D4
DCS-7280CR3K-32D4	DCS-7280CR3K-32D4A	DCS-7280CR3-36S	DCS-7280CR3K-36S
DCS-7280CR3K-36A	DCS-7280SR3-48YC8	DCS-7280SR3K-48YC8	DCS-7280SR3K-48YC8A
DCS-7280SR3-40YC6	DCS-7280SR3E-40YC6	DCS-7280TR3-40C6	

2RU Switches

DCS-7280CR3-96	DCS-7280CR3K-96

DCS-7280R3A Series

1RU Switches

DCS-7280CR3A-24D12	DCS-7280CR3AM-24D12	DCS-7280CR3AK-24D12

2RU Switches

DCS-7280DR3A-54	DCS-7280DR3AM-54	DCS-7280DR3AK-54	DCS-7280DR3A-36
DCS-7280DR3AM-36	DCS-7280DR3AK-36	DCS-7280CR3A-48D6	DCS-7280CR3AM-48D6
DCS-7280CR3AK-48D6	DCS-7280CR3A-72	DCS-7280CR3AM-72	DCS-7280CR3AK-72

> ⚠️ **Important:** Only qualified personnel should install, service, or replace this equipment.
>
> Seul le personnel qualifié doit installer, service, ou remplacer cet équipement.

1.2   Receiving and Inspecting the Equipment

Upon receiving the switch, inspect the shipping boxes and record any external damage. Retain packing materials if you suspect that part of the shipment is damaged; the carrier may need to inspect them.

If the boxes were not damaged in transit, unpack them carefully. Ensure that you do not discard any accessories that may be packaged in the same box as the main unit.

Inspect the packing list and confirm that you received all listed items. Compare the packing list with your purchase order. Parts List provides a list of components included with the switch.

1.3   Installation Process

This section discusses the task required to install and use the switch.

1. Select and prepare the installation site (Site Selection).
2. Assemble the installation tools (Tools and Parts Required for Installation).
3. Attach the mounting brackets and install the switch in an equipment rack (Rack Mounting the Switch).
4. Connect the switch to the power source and network devices (Cabling the Switch).
5. Configure the switch (Configuring the Switch).

Important: Class 1 Laser Product: This product has provisions to install Class 1 laser transceivers which provide optical coupling to the communication network. Once a Class 1 laser product is installed, the equipment is a Class 1 Laser Product. The customer is responsible for selecting and installing the Class 1 laser transceiver and for insuring that the Class 1 AEL (Allowable Emission Limit) per EN/IEC 60825, CSA E60825-1, and Code of Federal Regulations 21 CFR 1040 is not exceeded after the laser transceiver have been installed. Do not install laser products whose class rating is greater than 1. Refer to all safety instructions that accompanied the transceiver prior to installation. Only Class 1 laser devices, certified for use in the country of installation by the cognizant agency are to be utilized in this product. Ultimate disposal of this product should be in accordance with all applicable laws and regulations.

Produit Laser de classe 1: Ce produit a des dispositions pour installer des émetteurs-récepteurs de laser de classe 1 qui offre de couplage au réseau de communication optique.Une fois un produit laser de classe 1 est installé, l'équipement est un produit Laser de classe 1 (Appareil à Laser de Classe 1).Le client est responsable pour sélectionner et installer l'émetteur/récepteur de laser de classe 1 et pour assurer que la classe 1 AEL (limite d'émission admissible) par EN/IEC 6-825, CSA E60825-1, et Code des règlements fédéraux 21 CFR 1040 ne soit pas dépassée après avoir installé l'émetteur/récepteur de laser. Ne pas installer des appareils à laser dont la cote de classe est supérieure à 1.Voir toutes les consignes de sécurité qui ont accompagné l'émetteur-récepteur avant l'installation. Seuls appareils laser de classe 1 certifiés pour une utilisation dans le pays d'installation par l'organisme compétent doivent être utilisées dans ce produit.

Important: Ultimate disposal of this product should be handled in accordance with all national laws and regulations.

L'élimination finale de ce produit doit être effectuée conformément à toutes les lois nationales etrèglements.

1.4   Safety Information

Refer to the Arista Networks document Safety Information and Translated Safety Warnings available at: https://www.arista.com/en/support/product-documentation.

1.5   Obtaining Technical Assistance

Any customer, partner, reseller or distributor holding a valid Arista Service Contract can obtain technical support in any of the following ways.

- **Email:** support@arista.com. This is the easiest way to create a new service request.

  Include a detailed description of the problem and the output of "show tech-support".
- **Web:** https://www.arista.com/en/support.

  A support case may be created through the support portal on our website. You may also download the most current software and documentation, as well as view FAQs, Knowledge Base articles, Security Advisories, and Field Notices.
- **Phone:** +1 866-476-0000 or +1 408-547-5502.

  Note:

  No user serviceable parts inside. Refer all servicing to qualified service personnel.

  Aucune pièce réparable par l'utilisateur à l'intérieur. Confiez toute réparation à un technicien qualifié.

1.6   Specifications

List of specifications of Arista data center modular switches and components covered by this guide.

Table 1: Switch Specifications (Dimensions and Weights)

Switch	Size (W x H x D)	Weight
DCS-7280R3 Series switches (1RU)		
DCS-7280PR3-24	48.3 x 4.4 x 58.2 cm (19 x 1.75 x 23.6 inches)	12.7 kg (28.0 lbs.)
DCS-7280PR3K-24	48.3 x 4.4 x 58.2 cm (19 x 1.75 x 23.6 inches)	12.7 kg (28.0 lbs.)
DCS-7280DR3-24	48.3 x 4.4 x 57.4 cm (19 x 1.75 x 22.6 inches)	13.1 kg (29.0 lbs.)
DCS-7280DR3K-24	48.3 x 4.4 x 57.4 cm (19 x 1.75 x 22.6 inches)	13.1 kg (29.0 lbs.)
DCS-7280CR3-32P4	48.3 x 4.4 x 55.8 cm (19 x 1.75 x 22.0 inches)	12.3 kg (27.0 lbs.)
DCS-7280CR3K-32P4	48.3 x 4.4 x 55.8 cm (19 x 1.75 x 22.0 inches)	12.3 kg (27.0 lbs.)
DCS-7280CR3K-32P4A	48.3 x 4.4 x 55.8 cm (19 x 1.75 x 22.0 inches)	12.3 kg (27.0 lbs.)
DCS-7280CR3-32D4	48.3 x 4.4 x 55.8 cm (19 x 1.75 x 22.0 inches)	12.3 kg (27.0 lbs.)
DCS-7280CR3K-32D4	48.3 x 4.4 x 55.8 cm (19 x 1.75 x 22.0 inches)	12.3 kg (27.0 lbs.)
DCS-7280CR3K-32D4A	48.3 x 4.4 x 55.8 cm (19 x 1.75 x 22.0 inches)	12.3 kg (27.0 lbs.)
DCS-7280CR3-36S	48.3 x 4.4 x 47.2 cm (19 x 1.75 x 18.6 inches)	10.5 kg (23.0 lbs.)
DCS-7280CR3K-36S	48.3 x 4.4 x 47.2 cm (19 x 1.75 x 18.6 inches)	10.5 kg (23.0 lbs.)
DCS-7280CR3K-36A	48.3 x 4.4 x 47.2 cm (19 x 1.75 x 18.6 inches)	10.5 kg (23.0 lbs.)
DCS-7280SR3-48YC8	48.3 x 4.4 x 46.7 cm (19 x 1.75 x 18.4 inches)	9.2 kg (20.2 lbs.)
DCS-7280SR3K-48YC8	48.3 x 4.4 x 46.7 cm (19 x 1.75 x 18.4 inches)	9.2 kg (20.2 lbs.)
DCS-7280SR3K-48YC8A	48.3 x 4.4 x 46.7 cm (19 x 1.75 x 18.4 inches)	9.2 kg (20.2 lbs.)
DCS-7280SR3-40YC6	48.3 x 4.4 x 46.9 cm (19 x 1.75 x 18.5 inches)	10.7 kg (23.6 lbs.)
DCS-7280SR3E-40YC6	48.3 x 4.4 x 46.9 cm (19 x 1.75 x 18.5 inches)	9.0 kg (20.0 lbs.)
DCS-7280TR3-40C6	48.3 x 4.4 x 46.9 cm (19 x 1.75 x 18.5 inches)	9.6 kg (21.1 lbs.)
DCS-7280R3 Series switches (2RU)		

DCS-7280CR3-96	48.3 x 8.8 x 76.1 cm (19 x 3.50 x 30.0 inches)	23.6 kg (52.0 lbs.)
DCS-7280CR3K-96	48.3 x 8.8 x 76.1 cm (19 x 3.50 x 30.0 inches)	23.6 kg (52.0 lbs.)
DCS-7280R3A Series switches (1RU)		
DCS-7280CR3A-24D12	48.3 x 4.4 x 59.2 cm (19 x 1.75 x 23.3 inches)	14.8 kg (32.6 lbs.)
DCS-7280CR3AM-24D12	48.3 x 4.4 x 59.2 cm (19 x 1.75 x 23.3 inches)	14.8 kg (32.6 lbs.)
DCS-7280CR3AK-24D12	48.3 x 4.4 x 59.2 cm (19 x 1.75 x 23.3 inches)	14.8 kg (32.6 lbs.)
DCS-7280R3A Series switches (2RU)		
DCS-7280DR3A-54	48.3 x 8.8 x 76.4 cm (19 x 3.50 x 30.1 inches)	27.9 kg (61.6 lbs.)
DCS-7280DR3AM-54	48.3 x 8.8 x 76.4 cm (19 x 3.50 x 30.1 inches)	27.9 kg (61.6 lbs.)
DCS-7280DR3AK-54	48.3 x 8.8 x 76.4 cm (19 x 3.50 x 30.1 inches)	27.9 kg (61.6 lbs.)
DCS-7280DR3A-36	48.3 x 8.8 x 61.2 cm (19 x 3.50 x 24.1 inches)	24.1 kg (53.1 lbs.)
DCS-7280DR3AM-36	48.3 x 8.8 x 61.2 cm (19 x 3.50 x 24.1 inches)	24.1 kg (53.1 lbs.)
DCS-7280DR3AK-36	48.3 x 8.8 x 61.2 cm (19 x 3.50 x 24.1 inches)	24.1 kg (53.1 lbs.)
DCS-7280CR3A-48D6	48.3 x 8.8 x 68.4 cm (19 x 3.50 x 27.3 inches)	22.0 kg (48.6 lbs.)
DCS-7280CR3AM-48D6	48.3 x 8.8 x 68.4 cm (19 x 3.50 x 27.3 inches)	22.0 kg (48.6 lbs.)
DCS-7280CR3AK-48D6	48.3 x 8.8 x 68.4 cm (19 x 3.50 x 27.3 inches)	22.0 kg (48.6 lbs.)
DCS-7280CR3A-72	48.3 x 8.8 x 68.7 cm (19 x 3.50 x 27.0 inches)	22.4 kg (49.4 lbs.)
DCS-7280CR3AM-72	48.3 x 8.8 x 68.7 cm (19 x 3.50 x 27.0 inches)	22.4 kg (49.4 lbs.)
DCS-7280CR3AK-72	48.3 x 8.8 x 68.7 cm (19 x 3.50 x 27.0 inches)	22.4 kg (49.4 lbs.)

Table 2: Switch Specifications (Operational and Storage)

Switch	Operating Temperature	Storage Temperature	Operating Altitude	Relative Humidity
All	0° to 40°C (32° to 104°F)	-25° to 70°C (-13° to 158°F)	0 to 3,000 meters (0 to 10,000 feet)	5 to 90% (non-condensing)

Table 3: Switch Specifications (Power Input)

Power Source	PSU Models	Ratings
Power Input: AC		
	PWR-500AC	100 - 240 VAC, 6.5 to 3.0 A, 50/60 Hz
	PWR-511-AC[1]	100 - 240 VAC< 7.1 A, 50/60 Hz
	PWR-745AC	100 - 240 VAC 10.0 to 5.0 A 50/60 Hz
	PWR-747AC	100 - 240 VAC 10.0 to 5.0 A 50/60 Hz
	PWR-1011-AC[1]	100 - 120 / 200 - 240 VAC 12 / 6 A 50/60 Hz
	PWR-1511-AC[1]	200 - 240 VAC 9.6 A 50/60 Hz
	PWR-2411-AC[1]	200 - 240 VAC 14 A 50/60 Hz
	PWR-2421-HV	200 - 277 VAC 14 A 50/60 Hz
	PWR-3001-AC	200 - 240 VAC 17 A 50/60 Hz
Power Input: DC		
	PWR-500-DC	-48 to -60 VDC, 15 A
	PWR-511-DC[1]	-48 to -60 VDC, 13 A
	PWR-1011-DC[1]	-40 to -60 VDC, 30 A
	PWR-1511-DC[1]	-48 to -60 VDC, 39.5 A
	PWR-1900-DC	-48 to -60 VDC, 52 A
	PWR-2411-DC[1]	-48 to -60 VDC, 55 A
	PWR-2421-HV	240 to 380 VDC, 13.5 A
	PWR-3001-DC	-48 to -60 VDC, 70 A

[1] PWR-2421-HV is an optional alternative PSU. Check your switch, deployment and environment compatibility before use in lieu of the PSU shipped and supported by your switch.

Note: Use only the PSU models supported by the switch. Some switches described in this guide could use power supplies that may no longer be available. Contact your local Arista representative for more information.

Table 4: Switch Specifications (Power Draw)

Switch	Power Draw (Typical / Maximum)	Supported Power Supply
DCS-7280R3 Series switches (1RU)		
DCS-7280PR3-24	650 W / 1100 W	PWR-1511-AC, PWR-1511-DC
DCS-7280PR3K-24	650 W / 1100 W	PWR-1511-AC, PWR-1511-DC
DCS-7280DR3-24	560 W / 1110 W	PWR-1511-AC, PWR-1511-DC
DCS-7280DR3K-24	560 W / 1110 W	PWR-1511-AC, PWR-1511-DC
DCS-7280CR3-32P4	535 W / 851 W	PWR-1011-AC, PWR-1011-DC
DCS-7280CR3K-32P4	535 W / 851 W	PWR-1011-AC, PWR-1011-DC
DCS-7280CR3K-32P4A	535 W / 851 W	PWR-1011-AC, PWR-1011-DC
DCS-7280CR3-32D4	535 W / 851 W	PWR-1011-AC, PWR-1011-DC
DCS-7280CR3K-32D4	535 W / 851 W	PWR-1011-AC, PWR-1011-DC
DCS-7280CR3K-32D4A	543 W / 865 W	PWR-1011-AC, PWR-1011-DC
DCS-7280CR3-36S	254 W / 423 W	PWR-1011-AC, PWR-1011-DC
DCS-7280CR3K-36S	254 W / 423 W	PWR-1011-AC, PWR-1011-DC
DCS-7280CR3K-36A	262 W / 437 W	PWR-1011-AC, PWR-1011-DC
DCS-7280SR3-48YC8	155 W / 325 W	PWR-511-AC, PWR-511-DC
DCS-7280SR3K-48YC8	155 W / 325 W	PWR-511-AC, PWR-511-DC
DCS-7280SR3K-48YC8A	162 W / 338 W	PWR-511-AC, PWR-511-DC
DCS-7280SR3-40YC6	130 W / 214 W	PWR-511-AC, PWR-511-DC
DCS-7280SR3E-40YC6	130 W / 214 W	PWR-511-AC, PWR-511-DC
DCS-7280TR3-40C6	186 W / 242 W	PWR-511-AC, PWR-511-DC
DCS-7280R3 Series switches (1RU)		
DCS-7280CR3-96	1003 W / 1803 W	PWR-2411-AC, PWR-2411-DC
DCS-7280CR3K-96	1003 W / 1803 W	PWR-2411-AC, PWR-2411-DC
DCS-7280R3A Series switches (1RU)		
DCS-7280CR3A-24D12	TBD	PWR-1511-AC, PWR-1511-DC
DCS-7280CR3AM-24D12	TBD	PWR-1511-AC, PWR-1511-DC
DCS-7280CR3AK-24D12	TBD	PWR-1511-AC, PWR-1511-DC
DCS-7280R3A Series switches (2RU)		
DCS-7280DR3A-54	933 W / 1715 W	PWR-3001-AC, PWR-3001-DC
DCS-7280DR3AM-54	933 W / 1715 W	PWR-3001-AC, PWR-3001-DC
DCS-7280DR3AK-54	933 W / 1715 W	PWR-3001-AC, PWR-3001-DC
DCS-7280DR3A-36	643 W / 1283 W	PWR-2411-AC, PWR-2411-DC

DCS-7280DR3AM-36	643 W / 1283 W	PWR-2411-AC, PWR-2411-DC
DCS-7280DR3AK-36	643 W / 1283 W	PWR-2411-AC, PWR-2411-DC
DCS-7280CR3A-48D6	TBD	PWR-1511-AC, PWR-1511-DC
DCS-7280CR3AM-48D6	TBD	PWR-1511-AC, PWR-1511-DC
DCS-7280CR3AK-48D6	TBD	PWR-1511-AC, PWR-1511-DC
DCS-7280CR3A-72	TBD	PWR-1511-AC, PWR-1511-DC
DCS-7280CR3AM-72	TBD	PWR-1511-AC, PWR-1511-DC
DCS-7280CR3AK-72	TBD	PWR-1511-AC, PWR-1511-DC

Preparation

The following topics are covered in this section:

- Site Selection
- Tools and Parts Required for Installation
- Electrostatic Discharge (ESD) Precautions

2.1 Site Selection

The following criteria should be considered when selecting a site to install the switch.

- **Temperature and Ventilation:** For proper ventilation, install the switch where there is ample airflow to the front and back of the switch. The ambient temperature should not go below 0° or exceed 40°C.

  ⚠ **Important:** To prevent the switch from overheating, do not operate it in an area where the ambient temperature exceeds 40°C (104°F).

  Pour empêcher l'interrupteur de surchauffe, ne pas utiliser il dans une zone où la température ambiante est supérieure à 40°C (104°F).

- **Airflow Orientation**: The fans and PSUs determine the airflow direction through the switch. The color of the visible handles or labels indicate the airflow direction.

  📝 **Note:** The figures shown use representative Arista switches to illustrate airflow directions. Refer to Rear Panel to determine the airflow for your switch.

- **Blue Handle**: Air Inlet module. The following figure shows the airflow through the switch with air inlet modules:
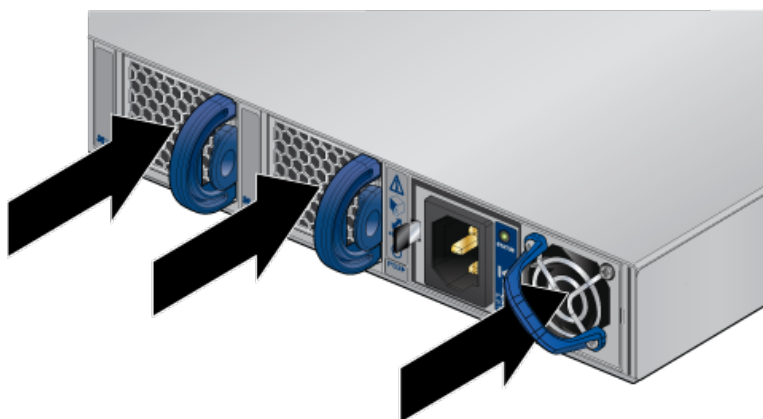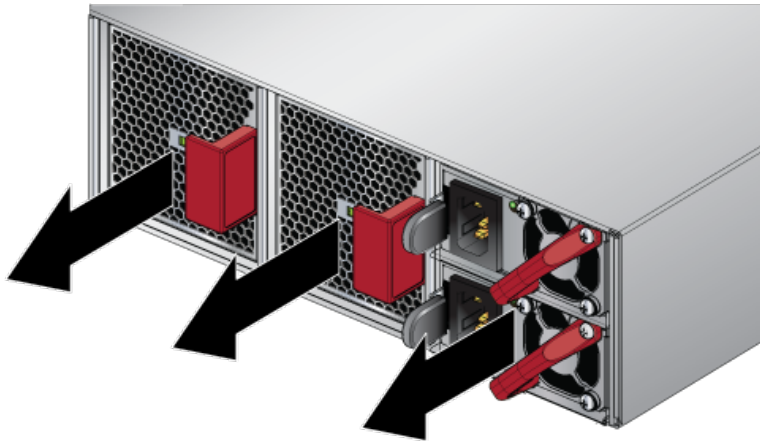
  Figure 1: Air Inlet Module

- **Red Handle**: Air Exit module. The following figure shows the airflow through the switch with air exit modules:

Figure 2: Air Exit Module

Orient the switch such that the airflow through the switch is from the cooler to the hotter aisle. If the airflow direction is not compatible with the installation site, reorient the fan modules to circulate air in the opposite direction.

Rear Panel displays fan and power supply module locations on the rear panel. Red handles indicate that they are air exit modules. Verify that each module has the same airflow direction. Base the switch orientation on the airflow direction of the modules to assure the air inlet is always oriented toward the cool aisle:

- **Air Exit modules:** orient the rear panel toward the hot aisle.
- **Air Inlet modules:** orient the rear panel toward the cool aisle.

If the airflow direction is not compatible with the installation site, contact your sales representative to obtain modules that circulate air in the opposite direction.

- **Rack Space:** Install the switch in a 19" rack or cabinet. The switches covered by this guide may be 1 RU or 2 RU in height. The accessory kit provides approved mounting brackets for the system. Four-post mounting is recommended for all systems. Where 2-post parts are supplied, they are intended for center-mounting the device.

When mounting the switch in a partially filled rack, load the rack from bottom to top, with the heaviest equipment at the bottom. Load the switch at the bottom if it is the only item in the rack.

- **Power Requirements:** Power requirements vary by switch and power supply model. Table 3: Switch Specifications (Power Input) and Table 4: Switch Specifications (Power Draw) provide information regarding your specific system.

Two circuits provide redundancy protection. Cabling the Switch describes power cable requirements.

> **Note:** Handle or label color indicates airflow direction.

> ⚠ **Important:** The power input plug-socket combination must be accessible at all times; it provides the primary method of disconnecting power from the system.
>
> La combinaison de la puissance-prise d'entrée doit être accessible en tout temps ; Il fournit le principal moyen de coupure d'alimentation du système.

- **Other Requirements:** Select a site where liquids or objects cannot fall onto the equipment and foreign objects are not drawn into the ventilation holes. Verify these guidelines are met:

- Clearance areas to the front and rear panels allow for unrestricted cabling.
- All front and rear panel indicators can be easily read.
- Power cords can reach from the power outlet to the connector on the rear panel.

⚠️ **Important:** All power connections must be removed to de-energize the unit.

Toutes les connexions d'alimentation doivent être enlevées pour hors tension l'appareil.

2.2 Tools and Parts Required for Installation

Each switch provides an accessory kit that contains parts that are required to install the switch.

In addition to the accessory kit, the following tools and equipment are required to install the switch:

Two-Post Rack

- Screws or rack mounting nuts and bolts.
- Screwdriver

Four-Post Rack (Tool-less)

No additional equipment required.

Four-Post Rack (Conventional)

- Screws or rack mounting nuts and bolts.
- Screwdriver

Accessory kit does not include screws for attaching the switch to the equipment rack. When installing the switch into an equipment rack with unthreaded post holes, nuts are also required to secure the switch to the rack posts.

2.3 Electrostatic Discharge (ESD) Precautions

Observe these guidelines to avoid ESD damage when installing or servicing the switch.

- Assemble or disassemble equipment only in a static-free work area.
- Use a conductive work surface (such as an anti-static mat) to dissipate static charge.
- Wear a conductive wrist strap to dissipate static charge accumulation.
- Minimize handling of assemblies and components.
- Keep replacement parts in their original static-free packaging.
- Remove all plastic, foam, vinyl, paper, and other static-generating materials from the work area.
- Use tools that do not create ESD.

Rack Mounting the Switch

Rack Mounting the Switch (1RU)

The following topics are covered in this section:

- Two-Post Rack Mount (1RU)

  > **Note:** Use the rack-mount parts included with your switch for mounting. For heavier switches, only a four-post mount is supported.

  - Attaching Mounting Brackets to the Chassis (Two-Post)
  - Inserting the Switch into the Rack (Two-Post)
- Four-Post Rack Mount (1RU)

  - Attaching Mounting Brackets to the Chassis (Four-Post)
  - Assembling the Rails onto the Equipment Rack
  - Attaching the Switch to the Rack

  > **Note:** Four-post rack mount is recommended for all switches. Use the rack-mount parts included with your switch for mounting. Rails from different kit SKUs may look similar but could be incompatible leading to the inability to properly mount or remove a switch from the rack.

The following sections detail rack mounting in two-post and four-post racks for 1 RU switches.

> **Important:** The rack mounting procedure is identical for all switches covered by this guide. Illustrations in this chapter depict the mounting of a DCS-7050QX-32S switch.
>
> Les procédure de montage du bâti est identique pour tous les commutateurs visés par ce guide. Illustrations dans ce chapitre montrent le montage d'un interrupteur de DCS-7050QX-32S.

- Two-Post Rack Mount (1RU) provides instructions for mounting the switch in a two-post rack.
- Four-Post Rack Mount (1RU) provides instructions for mounting the switch in a four-post rack.

After completing the instructions for your rack type, proceed to Cabling the Switch.

3.1 Two-Post Rack Mount (1RU)

To mount the switch onto a two-post rack, assemble the mounting brackets to the chassis, then attach the brackets to the rack posts. Two-post accessory kits include the following two-post mounting parts.

2 - Three-hole Mounting Brackets

Each chassis side has attachment pins that align with bracket holes. Pin orientation is symmetric and equidistant, supporting bracket placements where the flange is flush with the front switch panel, flush with the rear panel, or not flush with either panel. Each bracket hole includes a key-opening for placing the bracket flush with the chassis and then locking it into place.

> **Important:** Attachment pins must engage all three upper bracket holes.
>
> Les goupilles de fixation doivent être bloquées tous les trois trous de la bride supérieure.

3.1.1   Attaching Mounting Brackets to the Chassis (Two-Post)

The following figure displays the front bracket alignment for attaching the switch into a two-post rack.

Figure 3: Bracket Mount Examples for Two-Post Rack Mount
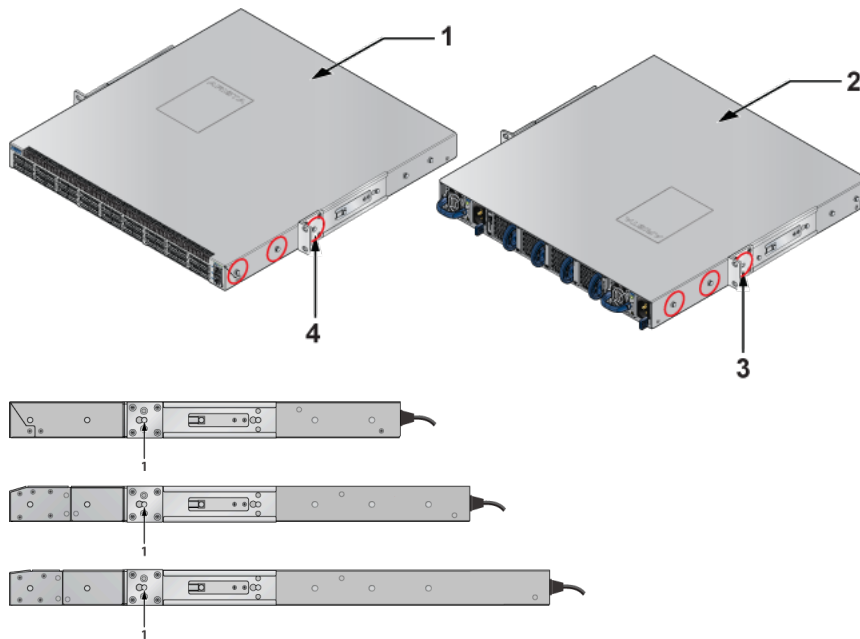
> **Note:** Deep and heavy devices could droop and cause damage to the equipment rack if front or rear mounted. Arista recommends only center mounting for switches covered in this guide when two-post mounting is required, and the switch accessory kit includes two-post mounting ears. Four-post mounting ears are different from the two-post mounting ears and should not be used for two-post mounting.

The following figure displays examples of improper bracket mounts for two-post rack mount.

Figure 4: Improper Bracket Mount Examples for Two-Post Rack Mount

Front bracket hole does not lock into pin   Rear bracket hole does not lock into pin
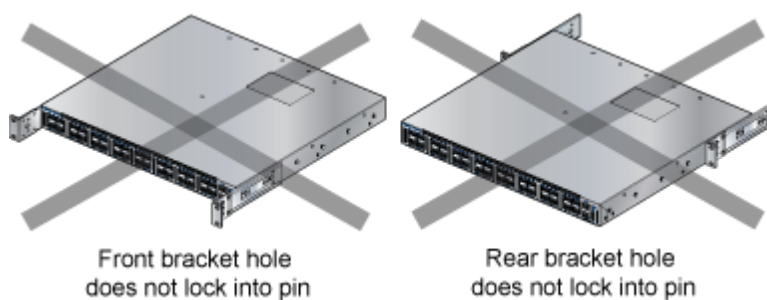
The following procedure attaches the two-post rack mount brackets to the chassis.

1. Align the mounting brackets with the attachment pins to obtain the desired mounting position.
2. Place the bracket flush on the chassis with attachment pins protruding through key-openings.
3. Slide the bracket toward the front flange until the bracket clip locks with an audible click.

The following figures show the correct bracket attachment for a center mount.

**Figure 5: Attaching the Mounting Brackets to the Switch Chassis**
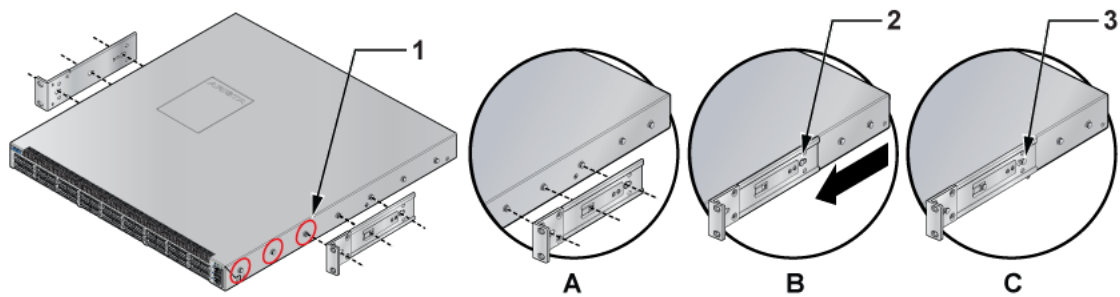
To remove the mounting bracket from the chassis, lift the front edge of the mounting bracket clip with a flathead screwdriver and slide the bracket away from the front flange (opposite from the installation direction).

3.1.2 Inserting the Switch into the Rack (Two-Post)

This procedure attaches the switch to the rack.

1. Lift the chassis into the rack. Position the flanges against the rack posts.
2. Select mounting screws that fit your equipment rack.
3. Attach the bracket flanges to the rack posts.

Figure 6: Inserting the Switch into the Rack
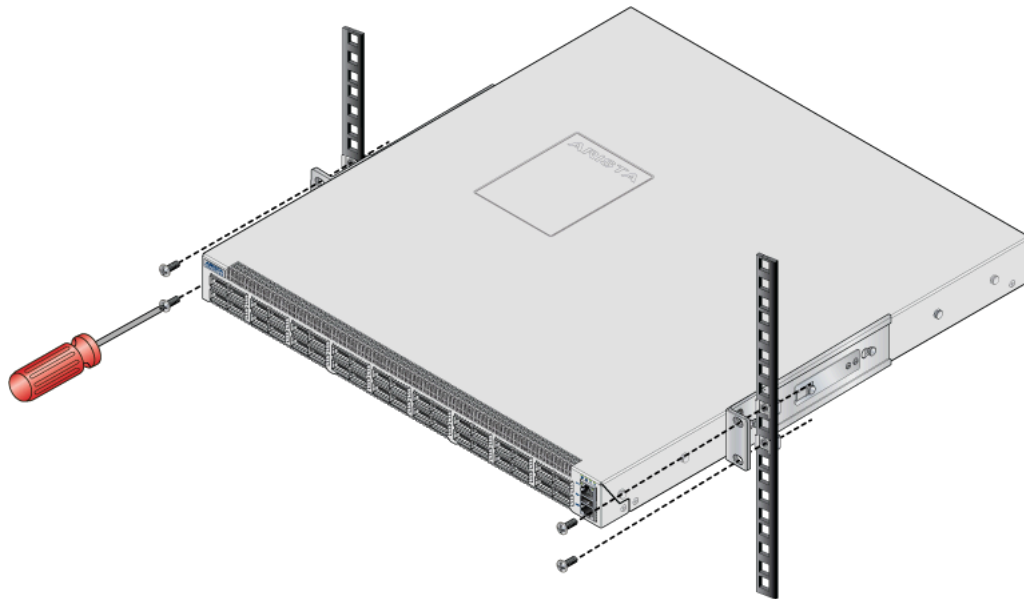
After completing the two-post rack mount, proceed to .

3.2 Four-Post Rack Mount (1RU)

The switch is mounted onto a four-post rack by assembling two rails onto the rear posts, sliding the switch onto the rails, then securing the switch to the front posts.

The installation kit provides the following four-post mounting parts:

- 2 six-hole mounting brackets

- 2 rail-rods
- 2 rail-slides

The rail-rods and rail-slides assemble into two identical slide-rails.

> 📝 **Note:** For longer chassis, there are two additional pieces to help the switch engage with the rails earlier.

Each chassis side has attachment pins that align with bracket holes. Pin orientation is symmetric and equidistant, supporting bracket placements where the flange is flush with the front switch panel, flush with the rear panel, or not flush with either panel. Each bracket hole includes a key-opening for placing the bracket flush with the chassis and then locking it into place.
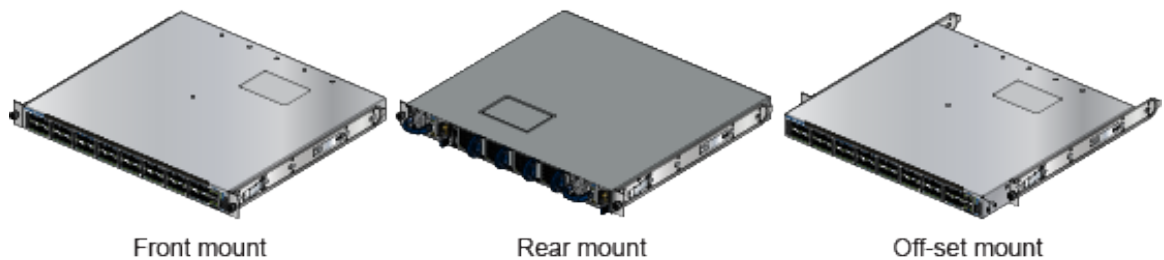
> ⚠️ **Important:** Attachment pins must engage at least five of the six bracket holes.
>
> Goupilles de fixation doivent être lock au moins cinq des trous du six support.
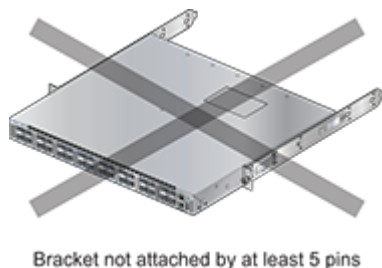
The following figure displays proper bracket mount configuration examples for four-post mounting.

Figure 7: Bracket Mount Examples for Four-Post Rack Mount

Front mount   Rear mount   Off-set mount

The following figure displays an improper bracket mount configuration example.

Figure 8: Improper Bracket Mount Example for Four-Post Rack Mount

Bracket not attached by at least 5 pins

3.2.1 Attaching Mounting Brackets to the Chassis (Four-Post)

The following figure displays the front bracket alignment for mounting the switch into a four-post rack.

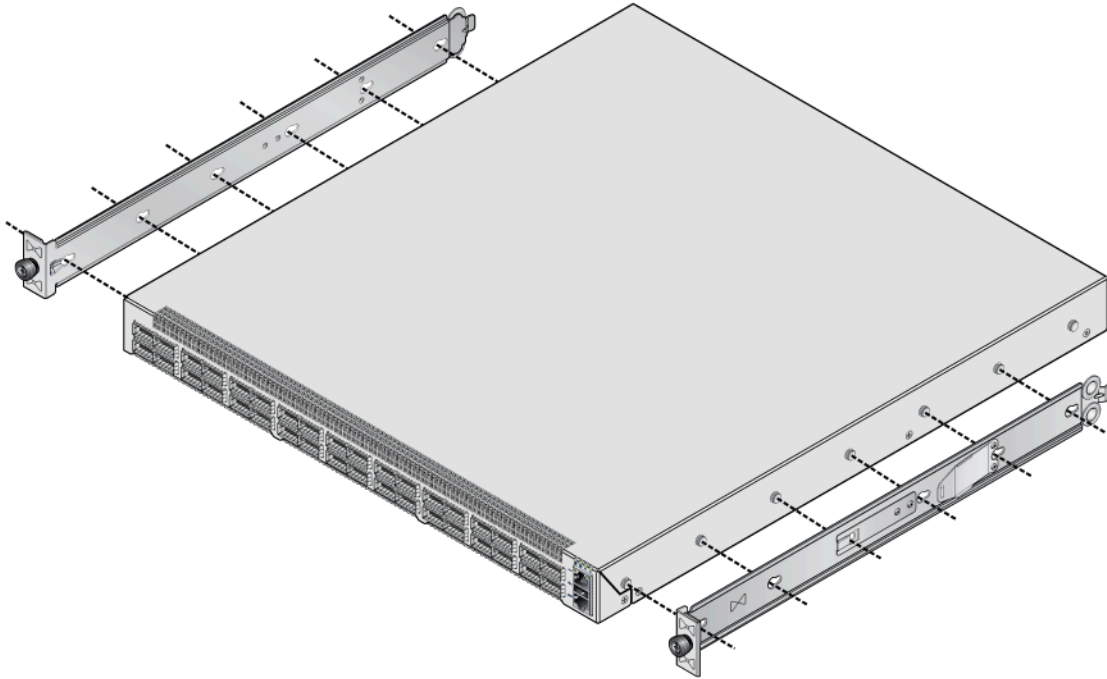**Figure 9: Attaching the Mounting Brackets to the Switch Chassis (KIT-7101 shown)**
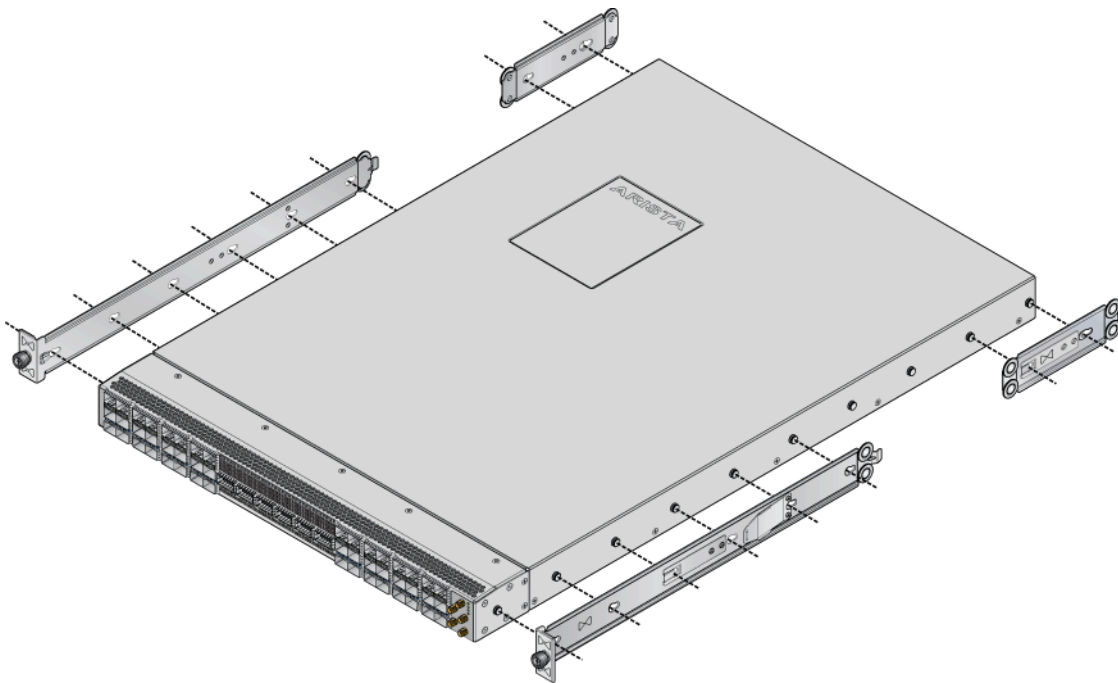

Figure 10: Attaching the Mounting Brackets to the Switch Chassis (with Deep Chassis Adapters)

This procedure attaches mounting brackets to the switch chassis as depicted by the preceding figure(s).

1. Align the mounting brackets with the attachment pins to obtain the desired mounting position.

2. Place the bracket flush on the chassis with attachment pins protruding through key-openings.
3. Slide the bracket toward the front flange until the bracket clip locks with an audible click.
4. Attach the deep chassis adapters as needed.

To remove the mounting bracket from the chassis, lift the front edge of the mounting bracket clip with a flathead screwdriver and slide the bracket away from the front flange (opposite from the installation direction).

The rest of the rack mounting steps are the same for both KIT-7001 and KIT-7101.

3.2.2 Assembling the Rails onto the Equipment Rack

Rail-rods and rail-slides assemble into two identical rails. Each rail connects a front post to a rear post. When the rails are installed, the switch slides on the rails into the rack. Each bracket includes a screw that attaches the switch to the rail.

Each end of an assembled rail contains two rack plugs (Figure 11: Attaching the Four-Post Mounting Brackets to the Switch Chassis). The rails are installed into a rack by inserting the plugs into rack slots. When installing rails into posts with threaded or rounded holes, remove all plugs located on both sides of the assembled rails, then install the rails with bolts that fit the rack.

Figure 11: Attaching the Four-Post Mounting Brackets to the Switch Chassis
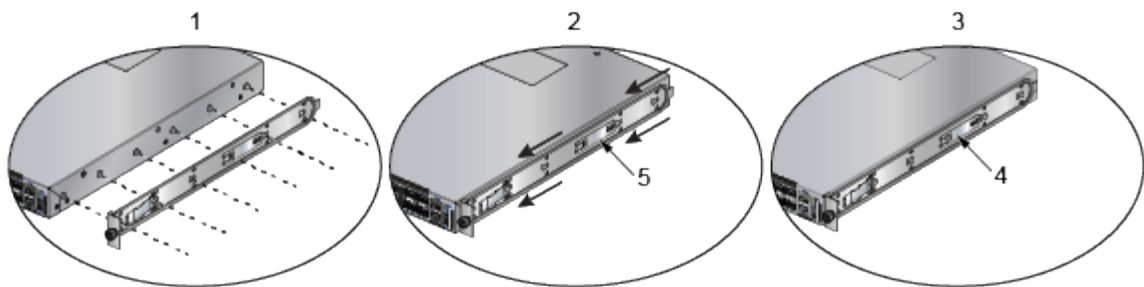
1	Step 1	4	Bracket clip (attached)
2	Step 2	5	Bracket clip (aligned)
3	Step 3		

This procedure attaches the rails to a four post rack:

1. Slide a rail-rod into a rail-slide (Figure 12: Assembling the Rails) until the rail clip makes an audible click.

   The rail clip prevents the extension of the rail beyond the maximum supported distance between the front and rear rack posts.

Figure 12: Assembling the Rails
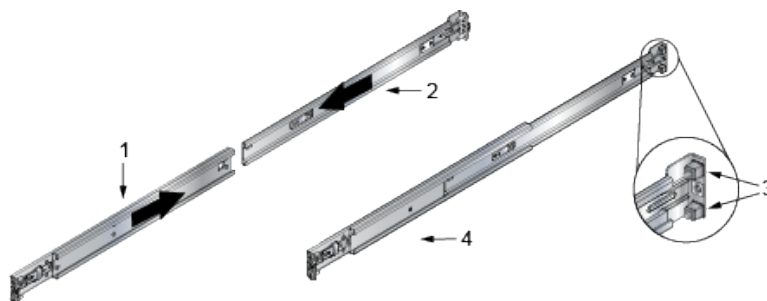
|			
1	Rail-slide	4	Rail (assembled)
2	Rail-rod		
3	Rack plugs		

2. Attach rail to the right rear rack post by inserting rod-end rack plugs into post slots (Figure 13: Attaching the Rails). The slide assembly must be inside the right posts, relative to the left rack posts.

   If the rack plugs were previously removed, use bolts to attach the rail to the rack.

3. Attach the slide end of the rail to the front post by extending the rail end past the post, then contracting the rail while guiding the rack plugs into the post.

4. Repeat Step 1 through Step 3 for the left posts. Ensure the rails are on the same horizontal level.

Figure 13: Attaching the Rails
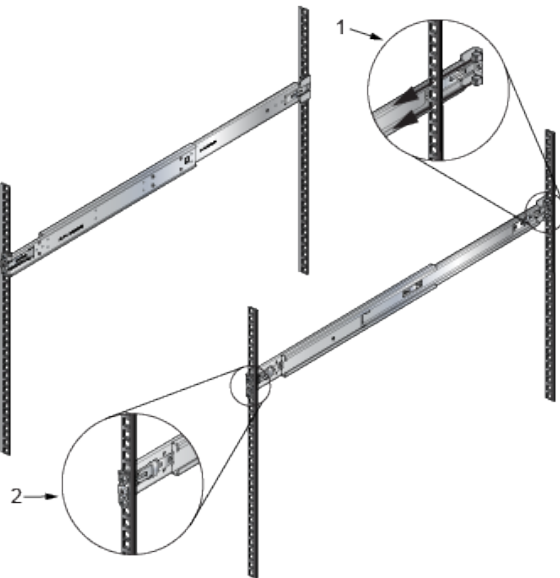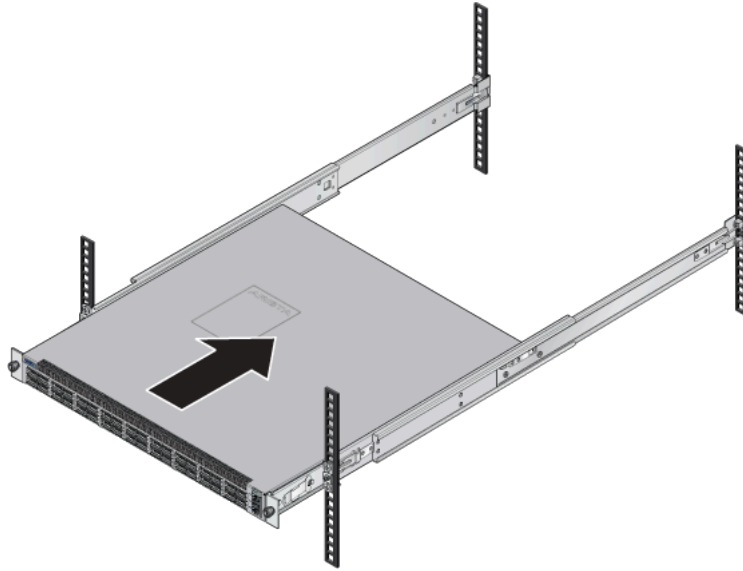

1	Inset A
2	Inset B

3.2.3 Attaching the Switch to the Rack

After the rails are installed, the switch slides on the rails into the rack. Each bracket includes a thumb screw that attaches the switch to the rail.

1. Lift the switch into the rack and insert the mounting brackets into the slide rails.

Figure 14: Inserting the Switch onto the Rails

2. Slide the switch on the rails, toward the rear posts, until the mounting bracket flanges are flush with the rail flanges attached to the rack posts.

3. Attach the bracket flanges to the rack post using the quick-release thumb screws supplied with the brackets Figure 15: Attaching the Switch to the Rack Posts . Hand-tighten the thumb screws or use a Phillips #2 screwdriver.

> **Note:** Do not exceed a maximum torque of 20in-lb or use powered impact drivers to secure the thumb screws.

Figure 15: Attaching the Switch to the Rack Posts
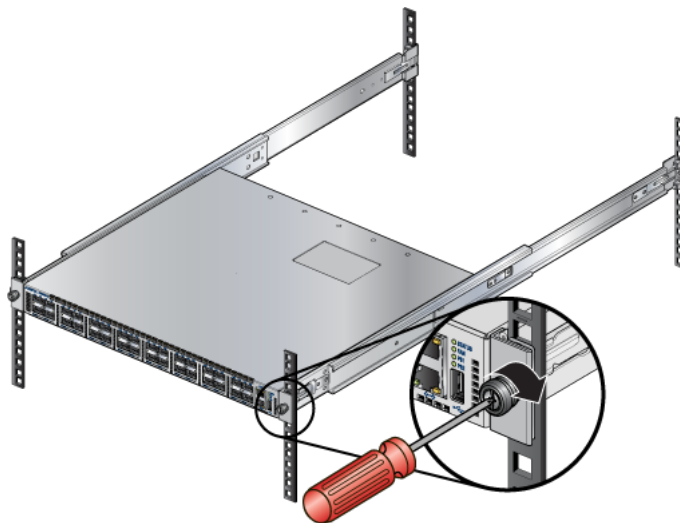
After completing the four-post rack mount, proceed to Cabling the Switch.

3.3   Rack Mounting the Switch (2RU)

The following topics are covered in this section:

- Two-Post Rack Mount (2RU)

- Four-Post Rack Mount (2RU)

in two-post and four-post racks for 2RU switches.

⚠️ **Important:** The rack mounting procedure is identical for all switches covered by this guide. Illustrations in this chapter depict the mounting of a DCS-7050SX-128 switch.

Les procédure de montage du bâti est identique pour tous les commutateurs visés par ce guide. Illustrations dans ce chapitre montrent le montage d'un interrupteur de DCS-7050SX-128.

After completing the instructions for your rack type, proceed to Cabling the Switch.

3.4 Two-Post Rack Mount (2RU)

The 2RU switches covered in this guide do not support two-post rack mounting. The accessory kit contains only the four-post RMK components. Contact your local Arista Networks representative for further information if you require two-post rack mounting.

3.5 Four-Post Rack Mount (2RU)

The switch is mounted onto a four-post rack by assembling two rails onto the rear posts, sliding the switch onto the rails, then securing the switch to the front posts.

The installation kit provides two bracket-rail assemblies. The following four-post mounting parts are extracted from each assembly:

- Six-hole mounting bracket
- Rail

Each chassis side has attachment pins that align with bracket holes; the number of pins (six or seven) varies by switch model. Pin orientation is symmetric and equidistant, supporting bracket placement where the flange is either flush with the front and rear panels, or not flush with the panels. Each bracket hole includes a key-opening for placing the bracket flush with the chassis and then locking it into place.

⚠️ **Important:** Attachment pins must engage all six bracket holes.

Goupilles de fixation doivent s'engager tous les trous de support six.

3.5.1 Extracting the Brackets and the Rails

The following figure displays a bracket-rail assembly and the component pieces (bracket and rail) that are extracted from the assembly kit. Each assembly must be separated into its component

pieces before mounting the switch into a four-post rack. The two assemblies supplied with the switch are identical.

Figure 16: Accessory Kit Components
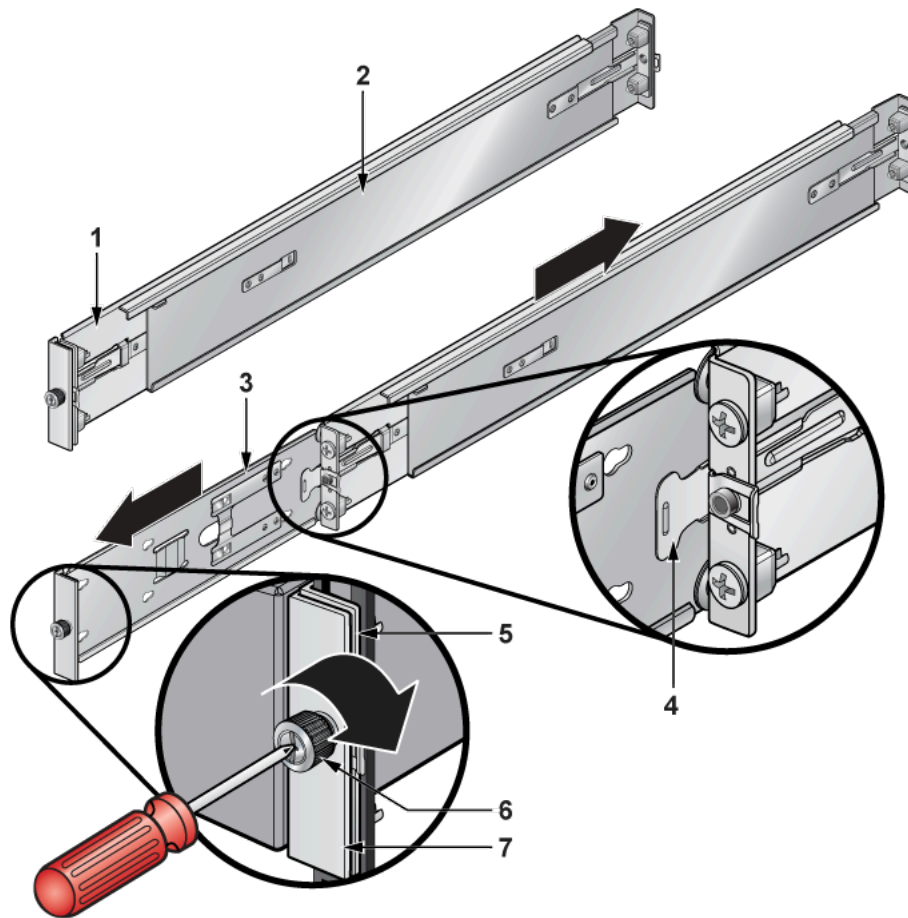
1	Rail bracket (front)	4	Locking clip	7	Switch mounting ear
2	Rail bracket (rear)	5	Rail mounting ear		
3	Switch bracket (for attaching to switch)	6	Thumb screw		

This procedure separates a bracket-rail assembly into its component pieces.

1. Grip the rail with one hand.
2. Pull the bracket flange away from the rail flange with your other hand until the bracket clip catches on the rail.

   If the bracket flange resists initially, verify the thumb screw on the bracket flange is not attached to the rail flange.
3. While pressing the locking clip on the bracket, resume pulling the bracket from the rail until the separation is complete.
4. Repeat the procedure for the other assembly.

3.5.2   Attaching Mounting Brackets to the Chassis

The following figure displays the switch bracket alignment for mounting the switch into a four-post rack.

Figure 17: Front Bracket Alignment
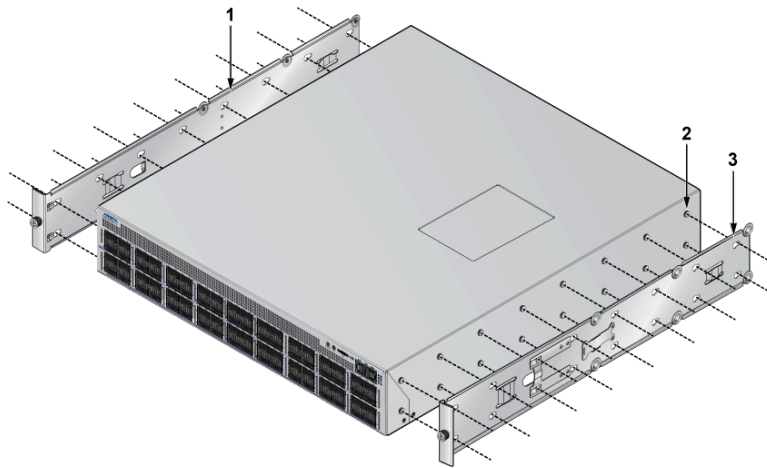
1	Switch bracket	3	Matching attachment hole
2	Attach point		

This procedure attaches mounting brackets to the switch chassis as depicted by the following figure.

1. Align the mounting brackets with the attachment pins.
2. Place the bracket flush on the chassis with attachment pins protruding through key-openings.
3. Slide the bracket toward the front flange until the rail locks with an audible click.

Figure 18: Attaching the Mounting Brackets to the Switch Chassis
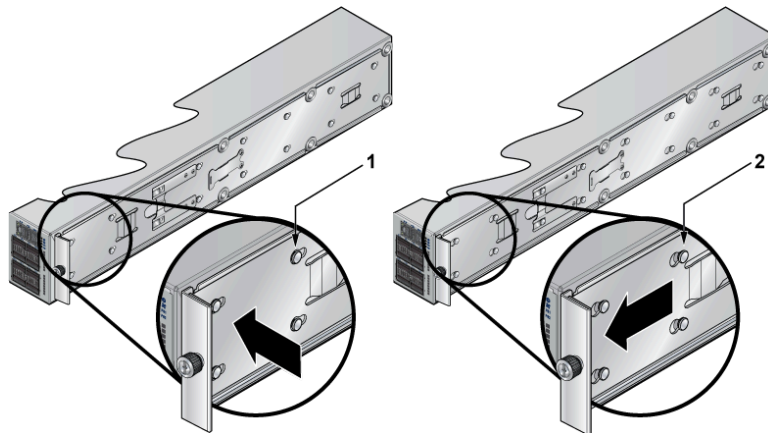
1 Aligned rail

2 Seated rail

To remove the mounting bracket from the chassis, lift the front edge of the mounting bracket clip with a flathead screwdriver and slide the bracket away from the front flange (opposite from the installation direction).

3.5.3 Expanding the Rails

The rail is a two-piece mechanism. The rail length is adjusted by sliding the rail-rod inside the rail-slide. The rail clip prevent extension of the rail beyond the maximum supported distance between front and rear rack posts. When the rail is contracted, the rail clip is closest to the slide end.

The rail is initially contracted and must be expanded to attach onto the rack. This procedure expands the rails from their contracted state:

1. Grip the slide end with your left hand and the rod end with your right hand.
2. Pull the ends apart until the rail-clip makes an audible click.

### 3.5.4 Assembling the Rails onto the Equipment Rack

A rail connects a front post to a rear post. Each end has two rack plugs. Rails are installed into a rack by inserting the plugs into rack slots. To install rails into posts with threaded or rounded holes, remove all plugs on both sides of the rails, then install the rails with bolts that fit the rack. This procedure attaches the rails to a four-post rack:

1. Attach rail to the right rear rack post by inserting rod-end rack plugs into post slots. The slide assembly must be inside the right posts, relative to the left rack posts (Figure 19: Attaching the Rails).

   If the rack plugs were previously removed, use bolts to attach the rail to the rack.
2. Attach the slide end of the rail to the front post by extending the rail end past the post, then contracting the rail while guiding the rack plugs into the post.
3. Repeat Step 1 through Step 2 for the left posts. Ensure the rails are on the same horizontal level.

Figure 19: Attaching the Rails
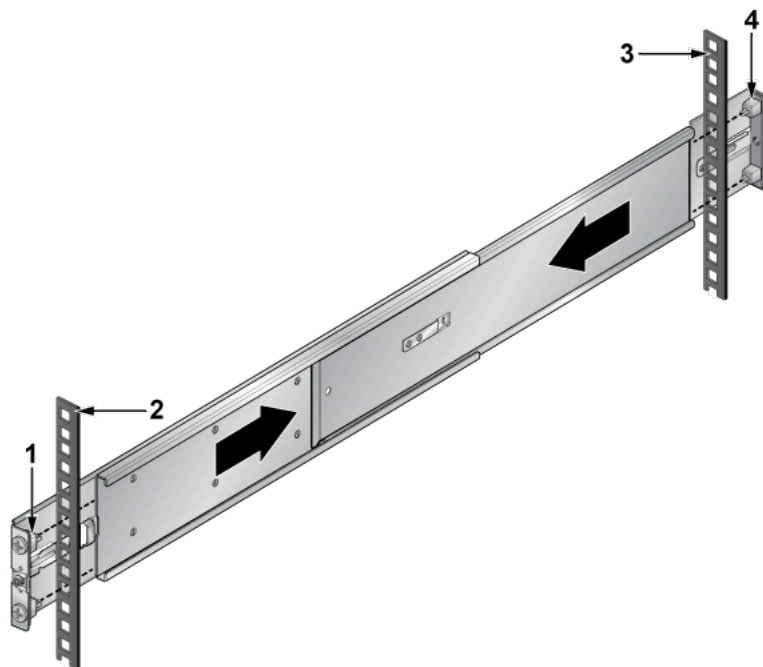
1	Front of right rail	3	Right rack post (rear)
2	Right rack post (front)	4	Rear of right rail

3.5.5   Attaching the Switch to the Rack

After the rails are installed, the switch slides on the rails into the rack. Each bracket includes a thumb screw that attaches the switch to the rail.

> **Note:** Illustrations shown could be different based on your accessory kit.

1. Lift the switch into the rack and insert the mounting brackets into the slide rails.
2. Slide the switch on the rails, toward the rear posts, until the mounting bracket flanges are flush with the rail flanges attached to the rack posts.

Figure 20: Inserting the Switch onto the Rails
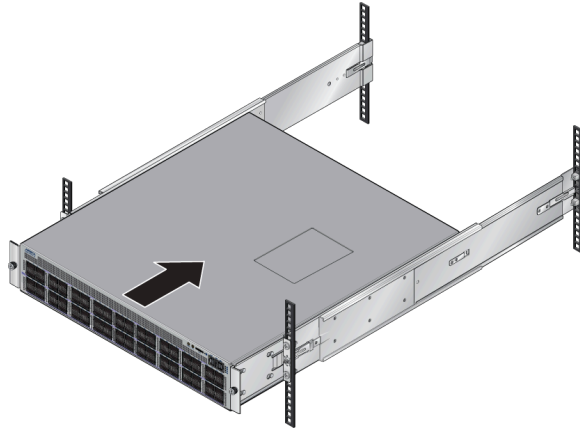
3. Attach the bracket flanges to the rack post using the quick-release thumb screws supplied with the brackets. Hand-tighten the thumb screws or use a Phillips #2 screwdriver.

> **Note:** Do not exceed a maximum torque of 20in-lb or use powered impact drivers to secure the thumb screws.

Figure 21: Attaching the Switch to the Rack Posts

After completing the four-post rack mount, proceed to Cabling the Switch.

Cabling the Switch

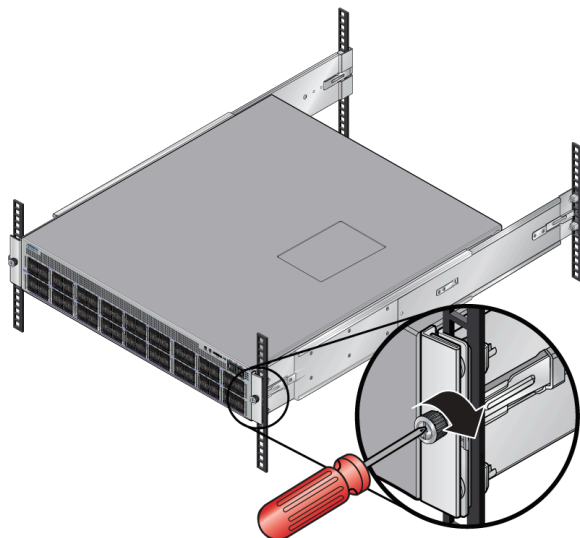The following topics are covered in this section:

- Grounding the Switch
- Grounding Adapter Assembly (1RU)
- Connecting Power Cables
    - AC Power Supplies
    - DC Power Supplies
- Connecting Serial and Management Cables

📝 **Note:** Arista fixed switches take approximately 5 to 10 minutes to boot completely.

4.1 Grounding the Switch

After mounting the switch into the rack, connect the switch to the data center ground.

Figure 22: Earth Grounding Adapter (DCS-7280CR3-32P4 shown) displays the location of the grounding assembly on the chassis for DCS-7280CR3-32P4 and similar switches that use the KIT-GND-EXT-1RU grounding kit. For the 2RU switches, the grounding location is at the rear panel of the switches or on the side using the KIT-GND-EXT-2RU grounding kit.

⚠️ **Important:** Grounding wires and grounding lugs (M4 x 0.7) are not supplied. Wire size should meet local and national installation requirements. Commercially available 6 AWG wire is recommended for installations in the US.

À la terre et de mise à la terre fils cosses (M4 x 0.7) ne sont pas fournis. Calibre des fils doit satisfaire des exigences de l'installation locale et nationale. Disponible dans le commerce 6 fils AWG est recommandé pour les installations aux États-Unis.

Figure 22: Earth Grounding Adapter (DCS-7280CR3-32P4 shown)
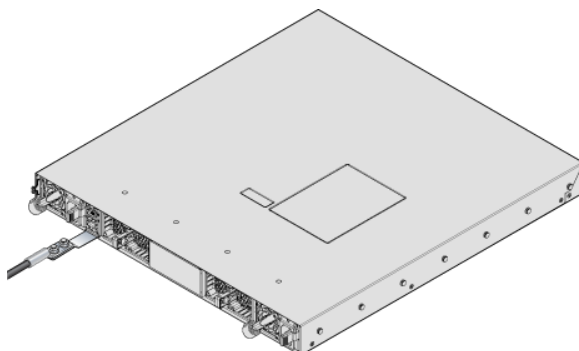
4.2 Grounding Adapter Assembly (1RU)

The following steps assemble and attach a grounding assembly to the chassis before mounting it into the rack.

The following switches support external chassis grounding. Identify the location for attaching the adapter or the lug. As shown in the following example, the attachment point is on the bottom of the chassis for the switches that support the KIT-GND-EXT-1RU grounding kit.

Table 5: Grounding Kit Adapter Support

Switch	Grounding Kit Adapter
DCS-7280R3 Series switches	
DCS-7280PR3-24	KIT-GND-EXT-1RU
DCS-7280PR3K-24	KIT-GND-EXT-1RU
DCS-7280DR3-24	KIT-GND-EXT-1RU
DCS-7280DR3K-24	KIT-GND-EXT-1RU
DCS-7280CR3-32P4	KIT-GND-EXT-1RU
DCS-7280CR3K-32P4	KIT-GND-EXT-1RU
DCS-7280CR3K-32P4A	KIT-GND-EXT-1RU
DCS-7280CR3-32D4	KIT-GND-EXT-1RU
DCS-7280CR3K-32D4	KIT-GND-EXT-1RU
DCS-7280CR3K-32D4A	KIT-GND-EXT-1RU
DCS-7280CR3-36S	KIT-GND-EXT-1RU
DCS-7280CR3K-36S	KIT-GND-EXT-1RU
DCS-7280CR3K-36A	KIT-GND-EXT-1RU
DCS-7280SR3-48YC8	KIT-GND-EXT-1RU
DCS-7280SR3K-48YC8	KIT-GND-EXT-1RU
DCS-7280SR3K-48YC8A	KIT-GND-EXT-1RU
DCS-7280SR3-40YC6	KIT-GND-EXT-1RU
DCS-7280SR3E-40YC6	KIT-GND-EXT-1RU
DCS-7280TR3-40C6	KIT-GND-EXT-1RU
DCS-7280R3A Series switches	
DCS-7280CR3A-24D12	KIT-GND-EXT-1RU
DCS-7280CR3AM-24D12	KIT-GND-EXT-1RU
DCS-7280CR3AK-24D12	KIT-GND-EXT-1RU

Earth Grounding Adapter Assembly for DCS-7280CR3-32P4 shows the exploded and assembled views of using the KIT-GND-EXT-1RU grounding kit.

Figure 23: Earth Grounding Adapter Assembly for DCS-7280CR3-32P4
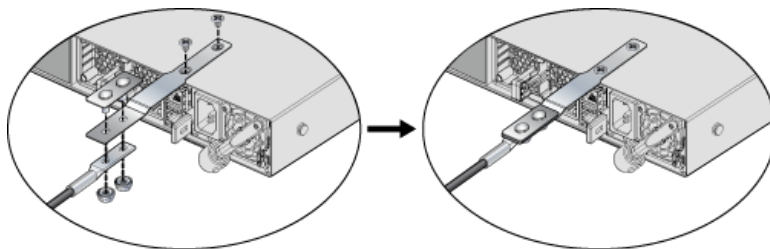
1. Identify all the components to be assembled:

   📝 **Note:** The chassis is shown upside down in the figure above.

   - 1x Grounding adapter
     - 1x Grounding bracket
       - 2x Flat-head screws (Phillips,M4 x 5.00 long, stainless steel)
       - 2x Hex nuts (#10-32, Serrated Flange, stainless steel)
       - 1x Grounding lug (Copper, 2-hole, 6 AWG, straight barrel)
2. Insert the grounding adapter through the holes in the grounding bracket.
3. Insert the ground lug on to the grounding adapter studs and fasten using the hex nuts to form the grounding assembly.
4. With the chassis on its top on a flat surface, attach the grounding assembly to the chassis using the flat head screws.
5. Turn the chassis over before mounting it into a rack and connecting cables.

4.3 Grounding Adapter Assembly (2RU)

The following steps attach a grounding assembly KIT-GND-EXT-2RU to the side of the supported 2RU chassis before mounting it into the rack.

Identify the location for attaching the adapter or the lug. As shown in the following example, the attachment point is on the side of the chassis for the switches that support the KIT-GND-EXT-2RU grounding kit. The grounding location is on the back for those supporting direct attach.

Table 6: Grounding Kit Adapter Support (2RU)

Switch	Grounding Kit Adapter
DCS-7280R3 Series switches	
DCS-7280CR3-96	Attach directly - right angle lug recommended
DCS-7280CR3K-96	Attach directly - right angle lug recommended
DCS-7280R3A Series switches	
DCS-7280DR3A-54	KIT-GND-EXT-2RU
DCS-7280DR3AM-54	KIT-GND-EXT-2RU
DCS-7280DR3AK-54	KIT-GND-EXT-2RU
DCS-7280DR3A-36	Attach directly - right angle lug recommended
DCS-7280DR3AM-36	Attach directly - right angle lug recommended
DCS-7280DR3AK-36	Attach directly - right angle lug recommended
DCS-7280CR3A-48D6	Attach directly - right angle lug recommended
DCS-7280CR3AM-48D6	Attach directly - right angle lug recommended
DCS-7280CR3AK-48D6	Attach directly - right angle lug recommended
DCS-7280CR3A-72	Attach directly - right angle lug recommended
DCS-7280CR3AM-72	Attach directly - right angle lug recommended
DCS-7280CR3AK-72	Attach directly - right angle lug recommended

The following figure shows the exploded and assembled views of using the KIT-GND-EXT-2RU grounding kit.

Figure 24: Earth Grounding Adapter for side attach
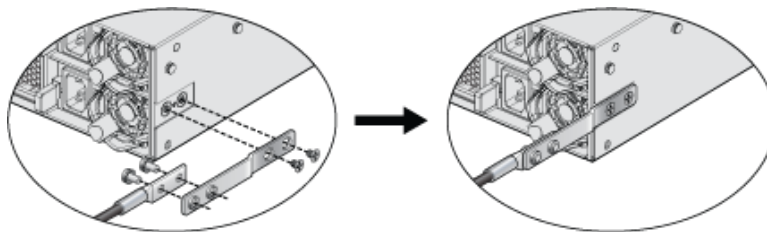
1. Identify all the components to be assembled:

   - 1x Grounding adapter

     - 1x Grounding bracket

       - 2x Flat-head screws (Phillips,M4 x 5.00 long, stainless steel)
       - 2x Hex nuts (#10-32, Serrated Flange, stainless steel)
       - 1x Grounding lug (Copper, 2-hole, 6 AWG, straight barrel)

2. Insert the grounding adapter through the holes in the grounding bracket.
3. Insert the ground lug on to the grounding adapter studs and fasten using the hex nuts to form the grounding assembly.
4. With the chassis on a flat surface, attach the grounding assembly to the chassis using the flat head screws.

4.4   Connecting Power Cables

You must use an approved power cord compliant with local and national electrical codes or order one from Arista for use with the switch. Some power cords are shipped with each switch as part of the accessory kit.

> **Important:** Installation of this equipment must comply with local and national electrical codes. If necessary, consult with the appropriate regulatory agencies and inspection authorities to ensure compliance.
>
> Installation de cet équipement doit être conformes aux codes électriques locaux et nationaux. Si nécessaire, consulter les organismes de réglementation appropriés et des autorités de contrôle pour assurer la conformité.

The switch operates with two installed power supplies. At least one power supply must connect to a power source. Two circuits provide redundancy protection. Rear Panel displays the location of the power supplies on the rear panel of the switch.

> **Important:** Read all installation instructions before connecting the system to the power source.
>
> Lire toutes les instructions d'installation avant de brancher le système à la source d'alimentation.

- **Non-Redundant Configuration:** Connect power to either of the two power supplies.
- **Redundant Power Supply Configuration:** Connect power to both power supplies.
- **Power down the Switch:** Remove all power cords and wires from the power supplies.

> **Important:** This equipment must be grounded. Never defeat the ground conductor.
>
> Cet équipement doit être mis à la terre. Ne jamais modifier le conducteur de terre.

> **Important:** This unit requires overcurrent protection.
>
> Cet appareil requiert une protection contre les surintensités.

4.4.1   AC Power Supplies

The following AC power supplies are supported.

|		
PWR-511-AC	PWR-1511-AC	PWR-3001-AC
PWR-1011-AC	PWR-2411-AC	

Figure 25: AC Power Supply Example displays an AC power supply, including the power socket on the left side of the module. The AC power supply connects to a circuit that provides the required power, as specified by Table 4: Switch Specifications (Power Draw) .

Note: Several PSUs support both forward and reverse airflow directions.

Figure 25: AC Power Supply Example
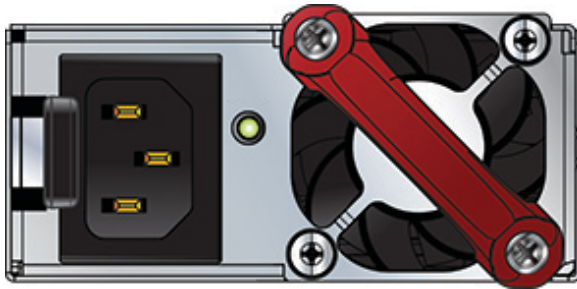
The accessory kit provides power cables for some switches.

4.4.2 DC Power Supplies
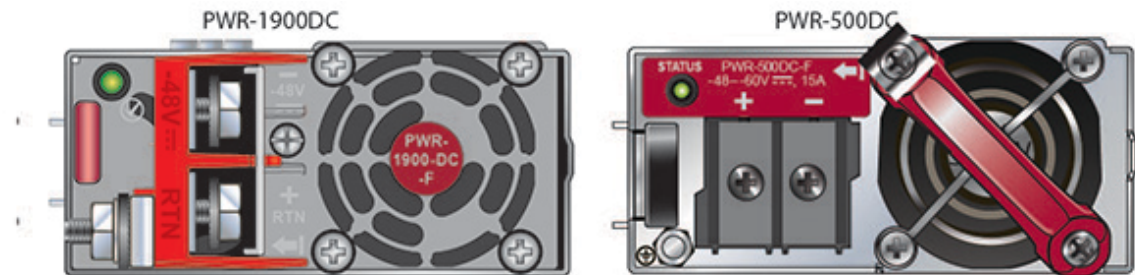
The following DC power supplies are supported.

Note: Several PSUs support both forward and reverse airflow directions.

PWR-500-DC	PWR-1511-DC	PWR-3001-DC
PWR-511-DC	PWR-1900-DC	
PWR-1011-DC	PWR-2411-DC	

The following image displays examples of DC power supplies.

Figure 26: DC Power Supply Examples

Important: A disconnect device must be provided as part of the installation .

Un dispositif de sectionnement doit être fourni dans le cadre de l'installation.

Important: Ensure power is removed from DC circuits before performing any installation actions. Locate the disconnect device, circuit breakers or fuses on DC power lines servicing the circuits. Turn off the power line circuits or remove the fuses.

Pouvoir assurer qu'il est retiré de circuits DC avant d'effectuer des actions d'installation . Localiser les disjoncteurs ou des fusibles sur les lignes de courant continu desservant les circuits. Coupez les circuits de lignes d'alimentation ou retirer les fusibles.

Important: Wire size must comply with local and national requirements and electrical codes. Use only copper wire.

Le calibre du fil doit être conforme aux exigences locales et nationales et les codes électriques. Utiliser du fil de cuivre.

⚠️ **Important:** Apply ground connection to the switch first during installation and remove last when removing power.

Appliquer connexion à la terre à l'interrupteur premier lors de l'installation et de supprimer la dernière alimentation lors du débranchement.

4.4.2.1 Wire and Lug Preparation

Before performing any installation actions, ensure power is removed from DC circuits by turning off the power line servicing the circuits. Prepare the stranded wiring before you begin a DC power installation.

📝 **Note:** Stranded copper wiring is required and should meet local and national installation requirements. Wires and grounding lugs are not supplied.

1. Attach an ESD grounding strap.
2. Prepare the stranded copper wiring for the power supply to be used. Table 4: Switch Specifications (Power Draw) provides wiring, lug, and tightening torque information for the power supplies covered in this guide.

Table 7: Wiring, Lug, and Tightening Torques for DC PSUs

PSU	Wire Size[1]		Lug Type[2]	Tightening Torque	
	(AWG)	(mm^2)		N•m	in.•lbs.
PWR-500-DC	14 or larger	2.0 or larger	ring or spade/ fork	1.0	9
PWR-511-DC	12 - 14	4.0 - 2.5		1.0	9
PWR-1900-DC	4 - 6	21.2 - 13.3		2.7	24
PWR-1011-DC	6 - 8	16.0 - 10.0		2.7	24
PWR-1511-DC	4 - 6	25.0 - 16.0		2.7	24
PWR-2411-DC	2 - 4	35.0 - 25.0		2.7	24
PWR-3001-DC	1 - 2	50 - 35.0		4.0	35

1. Unless otherwise noted, wire size applies to -48V, Battery return, and Protective earth wires.
2. Unless otherwise noted, twin #10 studs spaced for dual-hole lug with 5/8" hole spacing.
3. Strip the wires to the appropriate length for the lugs to be used.
4. Use agency-approved compression (pressure) lugs for wiring terminations.
5. Slip on heat-shrink tubing on the wire ends before assembling the lugs on to the wire.
6. Crimp the lugs with the proper tool, and ensure that the tubing extends over the barrel of the lugs and the insulation on the wires (Lug Preparation).

7. Shrink the tubing with a heat gun.

Figure 27: Lug Preparation
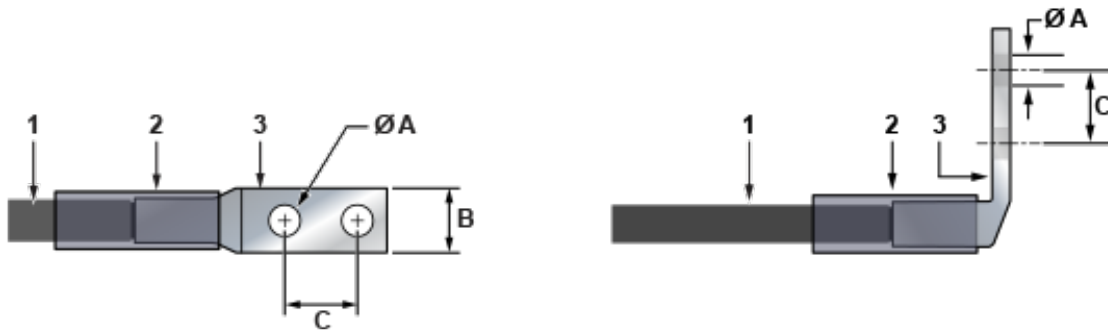
1	Insulated wire	3	Lug	B	1/2"
2	Heat-shrink tubing	A	1/4"	C	5/8"

> **Note:** Dimension B is the width of the lug (not visible on the right angle lug).

4.4.2.2 Connecting a DC Power Supply to Power Source

Figure 28: DC PSU Connection Example displays an example of connecting a PSU. To connect a DC power supply to a power source, perform the following:

1. Prepare the stranded wiring (Wire and Lug Preparation).
2. Attach the appropriate lugs to the source DC wires.
3. Connect the DC-input wires to the appropriate terminals using the specified torque (Table 4: Switch Specifications (Power Draw)) in the following order.

> **Note:** Remove terminal covers as needed.

    a. Ground wire to the Protective Earth (PE ⏚) terminal.
    b. Negative source DC cable to the negative (- / -48V) terminal.
    c. Positive (+) source DC cable to the positive (+ / Rtn) terminal.

4. Replace the terminal covers as required.

> **Note:** The ground terminal is on the opposite side from the two terminals shown, and is not visible in the following illustration.

Figure 28: DC PSU Connection Example
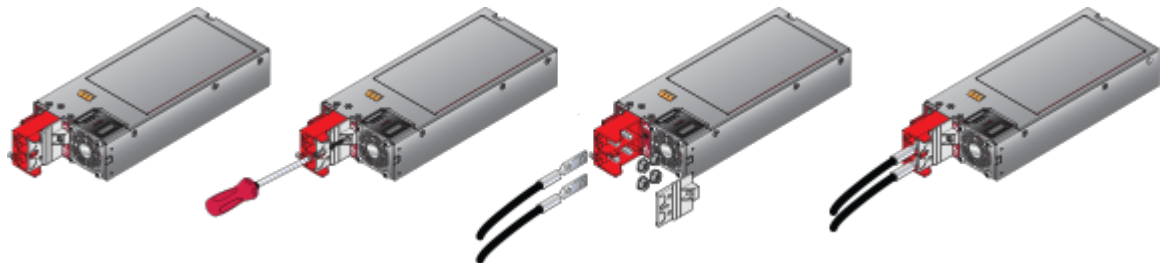
4.5 Connecting Serial and Management Cables

The accessory kit includes the following cables:

- RJ-45 to DB-9 serial adapter cable.
- RJ-45 Ethernet cable.

Table 8: RJ-45 to DB-9 Connections lists the pin connections of the RJ-45 to DB-9 adapter cable.

Table 8: RJ-45 to DB-9 Connections

RJ-45		DB-9			RJ-45		DB-9	
RTS	1	8	CTS		GND	5	5	GND
DTR	2	6	DSR		RXD	6	3	TXD
TXD	3	2	RXD		DSR	7	4	DTR
GND	4	5	GND		CTS	8	7	RTS

Note: RJ-45 to DB-9 connections: For models with a console management port on the rear panel, RJ-45 pin 1 (RTS) is connected to RJ-45 pin 8 (CTS); RJ-45 pin 2 (DTR) and RJ-45 pin 7 (DSR) are not electrically connected to any signal.

For most models, the front panel contains the console, management, and USB ports. The front panel ports display the ports on the front panel of the DCS-7050QX-32S switch. The rear panel ports display the ports on rear panel of the DCS-7280SR-48C6 switch. The front panel and rear panel display all switches covered by this guide.

Figure 29: Front Panel Ports
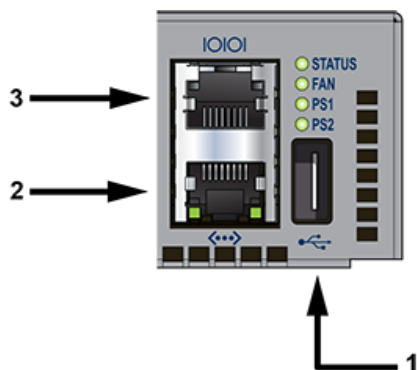
1	USB port	3	Console serial port
2	Ethernet management port		

Figure 30: Rear Panel Ports
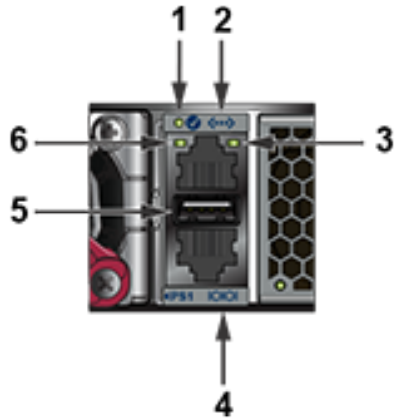
1	System status LED	3	Activity status LED	5	USB port
2	Ethernet management port	4	Console serial port	6	Link status LED

Connect the front or rear panel ports as follows:

- **Console (Serial) Port:** Connect to a PC with the RJ-45 to DB-9 serial adapter cable. The switch uses the following default settings:
  - 9600 baud
  - No flow control
  - 1 stop bit
  - No parity bits
  - 8 data bits
- **Ethernet Management Port:** Connect to 10/100/1000 management network with RJ-45 Ethernet cable.
- **USB Port:** The USB port may be used for software or configuration updates.

> ⚠️ **CAUTION:** Excessive bending can damage interface cables, especially optical cables.
>
> Flexion excessive peut endommager les câbles d'interface, notamment des câbles optiques.

Configuring the Switch

Arista switches ship from the factory in Zero Touch Provisioning (ZTP) mode. ZTP configures the switch without user intervention by downloading a startup configuration file or a boot script from a location specified by a DHCP server.

To manually configure a switch, ZTP is bypassed. The initial configuration provides one username (admin) accessible only through the console port because it has no password.

When bypassing ZTP, initial switch access requires logging in as admin, with no password, through the console port. Then you can configure an admin password and other password protected usernames.

This manual configuration procedure cancels ZTP mode, logs into the switch, assigns a password to admin, assigns an IP address to the management port, and defines a default route to a network gateway.

As the switch boots without a startup-config file, it displays the following through the console:

```
The device is in Zero Touch Provisioning mode and is attempting to
download the startup-config from a remote system. The device will not
be fully functional until either a valid startup-config is downloaded
from a remote system or Zero Touch Provisioning is cancelled. To cancel
Zero Touch Provisioning, login as admin and type 'zerotouch cancel'
at the CLI.
localhost login:
```

1. Provide power to the switch (Cabling the Switch).
2. Connect the console port to a PC (Connecting Serial and Management Cables).
3. Log into the switch by typing **admin** at the login prompt.

    ```
    localhost login:admin
    ```

4. Cancel ZTP mode by typing **zerotouch cancel**. IMPORTANT: This step initiates a switch reboot.

    ```
    localhost>zerotouch cancel
    ```

5. After the switch boots, log into the switch again by typing **admin** at the login prompt.

    ```
    Arista EOS
    localhost login:admin
    Last login: Fri Mar 15 13:17:13 on console
    ```

6. Enter global configuration mode.

    ```
    localhost>enable
    localhost#config
    ```

7. Assign a password to the admin username with the **username secret** command.

    ```
    localhost(config)#username admin secret pxq123
    ```

8. Configure a default route to the network gateway.

```
localhost(config)#ip route 0.0.0.0/0 192.0.2.1
```

9. Assign an IP address (*192.0.2.8/24* in this example) to an Ethernet management port.

```
localhost(config)#interface management 1
localhost(config-if-Ma1/1)#ip address 192.0.2.8/24
```

10. Save the configuration by typing **write memory** or **copy running-config startup-config**.

```
localhost#copy running-config startup-config
```

11. When the management port IP address is configured, use this command to access the switch from a host, using the address configured in step 9.

```
ssh admin@192.0.2.8
```

Refer to the ***Arista Networks User Manual*** for complete switch configuration information.

Status Indicators

The following topics are covered in this section:

- Front Indicators
  - Switch Indicators
  - Port Indicators
- Rear Status Indicators

A.1   Front Indicators

Reviews the Switch and Port Indicators of the device.

A.1.1   Switch Indicators

Front panel LEDs are located on the right side of the chassis and display system, fan, and power supply status.

The front panel LEDs are labeled either as in Figure 31: System Status Indicators or as inFigure 32: System Status Indicators. Check your device for the specific method utilized.

Figure 31: System Status Indicators

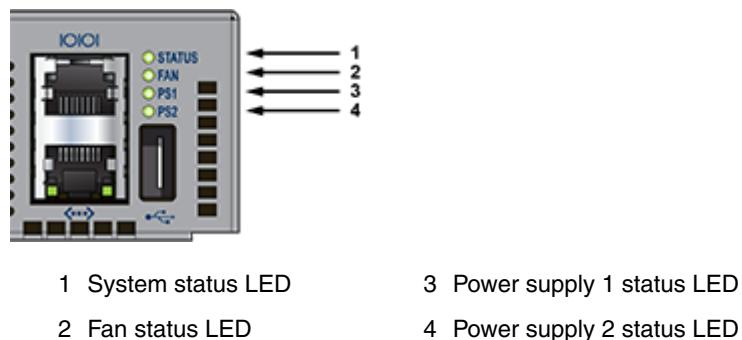|			
1	System status LED	3	Power supply 1 status LED
2	Fan status LED	4	Power supply 2 status LED

Figure 32: System Status Indicators

1	System status LED	3	Power supply 1 status LED
2	Fan status LED	4	Power supply 2 status LED
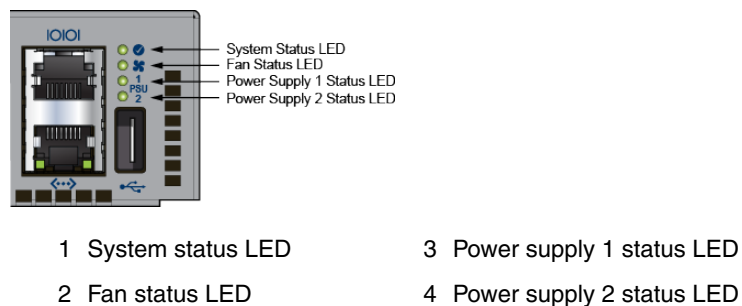
Table 9: Switch Indicators LED States (Front)

LED Name	LED State	Device Status
System Status LED	Blinking Green	System is powering up.
	Green	Normal operations. Due to power supply and fan redundancy, this LED will remain green if a single fan or power supply is missing or in a failed state.
	Blue	The locator function is active.
	Amber	Two or more fans (any combination of fan modules or PSU fans) are disconnected or malfunctioning. The switch will automatically execute a "graceful shutdown" shortly.
Fan Status LED	Green	All fan and power modules are operating normally.
	Amber	Single fan module is removed or malfunctioning. It is also amber when a PSU is completely removed or has a stuck fan rotor.
	Red	Two or more fans (any combination of fan modules or PSU fans) are disconnected or malfunctioning. The switch will automatically execute a "graceful shutdown" shortly.
PSU [1:2] Status LED	Green	PSU is functioning and fully operational. AC is present, Aux output is ON, and Main output is ON.
	Off	PSU has been removed or is not operating properly due to the AC cord being unplugged, its fan rotor being stuck, or an internal fault.

A.1.2   Port Indicators

Port LEDs, located in the vicinity of their corresponding ports, provide link and operational status.

The following figure displays the Port LED location on the DCS-7050QX-32S switch.

Figure 33: Port LEDs
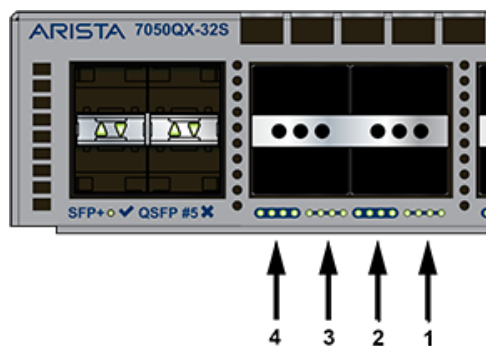
1	Port 4 LEDs	3	Port 2 LEDs
2	Port 3 LEDs	4	Port 1 LEDs

Table 10: Port LED States (Front) provides status conditions that correspond to port LED states. Port LED behavior for QSFP+ and SFP+ ports is consistent.

Table 10: Port LED States (Front)

LED State	Status
Off	Port link is down.
Green	Port link is up.
Yellow	Port is software disabled.
Flashing Yellow	Port failed diagnostics.

A.2 Rear Status Indicators

Fan and power supply modules are accessed from the rear panel.

Each fan and power supply module contains an LED that reports the module status.

Fan Status LEDs are on the fan modules, as displayed in Figure 34: Fan Status LED.
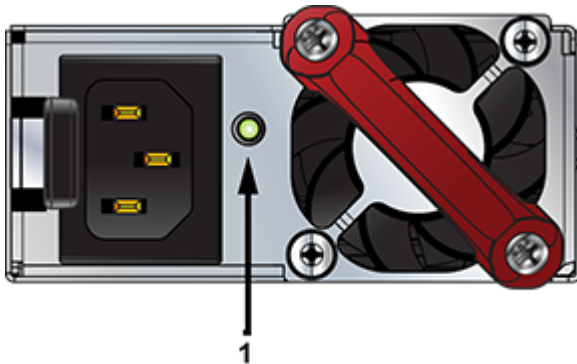
Figure 34: Fan Status LED
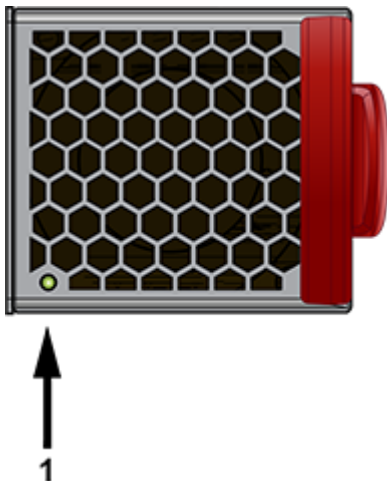
1 Fan module status LED

Table 11: Fan Status LED States (Rear) provides status conditions that correspond to fan status LED states.

Table 11: Fan Status LED States (Rear)

LED State	Status
Off	The fan module is not detected. If it is inserted, it may not be seated properly.
Green	The fan is operating normally. This LED state is exclusive to its fan module, and independent of the states of its neighboring fans and power supplies.
Red	The fan has failed.

The AC Power Supply Status LEDs are on the power supply modules, as displayed in Figure 35: AC Power Supply Status LED.

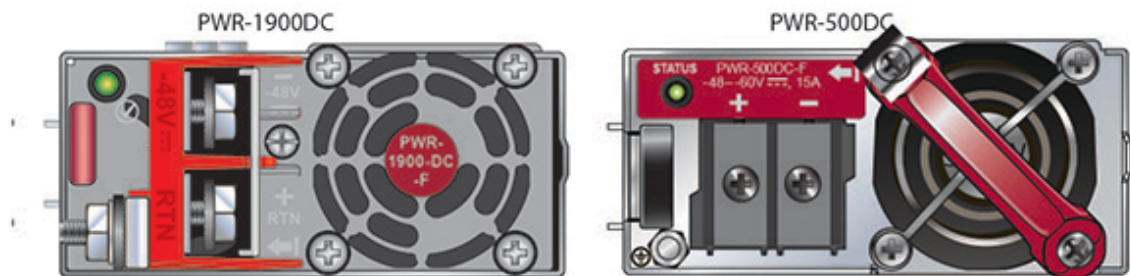**Figure 35: AC Power Supply Status LED**

1 Power supply status LED

Table 12: AC Power Supply Status LED States (Rear) provides status conditions that correspond to the AC power supply status LED states.

Table 12: AC Power Supply Status LED States (Rear)

Power Supply State	PWR-500AC-F PWR-500AC-R	PWR-745AC-F PWR-745AC-R	PWR-747AC-F PWR-747AC-R
Input power present Normal operation	Green	Green	Green
Input power present Power Supply fault	Yellow	Yellow	Yellow
No Input power Supply installed in chassis	Off	Off	Off
Input power present Supply not installed in chassis	Green	Green	Green

The DC Power Supply Status LEDs are on the power supply modules, as displayed inFigure 36: DC Power Supply Status LED.

Figure 36: DC Power Supply Status LED

Table 13: DC Power Supply Status LED States (Rear) provides status conditions that correspond to the DC power supply status LED states.

Table 13: DC Power Supply Status LED States (Rear)

Power Supply State	PWR-500DC-F PWR-500DC-R	PWR-1900-DC	PWR-2411-DC
Input power present Normal operation	Green	Green	Green
Input power present Power Supply fault	Blinking Yellow	Blinking Yellow	Blinking Yellow
No Input power Supply installed in chassis	Off	Off	Off
Input power present Supply not installed in chassis	Blinking Yellow	Blinking Yellow	Blinking Yellow

Note: You can narrow down the error condition by logging in to the switch to view the specific device state. Refer to the *Arista User Manual's Switch Environment Control chapter*, under the topic *Viewing Environment Status*, for further information on the `show environment` commands.

Parts List

This appendix lists the installation parts contained in the switch accessory kit.

Each switch provides an accessory kit that contains parts that are required to install the switch. Four-post rack mount is recommended for all switches. Use the rack-mount parts included with your switch for mounting. Rails from different kit SKUs may look similar but could be incompatible for use with extension kits for longer switches. Depending on the PSU, C13/14, C19/20 or SAF-D type power cables are included in the accessory kit.

Note: Use only the components shipped with the switch or compatible replacement parts.

The following topics are covered in this section:

* Accessory Kits
* Cables
* Ground Extender Kit (Optional)

B.1   Accessory Kits

This section describes the components included with the accessory kits available with the switches. Not all kits are shipped with all switches. Use only the parts shipped with the switch or optional, compatible kits. Do not mix parts from incompatible kits such as KIT-7001/2 and KIT-7101/2.

KIT-7001

The kit supports rack depths of twenty two to thirty two inches for four-post rack mounting of 1RU switches. The kit includes two-post rack mount parts. If needed, only center mount is recommended for two-post mounting.

Assembly Part Number	Description	Quantity
ASY-00921	Two-post brackets	2
	IEC-320/C13-C14, 13 A, 250 V, 2 meter	2
	RJ45 Patch Panel Cable, 2 meter	1
	RJ45 to DB9 Adapter Cable, 2 meter	1
	Identity tag	1
ASY-01098-05	Rack ear with captive thumb screw	2
ASY-00905-0X	Front rack rail with guide block	2
ASY-00916-0X	Rear sliding rack rail with guide block	2

Figure 37: Two-Post Rack Mounting Brackets
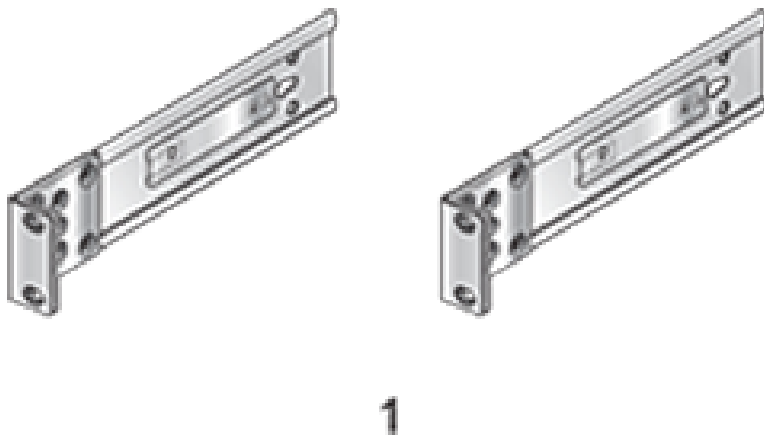
1 Two-post rack mount
parts

Figure 38: Four-Post Rack Mounting Parts
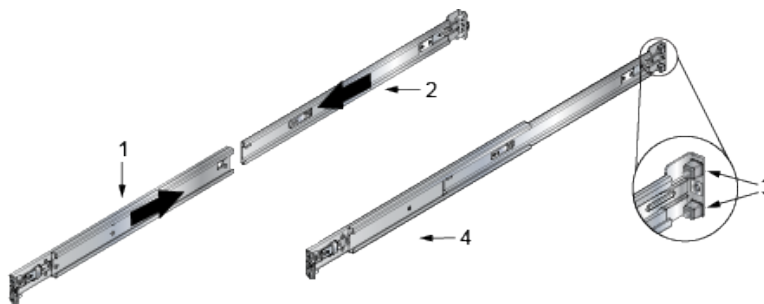
1 Rail-slide   3 Rack plugs (detail)

2 Rail-rod   4 Rail (assembled)

KIT-7001-4POST-L

This kit includes extended rails to support mounting some 1RU switches in thirty two to forty two inch rack depths. It is not compatible with deep chassis adapters.

Assembly Part Number	Description	Quantity
ASY-01098	Four-post brackets	2

KIT-7002

The kit supports rack depths of twenty two to thirty two inches for four-post rack mounting of 2RU switches. The kit includes two-post rack mount parts. If needed, only center mount is recommended for two-post mounting.

Assembly Part Number	Description	Quantity
ASY-00920	Two-post brackets	2
	IEC-320/C13-C14, 13 A, 250 V, 2 meter	2
	RJ45 Patch Panel Cable, 2 meter	1
	RJ45 to DB9 Adapter Cable, 2 meter	1
ASY-01098-05	Rack ear with captive thumb screw	2
ASY-00905-0X	Front rack rail with guide block	2
ASY-00916-0X	Rear sliding rack rail with guide block	2

KIT-7101

The kit supports rack depths of twenty two to thirty two inches for four-post rack mounting of 1RU switches. It is compatible with the deep chassis adapter required to support heavier and longer switches.

> **Note:** KIT-7101 metals are marked with a double triangle symbol to distinguish them from the equivalent KIT-7001 parts.

Assembly Part Number	Description	Quantity
	IEC-320/C13-C14, 13 A, 250 V, 2 meter	2
	RJ45 Patch Panel Cable, 2 meter	1
	RJ45 to DB9 Adapter Cable, 2 meter	1
	Identity tag	1
ASY-05581	Rack ear with captive thumb screw	2
ASY-05578	Front rack rail with guide block	2
ASY-00916	Rear sliding rack rail with guide block	2

KIT-7101-D

The kit supports rack depths of twenty two to thirty two inches for four-post rack mounting of 1RU switches. It includes the deep chassis adapter required to support heavier and longer switches.

Assembly Part Number	Description	Quantity
	IEC-320/C13-C14, 13 A, 250 V, 2 meter	2
	RJ45 Patch Panel Cable, 2 meter	1
	RJ45 to DB9 Adapter Cable, 2 meter	1
	Identity tag	1
ASY-05581	Rack ear with captive thumb screw	2
ASY-05578	Front rack rail with guide block	2
ASY-00916	Rear sliding rack rail with guide block	2
ASY-05576	Deep chassis adapter	2

Figure 39: Four-Post Rack Mounting Brackets with Roller Extensions
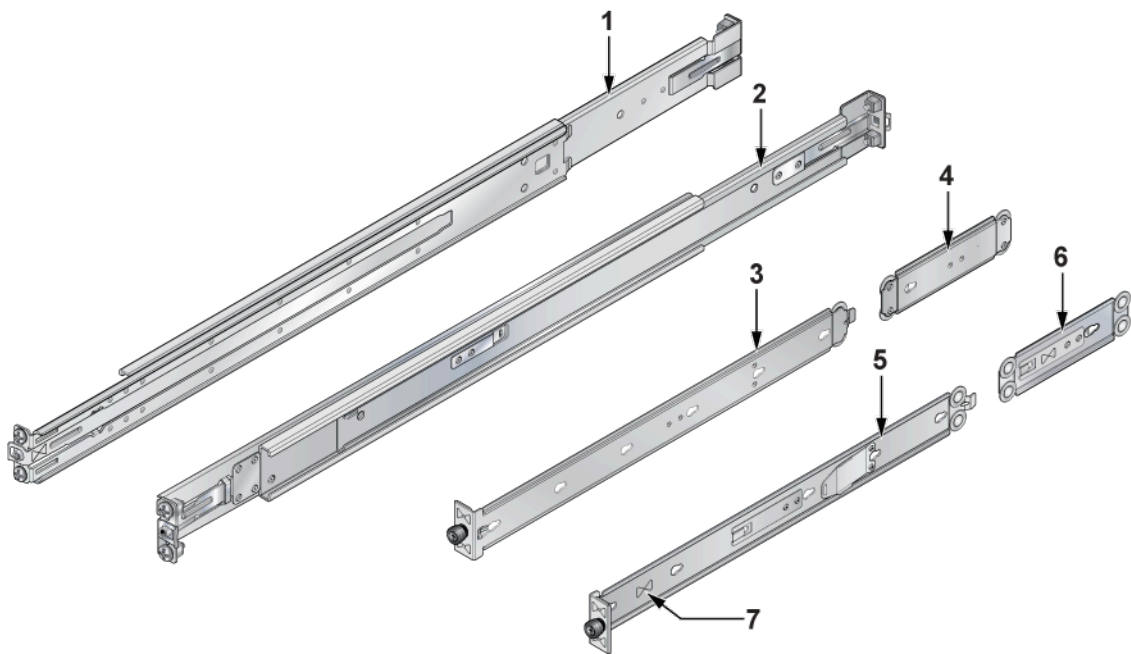
1	Rack rail	4	Deep chassis adapter	7	Double triangle symbol
2	Rack rail	5	Rack ear with captive thumb screw		
3	Rack ear with captive thumb screw	6	Deep chassis adapter		

KIT-7102

The kit supports rack depths of twenty two to thirty two inches for four-post rack mounting of 1RU switches. It supports the deep chassis adapter required to support heavier and longer switches.

Assembly Part Number	Description	Quantity
	IEC-320/C19-C20, 16 A, 250 V, 2 meter	2
	RJ45 Patch Panel Cable, 2 meter	1
	RJ45 to DB9 Adapter Cable, 2 meter	1
	Identity tag	1
ASY-05581	Rack ear with captive thumb screw	2
ASY-05578	Front rack rail with guide block	2
ASY-00916	Rear sliding rack rail with guide block	2
	Deep chassis adapter	2

KIT-7102-D

The kit supports rack depths of twenty two to thirty two inches for four-post rack mounting of 1RU switches. It includes the deep chassis adapter required to support heavier and longer switches.

Assembly Part Number	Description	Quantity
	IEC-320/C19-C20, 16 A, 250 V, 2 meter	2
	RJ45 Patch Panel Cable, 2 meter	1
	RJ45 to DB9 Adapter Cable, 2 meter	1
	Identity tag	1
ASY-05581	Rack ear with captive thumb screw	2
ASY-05578	Front rack rail with guide block	2
ASY-00916	Rear sliding rack rail with guide block	2
ASY-05576	Deep chassis adapter	2

KIT-7201

The kit supports rack depths of twenty two to thirty two inches for four-post rack mounting of 2RU switches.

Assembly Part Number	Description	Quantity
	IEC-320/C13-C14, 13 A, 250 V, 2 meter	2
	RJ45 Patch Panel Cable, 2 meter	1
	RJ45 to DB9 Adapter Cable, 2 meter	1
	Identity tag	1
ASY-06132	Rack ear with captive thumb screw	2
ASY-03765	Front rack rail with guide block	2
ASY-03767	Rear sliding rack rail with guide block	2

KIT-7202

The kit supports rack depths of twenty two to thirty two inches for four-post rack mounting of 2RU switches.

Assembly Part Number	Description	Quantity
	IEC-320/C19-C20, 16 A, 250 V, 2 meter	2
	RJ45 Patch Panel Cable, 2 meter	1
	RJ45 to DB9 Adapter Cable, 2 meter	1
	Identity tag	1
ASY-06132	Rack ear with captive thumb screw	2
ASY-03765	Front rack rail with guide block	2
ASY-03767	Rear sliding rack rail with guide block	2

B.2   Cables

Lists the cables required for installation of the switches.

Note: Use only the power cables shipped with your switch.

Quantity	Description
2	Power cables: IEC-320/C13-C14, 13 A, 250 V, 2 m
2	Power cables: IEC-320/C19-C20, 16 A, 250 V, 2 m
1	RJ-45 Patch Panel Cable
1	RJ-45 to DB9 Adapter Cable

Warning: All provided power cables are for use only with Arista products.

警告
すべての電源コードは提供する製品で使用するためだけを目的としている。

電源コードの他の製品での使用の禁止
Aristaが提供するすべての電源コードは、Aristaの製品でのみ使用してください。

B.3   Ground Extender Kit (Optional)

Lists the cables required for installation of the device.

SKU	Description
KIT-GND-EXT-1RU[1]	Ground extender kit for NEBS compliance
KIT-GND-EXT-2RU[1]	Ground extender kit for NEBS compliance

1. Compatible with specific devices.

Front Panel

This appendix displays the front panel of all switches covered by this guide.

📝 **Note:**

All devices are designed to fit into a 19" rack. The appearance may be different than those shown based on PSU and fan modules used.

The port speed groups support breakout configurations which could be EOS version dependent.

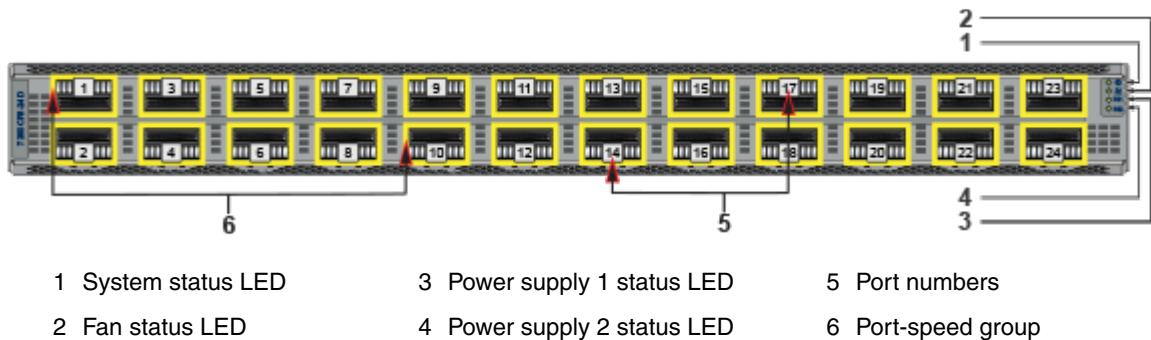**Figure 40: DCS-7280PR3-24 and DCS-7280PR3K-24**

1 System status LED	3 Power supply 1 status LED	5 Port numbers
2 Fan status LED	4 Power supply 2 status LED	6 Port-speed group

Figure 41: DCS-7280DR3-24 and DCS-7280DR3K-24

1 System status LED	3 Power supply 1 status LED	5 Port numbers
2 Fan status LED	4 Power supply 2 status LED	6 Port-speed group
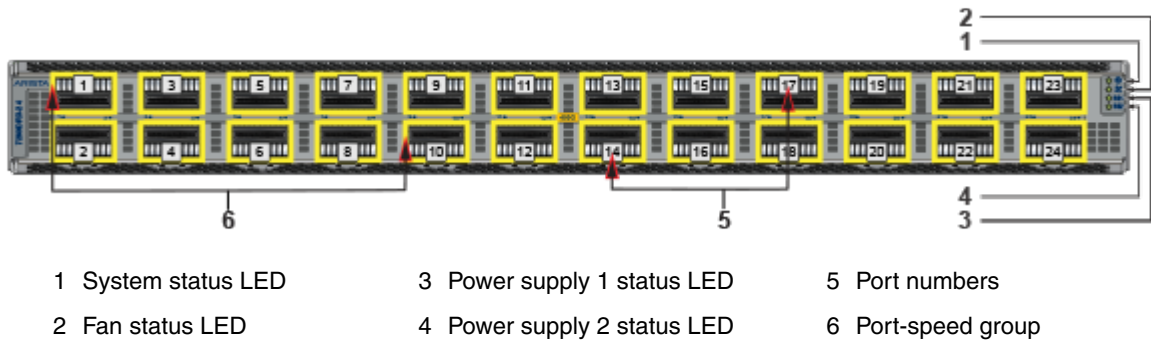
**Figure 42: DCS-7280CR3-32P4, DCS-7280CR3K-32P4 and DCS-7280CR3K-32P4A**
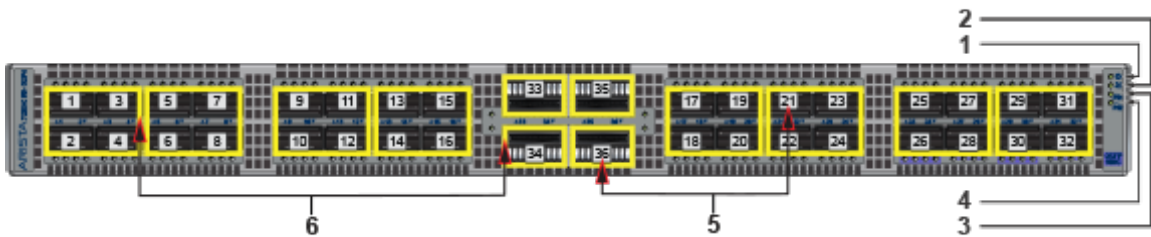
1	System status LED	3	Power supply 1 status LED	5	Port numbers
2	Fan status LED	4	Power supply 2 status LED	6	Port-speed group

Figure 43: DCS-7280CR3-32D4, 7280CR3K-32D4 and DCS-7280CR3K-32D4A
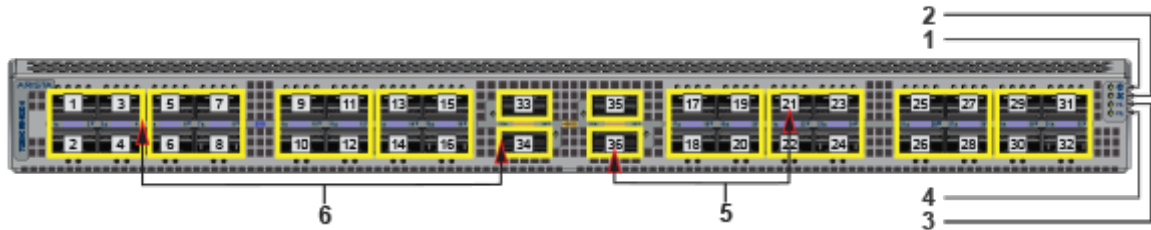
1	System status LED	3	Power supply 1 status LED	5	Port numbers
2	Fan status LED	4	Power supply 2 status LED	6	Port-speed group

Figure 44: DCS-7280CR3-36S, DCS-7280CR3K-36S and DCS-7280CR3K-36A
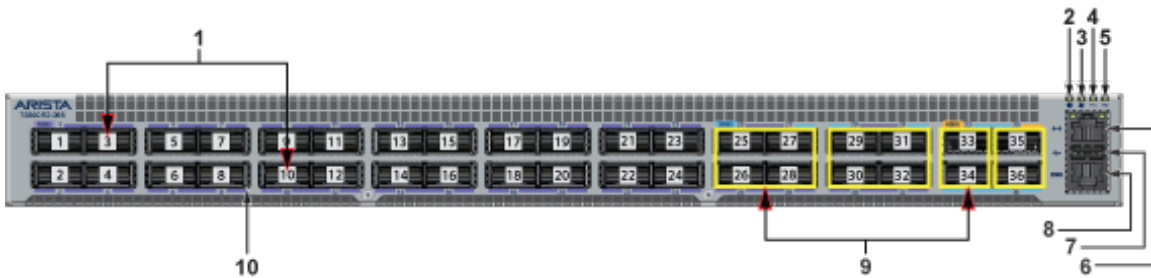
1	Port numbers	5	Power supply 2 status LED	9	Port Speed Groups
2	System status LED	6	Ethernet Management port	10	Port Status LED
3	Fan status LED	7	USB port		
4	Power supply 1 status LED	8	Console port (serial)		

Figure 45: DCS-7280CR3-96 and DCS-7280CR3K-96
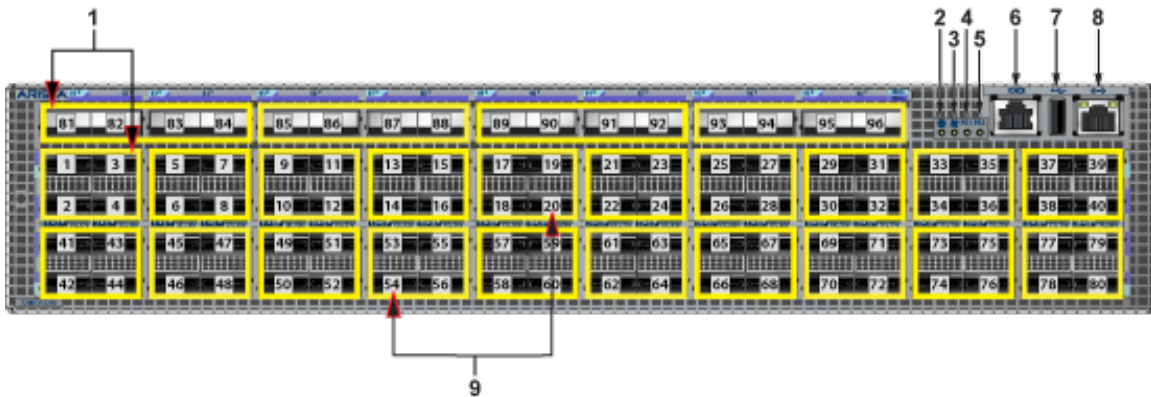
1 Port speed groups	4 Power supply 1 status LED	7 USB port
2 System status LED	5 Power supply 2 status LED	8 Ethernet Management port
3 Fan status LED	6 Console port (serial)	9 Port numbers

**Figure 46: DCS-7280SR3-48YC8, DCS-7280SR3K-48YC8 and DCS-7280SR3K-48YC8A**
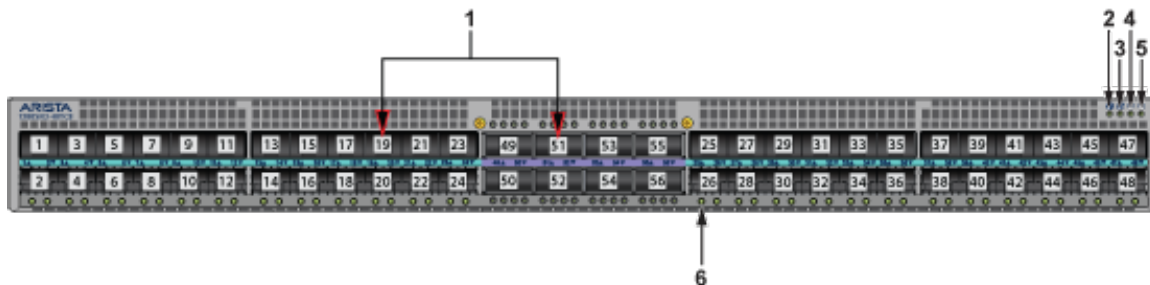
1 Port numbers	3 Fan status LED	5 Power supply 2 status LED
2 System status LED	4 Power supply 1 status LED	6 Port status LED (port 25)

**Figure 47: DCS-7280SR3-40YC6 and DCS-7280SR3E-40YC6**
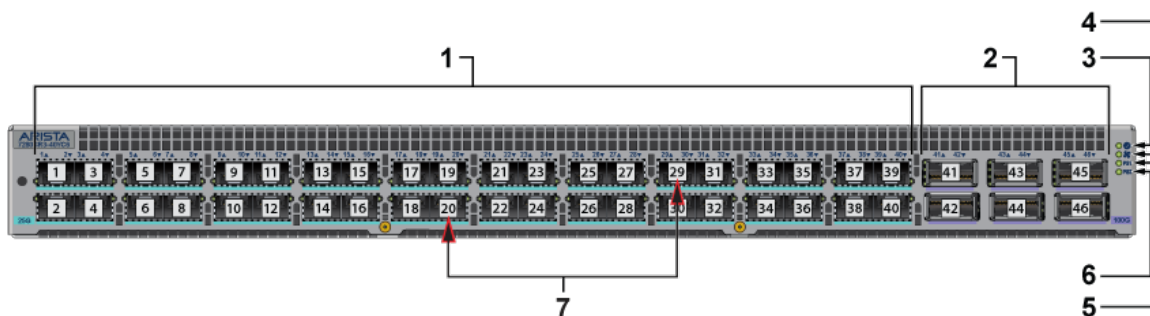
1 25G ports	4 Fan status LED	7 Port numbers
2 100G ports	5 Power supply 1 status LED	
3 System status LED	6 Power supply 2 status LED	

Figure 48: DCS-7280DR3A-54, DCS-7280DR3AK-54 and DCS-7280DR3AM-54

53
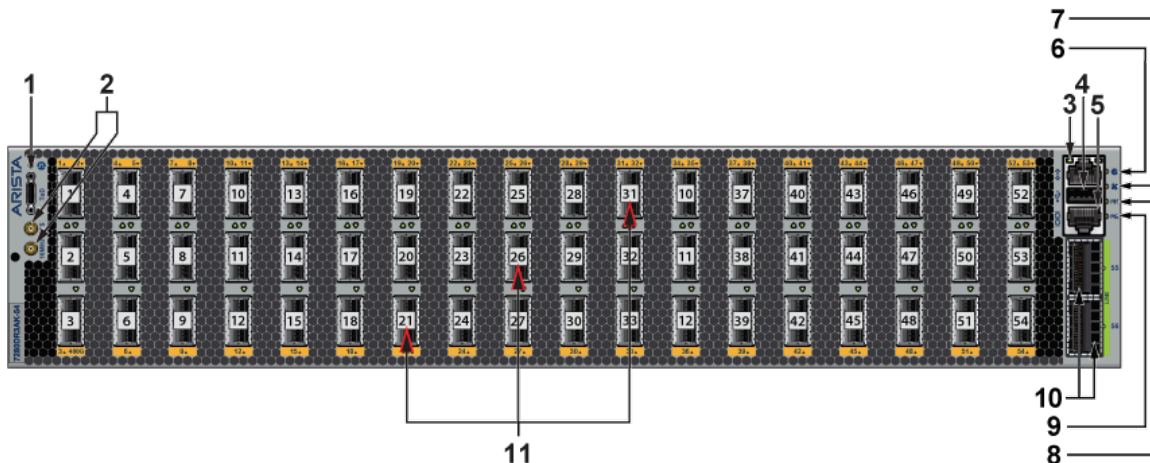
1	ToD Connector	5	Console port (serial)	9	Power supply 2 status LED
2	E-Sync clock connectors	6	System status LED	10	Line system ports (OSFP)
3	Ethernet management port	7	Fan status LED	11	Port numbers
4	USB port	8	Power supply 1 status LED		

Figure 49: DCS-7280DR3A-36, DCS-7280DR3AK-36 and DCS-7280DR3AM-36
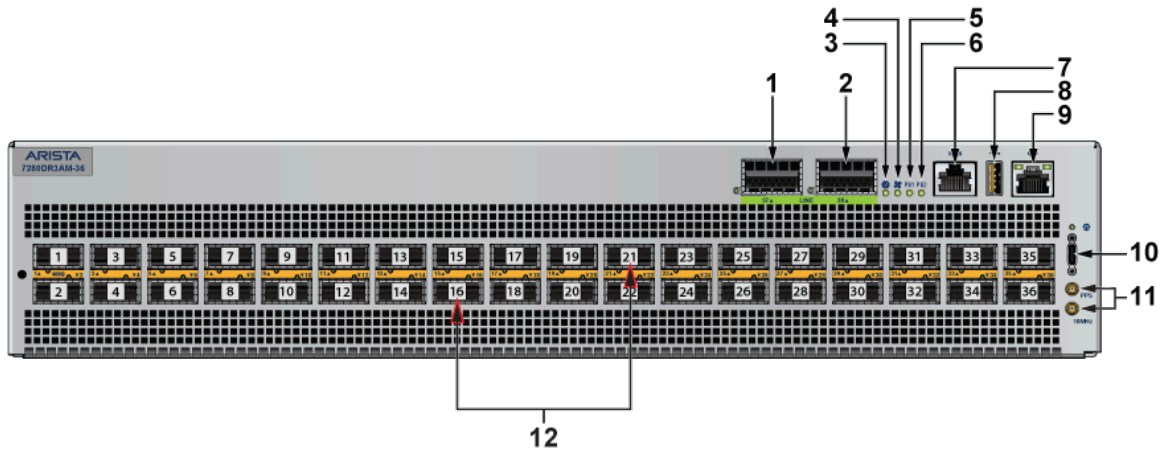
1	Line system port (OSFP)	5	Power supply 1 status LED	9	Ethernet management port
2	Line system port (OSFP)	6	Power supply 2 status LED	10	ToD Connector
3	System status LED	7	Console port (serial)	11	E-Sync clock connectors
4	Fan status LED	8	USB port	12	Port numbers

Rear Panel

All switches covered by this guide use one of the rear panels shown below. Depending on the installed power supply module, the appearance could be different from those shown. Some of the PSUs have a velcro strap for cable management.

> **Note:** All devices are designed to fit into a 19" rack. The appearance may be different than those shown based on PSU and fan modules used.
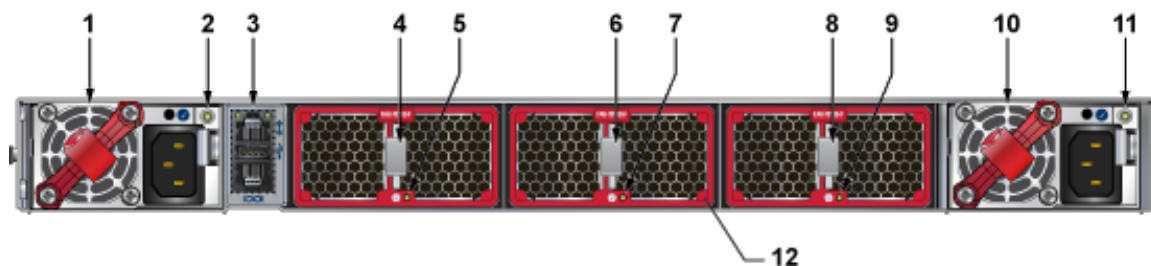
> **Note:** Handle or bezel color indicates airflow direction.

**Figure 50: Rear Panel with Two Fan Modules (1RU)**

1	Power supply 1	4 Fan module 1	7 Power supply 2 status LED
2	Power supply 1 status LED	5 Fan module 2	8 Fan module 2 status LED
3	Management ports	6 Power supply 2	9 Fan module 1 status LED

**Figure 51: Rear Panel with Three Fan Modules (1RU)**

1 Power supply module 1	5 Fan module 1 status LED	9 Fan module 3 status LED
2 Power supply module 1 status LED	6 Fan module 2 release	10 Power supply module 2
3 Management ports	7 Fan module 2 status LED	11 Power supply module 2 status LED
4 Fan module 1 release	8 Fan module 3 release	12 Fan module bezel[1]

Figure 52: Rear Panel with Ground Attach Point (2RU)
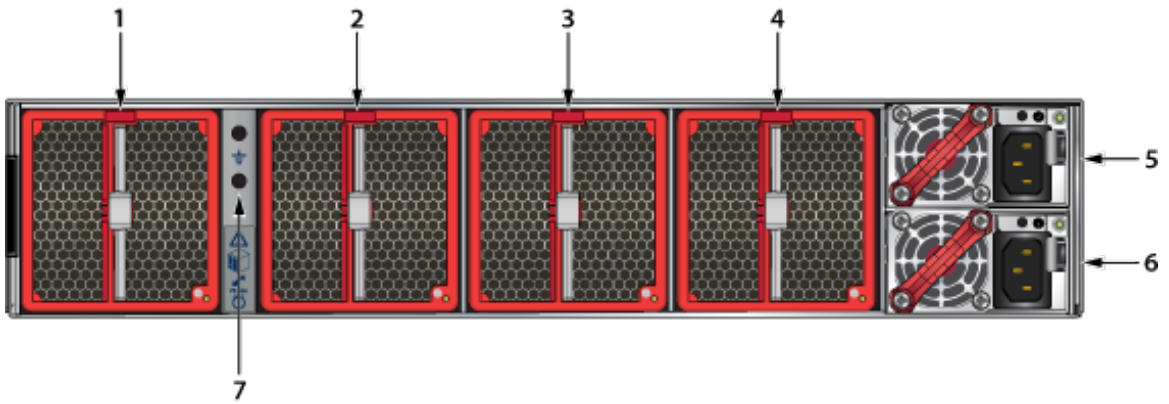
1	Fan module 1	4	Fan module 4	7	Earth grounding pad
2	Fan module 2	5	Power supply module 1		
3	Fan module 3	6	Power supply module 2		

Figure 53: Rear Panel with Separation Between Fans 1 and 2 (no ground)
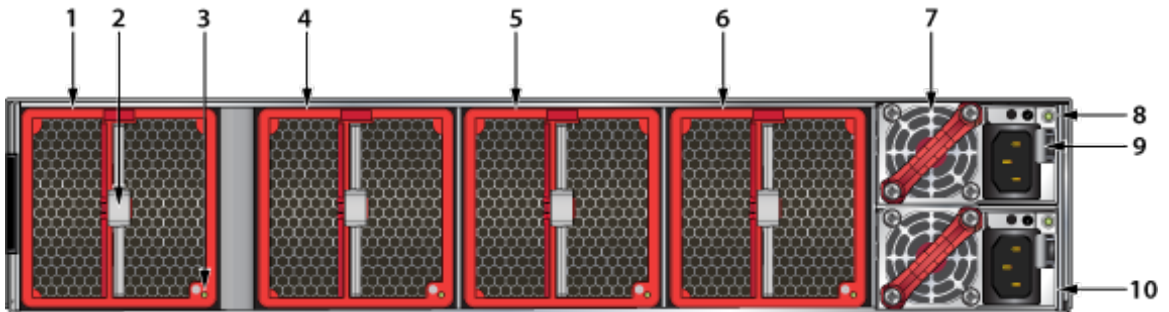
1	Fan Module 1	5	Fan Module 3	9	Release
2	Release	6	Fan Module 4	10	Power Supply Module 2
3	Status LED	7	Power Supply Module 1		
4	Fan Module 2	8	Status LED		

1. Bezel color indicates airflow direction.

Maintenance and Field Replacement

The following topics are covered in this section:

- Considerations
- Power Supplies

    - Removing a Power Supply
    - Installing a Power Supply
- Fan Modules

    - Removing a Fan Module
    - Installing a Fan Module

E.1 Considerations

Review the following considerations when installing the device.

- All fans and power supplies are hot swappable.
- The switch can be running while a power supply is being installed or removed, but the power supply being replaced must not be connected to a power source.
- All slots must be filled or covered with a blank for operation (even though power supply or fans may not be functional).
- Before you begin, refer to the **Arista Networks document Safety Information and Translated Safety Warnings** available at: https://www.arista.com/en/support/product-documentation.

    > **Note:** Descriptions for the removal and replacement of power supplies and fans are for a representative power supply or fan. Locations of status indicator LEDs may differ. Refer to the front and rear panel illustrations of your device to locate the appropriate LED.

E.2 Power Supplies

The following steps are required when removing power supplies from a switch.

> **Note:** Only a representative power supply module is shown in Figure 54: Removing and Installing Power Supply. For the location of the power supply on your switch, refer to Rear Panel.

E.2.1 Removing a Power Supply

1. Ground yourself with an ESD wrist strap.
2. Power down the power supply to be removed by disconnecting the AC power cable.

3. Push the power supply release lever and remove the power supply Figure 54: Removing and Installing Power Supply.

Figure 54: Removing and Installing Power Supply
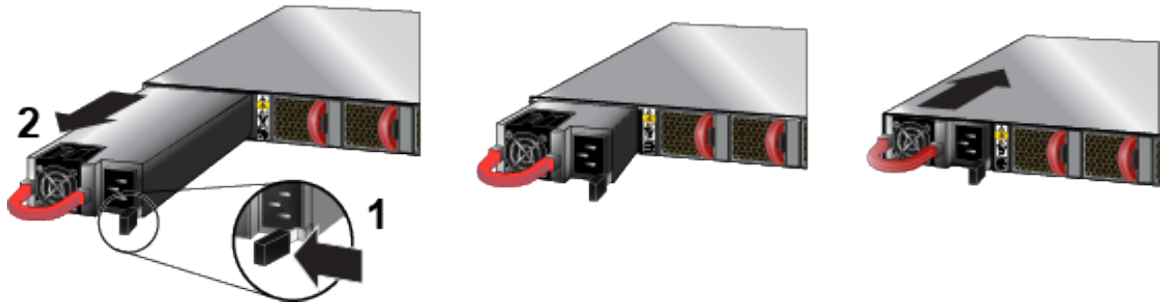
1 Release lever

2 Remove PSU

E.2.2 Installing a Power Supply

You must make space for installing the power supply by removing an existing one Removing a Power Supply.

1. Remove the replacement power supply from its packaging.
2. Slide the new power supply into the empty slot.
3. Slide the new power supply into the switch until the power supply is fully seated and the release lever snaps into place Figure 54: Removing and Installing Power Supply.
4. Connect the power cord to the power supply.
5. Verify the LEDs on the power supply.

> **Note:** The Power Supply status LED should be a steady green for normal operation.

6. Verify the new power supply operation by issuing the show environment power command.

```
switch#show environment power
```

7. The output of the command will list the power supplies in operation and should include the one you replaced.

E.3   Fan Modules

> **Note:** Hot swap fans within 30 seconds to prevent the switch from overheating. Ensure that the module you are replacing matches those already installed in the switch.

E.3.1   Removing a Fan Module

The following steps are required when removing or replacing fans from a switch.

> **Note:** Only a representative fan module is shown in Figure 55: Removing Fan Module. For the location of the fan modules on your switch, refer to Rear Panel.

1. Ground yourself with an ESD wrist strap.

2. Push the fan module release lever and slide the fan module out of the switch.

Figure 55: Removing Fan Module
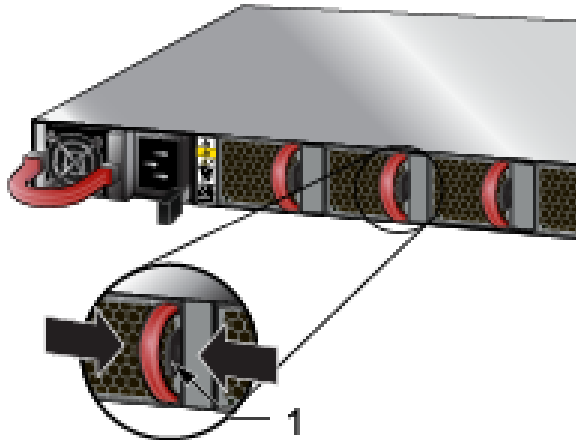
1 Release lever

E.3.2   Installing a Fan Module

You must make space for installing the fan module by removing an existing one.

1. Remove the replacement fan from its packaging.
2. Slide the new fan module into the switch until the module is fully seated and the release lever snaps into place (Figure 56: Inserting Fan Module).

Figure 56: Inserting Fan Module
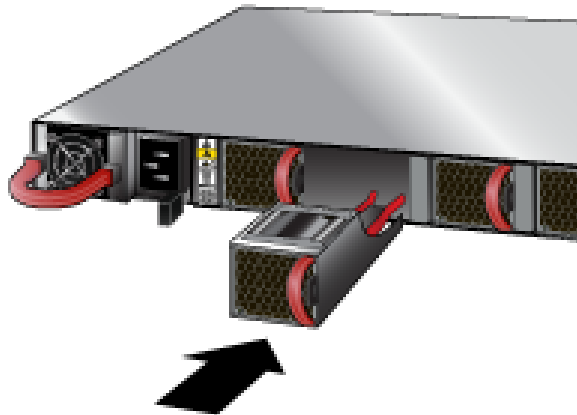
3. Verify that the fan module is working normally.

> **Note:** The fan module status LED should be a steady green for normal operation.

Regulatory Model Numbers

This appendix lists the Regulatory Model Numbers (RMNs), where applicable, for the product models for the switches described in this document.

Table 14: Regulatory Model Numbers and Product Numbers

Regulatory Model Number (RMN)	Product Number(s)
AN1708	DCS-7280PR3-24, DCS-7280PR3K-24
AN1730	DCS-7280DR3-24, DCS-7280DR3K-24
AN1715	DCS-7280CR3-32P4, DCS-7280CR3K-32P4, DCS-7280CR3K-32P4A
AN1731	DCS-7280CR3-32D4, DCS-7280CR3K-32D4, DCS-7280CR3K-32D4A
AN1742	DCS-7280CR3-36S, DCS-7280CR3K-36S, DCS-7280CR3K-36A
AN1718	DCS-7280CR3-96 DCS-7280CR3K-96
AN1728	DCS-7280SR3-48YC8, DCS-7280SR3K-48YC8, DCS-7280SR3K-48YC8A
AN1741	DCS-7280SR3-40YC6, DCS-7280SR3E-40YC6
AN1760	DCS-7280DR3A-36, DCS-7280DR3AM-36, DCS-7280DR3AK-36
AN1770	DCS-7280DR3A-54, DCS-7280DR3AM-54, DCS-7280DR3AK-54
AN1743	DCS-7280TR3-40C6
AN1779	DCS-7280CR3A-24D12, DCS-7280CR3AM-24D12, DCS-7280CR3AK-24D12
AN1782	DCS-7280CR3A-48D6, DCS-7280CR3AM-48D6, DCS-7280CR3AK-48D6
AN1788	DCS-7280CR3A-72, DCS-7280CR3AM-72, DCS-7280CR3AK-72

Appendix G

Taiwan RoHS Information

This appendix provides Taiwan RoHS information for switches covered by this guide.

For Taiwan BSMI RoHS Table, go to https://www.arista.com/assets/data/pdf/AristaBSMIRoHS.pdf.