

NEO® 100s 1U Tape Library

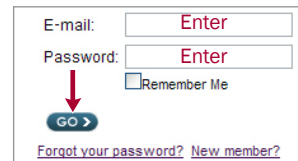


This Quick Start Guide is designed to be used with the NEO 100s (1U) tape library. It covers the unpacking, installation, and connection of the library. Setup and configuration information can be found in the NEO 100s *User Guide* located on the Overland web site.

Step 1

It is **essential** that you activate your warranty. Technical and warranty support are **not available** until the warranty is active:

1. Go to <http://www.overlandstorage.com/> and select **Service & Support > My Products**.
2. At the **Site Login**, enter your **e-mail address** and **password**, and click **GO**.
3. Click **Register New Product**.
4. Fill in the information (including serial number) and click **Submit**.



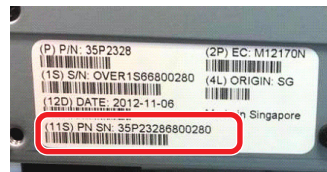
The serial number is located on the **rear** of the unit on the left side.



Enter "11S" followed by the core characters of the "11S" part/serial number:

Example: 11S35P23286800280

Your warranty certificate will be emailed to you. Follow the instructions included in the email to complete the registration process.



Step 2

The NEO 100s each come with a rack shelf kit for easy installation and securing of the library into a 19-inch (EIA-310) rack.

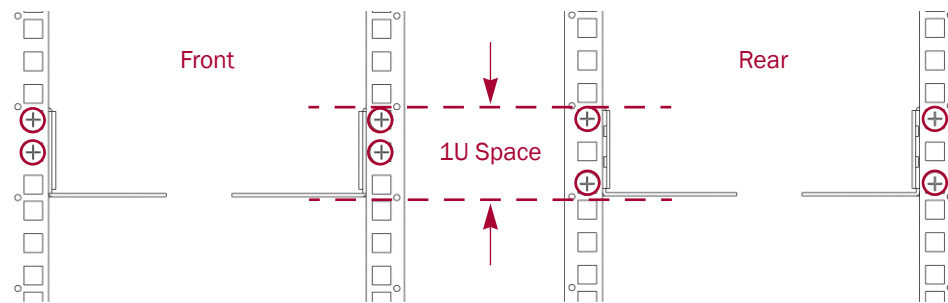
IMPORTANT: Two-post telco-style or other racks less than 29 inches in depth will NOT support this unit.

Install the Rack Rails

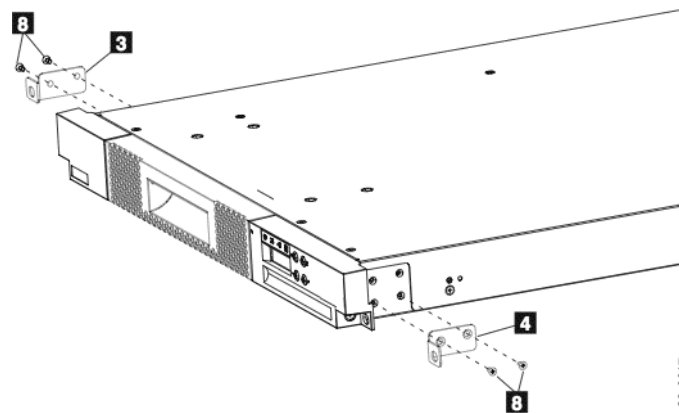
- WARNING:** Due to the weight of the appliance, it is recommended that at least two people be used to lift the unit out of the box to prevent injury.
- AVERTISSEMENT:** En raison du poids de l'appareil, il est recommandé d'utiliser deux personnes au moins pour soulever l'appareil hors de la boîte pour éviter les blessures.

1. Using two people, remove the **library** from its box and set it on a secure surface.

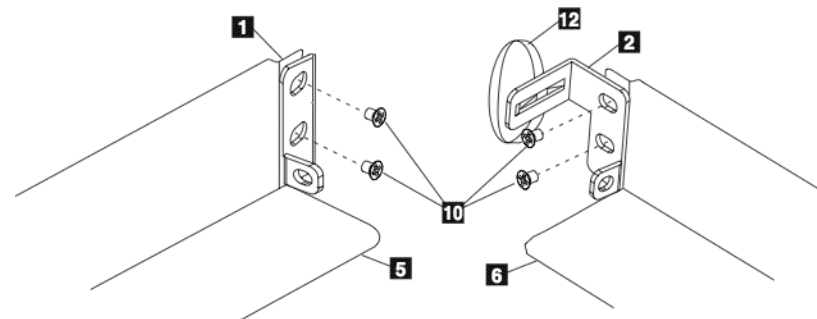
2. Determine the **location** in your rack for your library to be installed and, using a pencil, mark the location on both the front and rear vertical rails.



3. Attach the left **(3)** and right **(4)** **front brackets** to the front of the library chassis using two flat-head screws **(8)** on each side. Use the bottom two screw holes on each side.

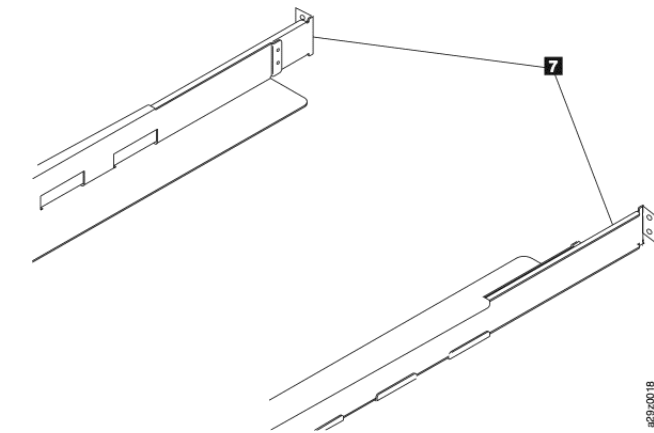


4. Attach the left **(1)** and right **(2)** **rear brackets** to the left **(5)** and right **(6)** front rails using two round-head screws **(10)** on each side.

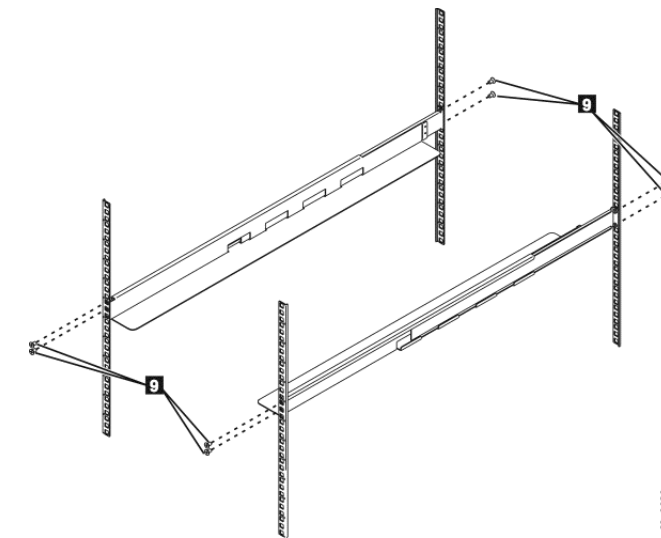


IMPORTANT: Do NOT tighten the rear bracket screws completely at this time to allow for adjustment during installation.

5. Run the hook and loop fastener strap **(12)** through the slot on the right rear bracket and attach it back upon itself.
6. Slide the **rear rails (7)** into the front rails from back to front, to create the rail assemblies. Ensure the flanges with the screw holes face outwards.



7. Install the **rail assemblies** into the rack. Ensure the three holes in the front of the unit align with the 1U space marked on the vertical rails in **Step 2**. Secure the rails to the rack using four flat-head screws **(9)** on each side of the rack. Use both of the two screw locations on the **rear** of the rack rail. Use the top and middle screw locations on the **front** of the rack rail.



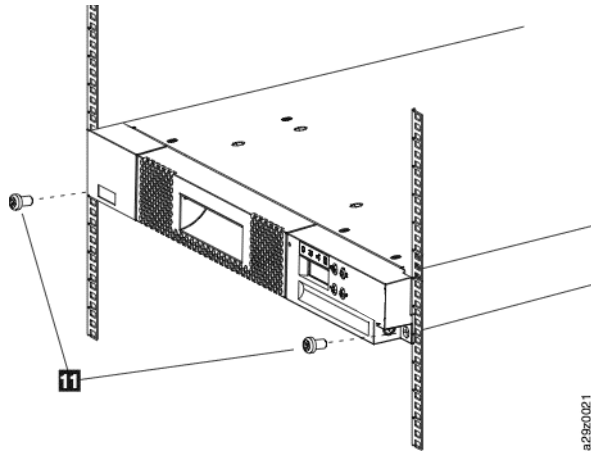
Step 3

Once the rails are secure, you are ready to insert the library into the rack.

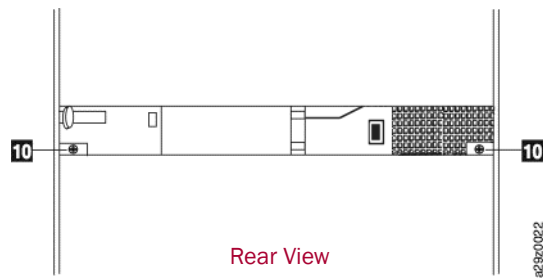
Install the Library into Rack

- WARNING:** It is recommended that a mechanical lifter (or at least two people) be used to raise and align the unit to prevent injury during installation. Use care when inserting or removing a unit into or out of a rack to prevent the accidental tipping of the rack, causing damage or personal injury.
- AVERTISSEMENT:** Afin d'éviter des blessures pendant l'installation, il est recommandé d'utiliser un monte-charge (ou au moins deux personnes) pour élever ou aligner l'appareil. Faites attention lorsque vous insérez ou retirez l'appareil d'un support, pour empêcher le déversement accidentel de la crémaillère causant des dommages et des blessures.

- Slide the library chassis into the rack. Secure the front of the library to the rack using the large black screws (11) in the bottom holes on each front bracket.




- Secure the rear of the library to the rack using a round-head screw (10) on each rear bracket.



- Tighten the other rear bracket screws on the rail to secure the library to the rack.

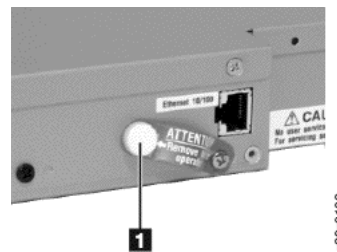
Step 4

Remove Shipping Lock


-  **IMPORTANT:** The shipping lock, which prevents the library accessor from moving during shipment, must be removed before the library is powered ON.

The shipping lock is held in place with a label and is located in the top center of the library.

- Unscrew the shipping lock (1).
- After the shipping lock is removed, allow it to hang attached to the label for future use.

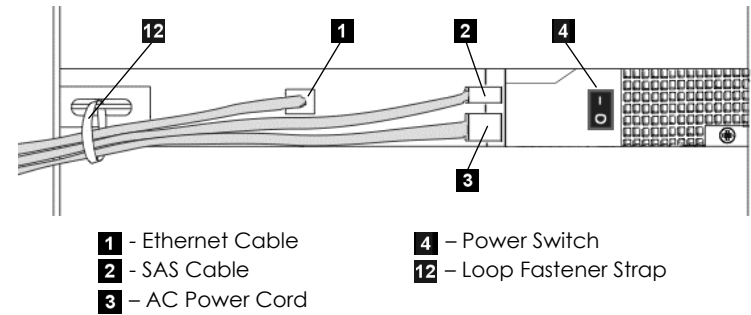


Cable Attachment

-  **CAUTION:** It is recommended that you shut down and turn OFF the associated server and turn OFF all attached devices. Remove the power cables from the server and all attached accessories. Failure to remove the power cords from these devices before connecting the host interface cable could result in damage to the NEO 100s library.

All cabling, power connections, and cooling are located on the NEO 100s rear panel.

- Run the SAS cable, power cord, and Ethernet cable through the hook and loop fastener strap (12), leaving enough slack to reach and attach to the corresponding connectors.



- Plug the Ethernet (1) and SAS (2) cables into their respective ports.
- Plug in the power cord (3).
- Tighten the loop fastener strap (12).
- Turn the Power switch (4) ON.

Step 5

User Guides

For detailed information on configuring your NEO, refer to the NEO 100s *Users Guide*. It is **available online** at:

<http://docs.overlandstorage.com/neo>

An electronic version of this Quick Start Guide is also available on the web page.



Verify Firmware & Drivers


Check online for the latest versions for the firmware and drivers for the NEO 100s tape library:

<http://docs.overlandstorage.com/neo>

If needed, the diagnostic tool with instructions for use is also available at the same site.



Warranty and Technical Support

-  **WARNING:** This device has more than one power cord. Disconnect ALL power supply cords before servicing.

-  **AVERTISSEMENT:** Cet appareil a plus d'une cordon d'alimentation. Débranchez TOUTES les cordons d'alimentation avant l'entretien.

For warranty and general technical support information, see our [Contact Us](http://www.overlandstorage.com/company/contact-us/index.aspx) web page:

<http://www.overlandstorage.com/company/contact-us/index.aspx>

For information on contacting Overland Technical Support, see our [Contact Support](http://docs.overlandstorage.com/support) web page:

<http://docs.overlandstorage.com/support>

To search for more service information, visit our [Expert Knowledge Base System](http://support.overlandstorage.com/kb):

<http://support.overlandstorage.com/kb>



NEO S-Series Accessories

NEO 100s libraries utilize LTO data cartridges, as well as LTO cleaning cartridges. Used in the design, test, and manufacture of your NEO 100s library, Overland LTO media provides superior data availability. Contact your Overland Storage sales representative to place your order for the desired media types and quantities. For the most current information, refer to the Overland Storage price list.

Description	Part Number
Ultrium LTO6 Data Cartridges, with Bar Code Labels	OV-LT0901605
Ultrium LTO5 Data Cartridges, with Bar Code Labels	OV-LT0901505
Ultrium LTO4 Data Cartridges, with Bar Code Labels	OV-LT0901405
Ultrium LTO Cleaning Cartridge	OV-LT0901999
LTO6 Bar Code Labels – 100 Data & 20 Cleaning	OV-LT0901012
LTO5 Bar Code Labels – 100 Data & 20 Cleaning	OV-LT0901011
LTO4 Bar Code Labels – 100 Data & 20 Cleaning	OV-LT0901008
NEO 100s Tape Cartridge Magazine	OV-NEO100sMAG