

Sliding Rail Kit Instructions

This document describes how to install an optional DX1 Sliding Rail Kit onto a SnapServer DX1 from Overland Storage, replacing the standard fixed brackets.

WARNING: To reduce the risk of electric shock or damage to equipment, always remove any power cords while working with the unit.

AVERTISSEMENT: Pour réduire le risque de choc électrique ou endommagement de l'équipement, retirez toujours les cordons électriques en travaillant avec l'appareil.

CAUTION: While working with the unit, observe standard Electrostatic Discharge (ESD) precautions to prevent damage to micro-circuitry or static-sensitive devices.

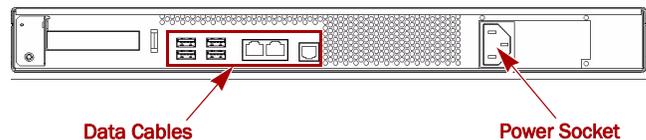


Prepare the Unit

NOTE: If this is a new SnapServer that has not yet been installed into a rack, go to the "Attach the Rails" section.

Power Off and Disconnect

1. Power off the unit using **Web Management Interface**.
Select System Maintenance > Reboot and Shutdown > Shutdown.
2. When all the LEDs are off, disconnect the **power cord**.
3. Disconnect all **data cables** from the unit.



Remove the Bezel

Carefully take hold of the front bezel and pull straight out from the appliance until the magnets release. Set it aside.



Remove the Drives

IMPORTANT: Overland recommends that you remove the drive assemblies to lessen the unit's weight prior to removal. The assemblies must be reinstalled in the same slots when done.

NOTE: Do not remove the disk drives from their carriers. Doing so voids the drive warranty.

This process applies to both drive assemblies and blanks:

1. Press the release **button** on the right side of the carrier.
2. Using the **handle**, pull the assembly out.
3. Set the **assembly** on an ESD-safe surface.
4. Repeat **Steps 1–3** for **each** remaining carrier.

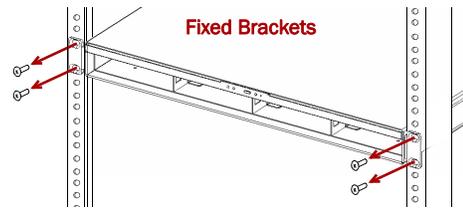


Remove Unit from Rack

WARNING: It is recommended that a mechanical lifter (or at least two people) be used during rack installation or removal to prevent injury.

AVERTISSEMENT: Pour éviter toute blessure il est recommandé qu'un monte-charge (ou deux personnes au moins) soit utilisé lors de l'installation ou de l'enlèvement du support.

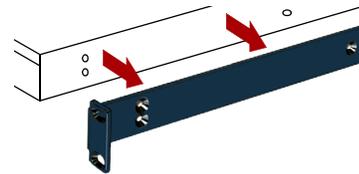
1. Remove and retain the **four screws** from the front flanges and move the unit onto the lifter.
2. Move the unit onto a secure **ESD-safe surface**.



Attach the Rails

Remove Fixed Brackets

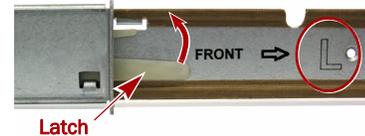
1. Facing the appliance, remove the three screws holding the **right-side** bracket to the chassis. Set the bracket aside.
2. Remove the three screws holding the **left-side** bracket, and set it aside.



Attach Inner Rails to Unit

NOTE: The inner rails are labeled "R" (right) and "L" (left).

1. Select a **rail assembly** and slide the inner rail out until it stops.
2. Press the **release latch** and remove the inner rail.
3. Repeat **Steps 1–2** for the **other rail assembly**.
4. Align the right inner rail (R) against the right side of the server with the side with the notches up.
5. Using the supplied **screws**, to secure the rail.
6. Repeat **Steps 4–5** for the **left-side rail (L)**.



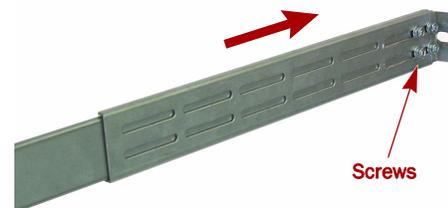
Size the Rails to Rack

The slide rails are adjustable to fit most racks. To determine if they need to be resized:

1. Measure the distance between the insides of the **front and rear** vertical rack rails.
2. Check that the outside distance between the outer rail **front and rear flanges** is the same as the rack.
3. If necessary, remove the four screws holding the outer rail **rear component**, slide it out the necessary distance, and reinstall the screws.

NOTE: For some racks, only two screws can be used due to the location of the slots. this does not impact the stability of the rails

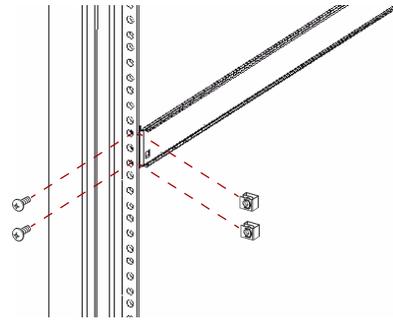
4. Repeat **Step 3** for the other rail.



Attach Outer Rails to Rack

The new rails should be attached to the same rack holes that the fixed bracket used.

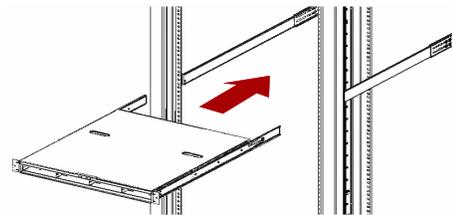
1. Position the **right-side rail** between the right vertical rack rails with the flanges on the **inside** edges.
2. At the rear, use **two screws** in the top and bottom holes to secure the rear rail flange to the rack.
3. At the front, use **two screws** in the top and bottom holes to secure the front rail flange to the rack.
4. For the **left-side rail**, repeat [Steps 1–3](#).



Reinstall the Chassis

Reinstall in Rack

1. Using the mechanical lifter, position the **appliance** in front of the rack.
2. Insert the **inner rails** into the **outer rails** and slide the unit into the rack.
3. Using the **two captive screws** on the inner rail, secure the SnapServer in the rack.



IMPORTANT: If this is a **new appliance install**, continue with the *SnapServer DX1 Quick Start Guide* instructions.

Install Drives

1. Position a **drive assembly** in front of an empty **slot**.
2. Slide the assembly in until the **latch** clicks, locking it in the slot.
3. Repeat [Steps 1–2](#) for **all** remaining drive carriers.

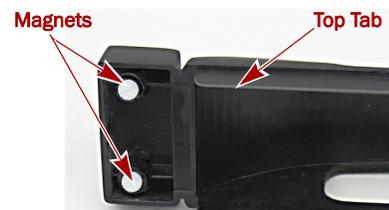


IMPORTANT: To maintain proper airflow and cooling, a drive assembly or a blank carrier must be installed in **every** slot. No empty slots are allowed.



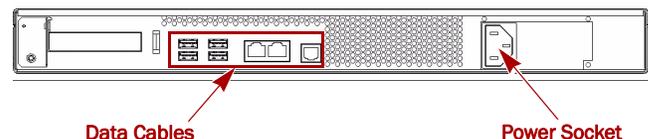
Attach the Bezel

1. Position the **bezel** with the top edge tabs aligned with the top slots located on the front of the appliance.
2. Move the bezel toward the appliance until the **magnets** make contact.
3. Verify that the bezel is **aligned** properly and that all the LEDs are visible.



Attach Cables and Power Cords

1. Reattach **all the cables** (except the power cord).
2. Attach the **power cord**.
3. At the front, press the **power switch** to power it on.



<http://support.overlandstorage.com>

You can get additional technical support on the Internet at the [Overland Storage Support web page](#), or by contacting Overland Storage using the information found on the [Contact Us](#) page on our web site.