

Add-on/Spare Disk Drive Instructions

This document describes how to add new disk drives to or replace an existing disk drive in a SnapServer XSR 40, XSR 120, or SnapExpansion XSR from Overland Storage. Drives are hot-swappable.

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

IMPORTANT: Because of the SnapServer hot-swap feature, it is not necessary to power down the unit to swap out this part.



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

Register the Add-on Drives

NOTE: If you are only replacing an existing drive, skip to the next section, "Remove the Front Bezel."

When **adding** new drives to your server, you must first register the drives to activate their warranty. Technical and warranty support are **not available** until this is done.

1. Go to the **Overland Storage** website at: <http://www.overlandstorage.com/>.
2. Select **Service & Support > My Products**.
3. At the **Site Login**, enter your **e-mail address** and **password**, and click **GO**.
4. Click the **Manage Products** button.
5. From the **Product Selector** drop-down list, select the **server** in which you are installing extra drives.
6. Click **Register New Product**.
7. Enter the drive **information**.
8. For each **additional** drive, click **Save & Add Another**, then repeat **Step 7**.
9. When **ALL** drives are registered, click **Save & Exit**.

NOTE: You'll receive a confirmation email to complete the process.

Remove the Front Bezel

1. Carefully take hold of the front **bezel** by the right and left flanges and pull straight out from the appliance until the retaining clips or magnets release.
2. Set the bezel aside on a **secure surface**.

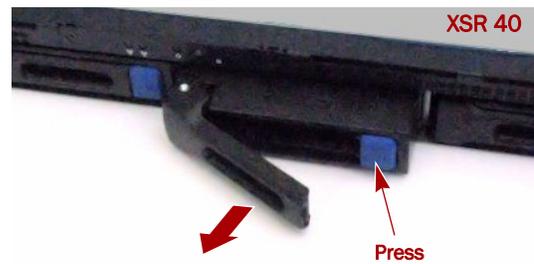
XSR 120



Remove Drives/Blanks

This process applies to both removing old drives that are being replaced and removing blank carriers in bays that will be used for new drives:

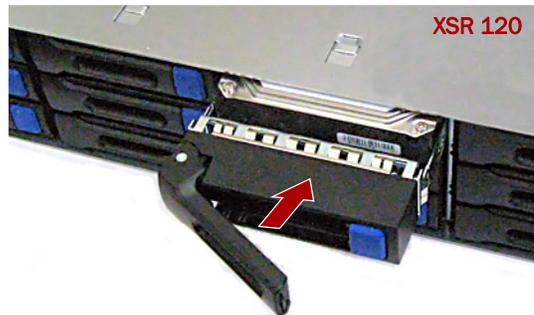
1. Press the release **button** on the right side of the carrier.
2. Using the **handle**, pull the carrier out.
3. Set it on a secure surface
4. Repeat [Steps 1–3](#) for **any** other drive/blank carriers.



Install New Drives

Install the drives one at a time either into the bay of the failed drive or, when adding drives, one of the empty bays:

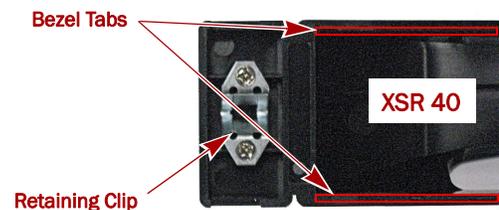
1. Position a **drive carrier** in front of its empty bay.
2. Slide in the **carrier** until it stops.
3. Push in the **latch** until it clicks (locks).
4. If required, repeat [Steps 1–3](#) for any **other carriers**.



IMPORTANT: To maintain proper airflow and cooling, a drive assembly or a blank drive carrier must be installed in every bay. No empty bays or gaps between drives are allowed.

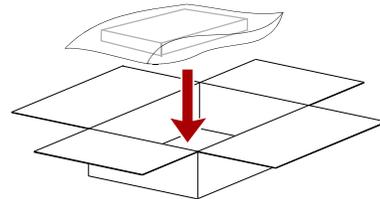
Reattach the Bezel

1. Position the **bezel** with the top and bottom tabs aligned with the slots on the front of the appliance.
2. Push the **bezel** onto the unit until the retaining clips or the magnets latch.
3. Verify that the LEDs are visible and the **bezel** is aligned.



Return Old Parts to Overland

1. Place the **defective drives** in the anti-static bag and put it in the replacement part's box.
2. Use an RMA to return the part to **Overland Storage**.
For return shipping details and RMA number, go to:
<http://docs.overlandstorage.com/return-instructions>



Activate New Drives

For details on activating any new drives in a XSR-Series unit, refer to the *SnapServer Administrator's Guide For GuardianOS 7.x* on replacing disk drives in the **Disks and Units** section.

That section covers both DynamicRAID and Traditional RAID configurations.



<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.