Installing Scientific Linux 7.6 for Olex

- To prepare make sure you have downloaded the following:

  - Scientific Linux 7.6 Auto-installer

  - The latest Olex version

  - Fedora Media Writer

  They can be found here:
  www.olex.no/download.html

- Use Fedora Media Writer and write the SL7.6_auto.iso file to an USB drive.

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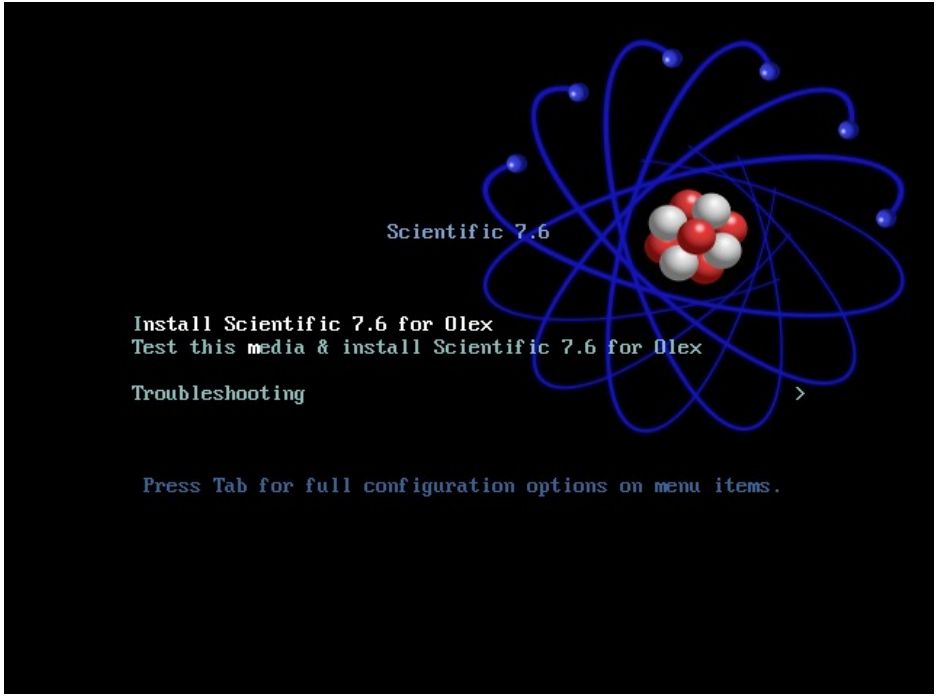
- Disable Secureboot and Fastboot in machine BIOS, if the machine is an Olex M3 do:

  Chipset → Onboard Device → Realtek LAN Controller → [Disabled]

- Boot from the USB drive created with Fedora Media Writer.
- Select Install Scientific 7.6 for Olex.



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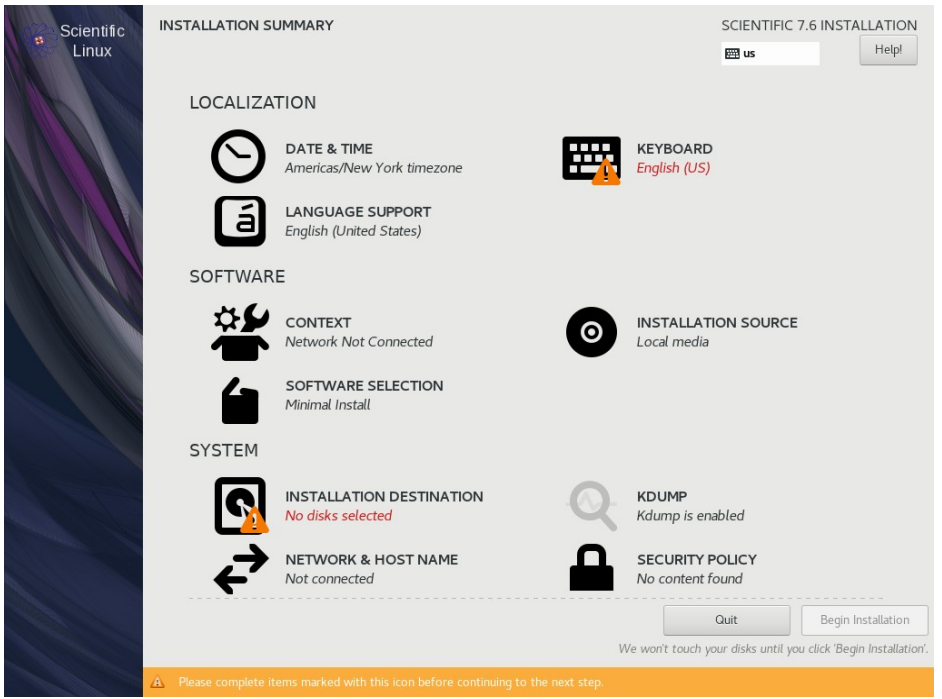
- The auto installer has configured most options.
- Keyboard layout and hard drive partitions need to be adjusted manually.
- Click



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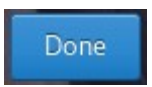
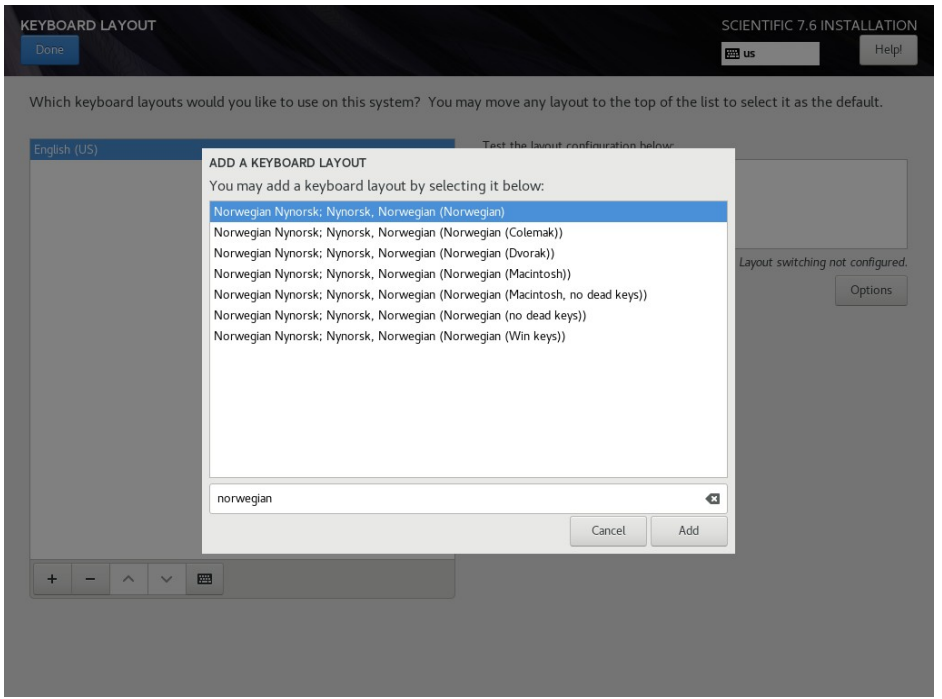
- To change the keyboard layout. select the default keyboard layout “English (US)” and click 
- You can then search for the desired keyboard layout.
- Select desired keyboard layout.
- Then click  and 



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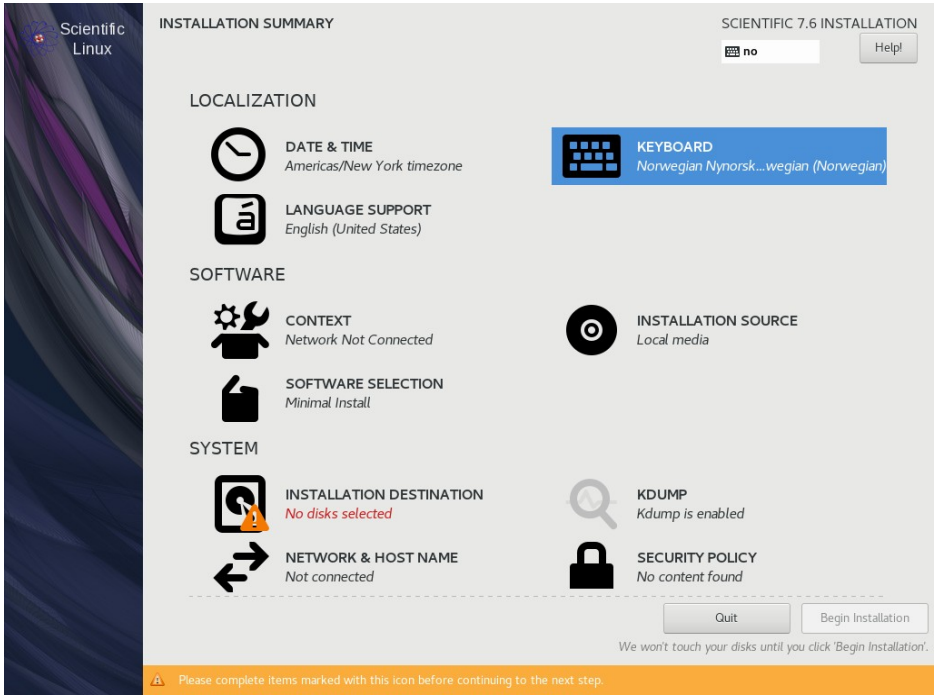
- Click 



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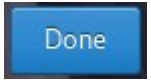
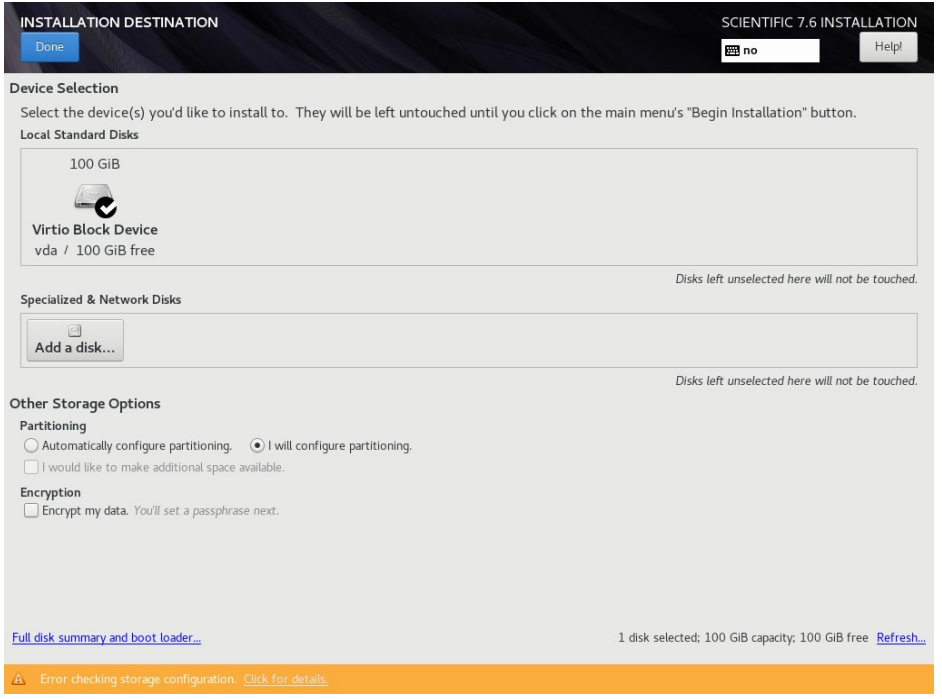
- Click 



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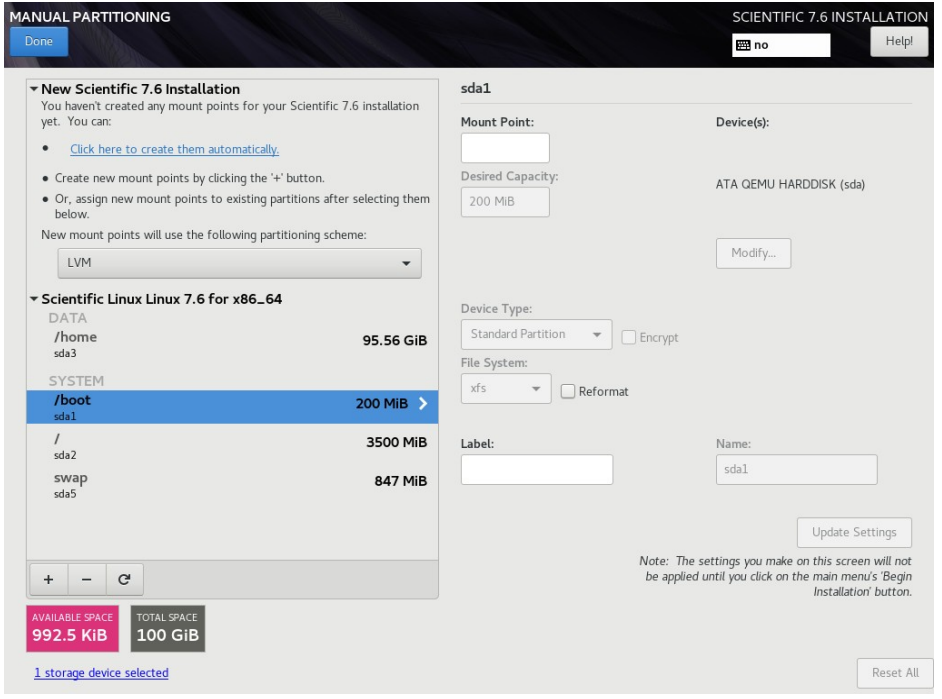
- If there is an existing operating system installed it should be removed to make space.
- Click on the installed operating system to view it’s partitions.
- Select one of the existing partitions that appeared and click 



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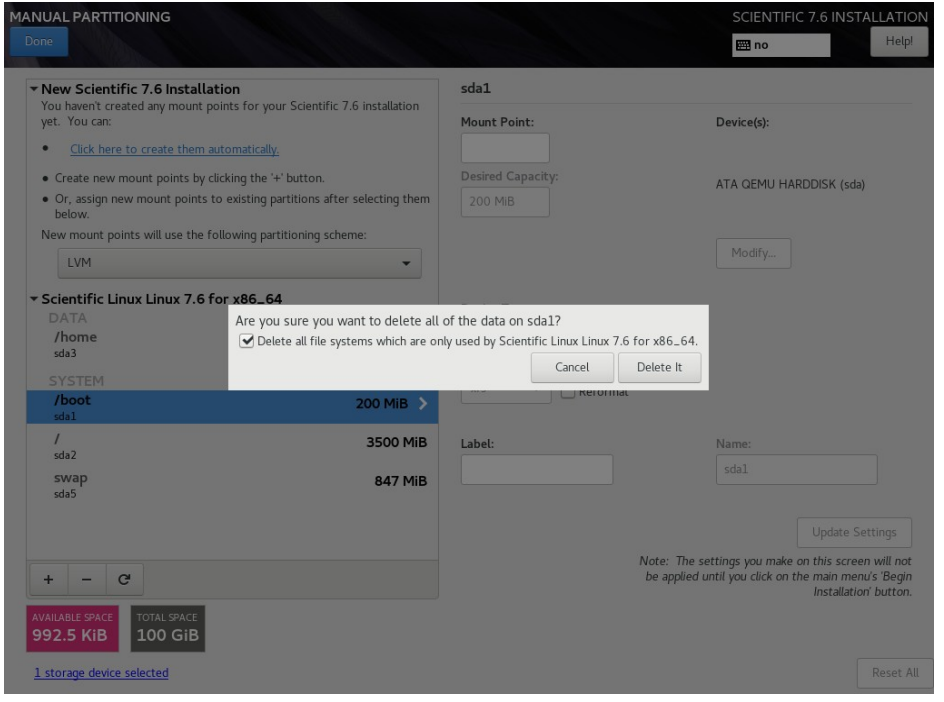
- Click the check box to delete all the old partitions.
- Click the Delete It button to confirm that all partitions used by the old installation should be removed.



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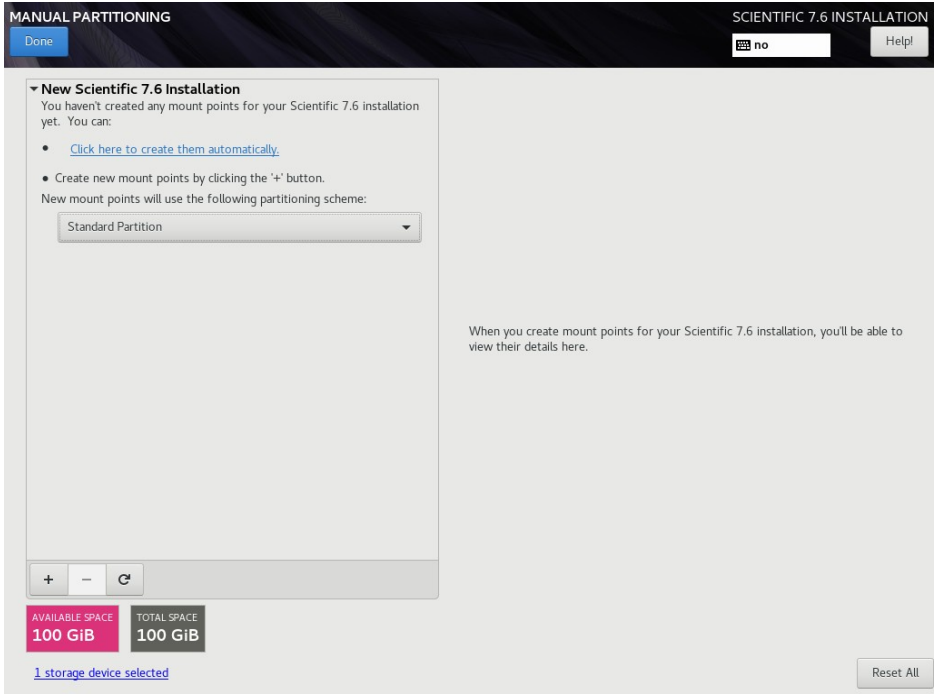
- Change from “LVM” to “Standard Partition” in the drop down menu.
- Click the blue link that says:

  Click here to create them automatically



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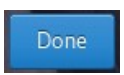
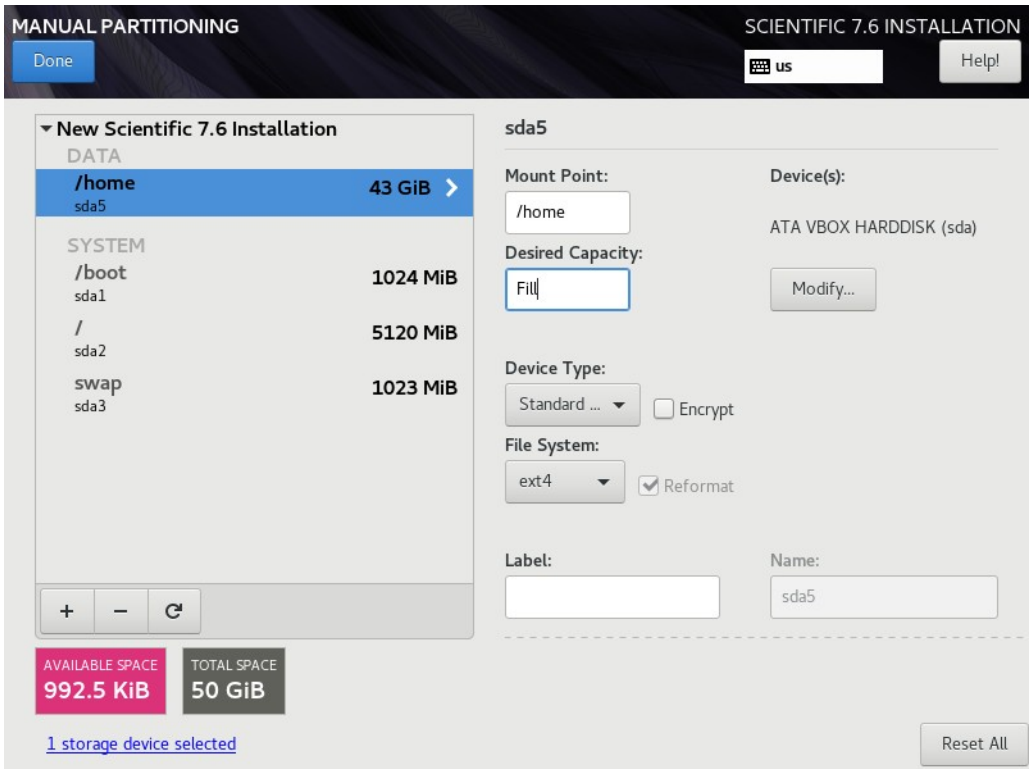
- NB: In this section only edit partitions mentioned. Partitions that were automatically created in the previous step that are not mentioned here should be left untouched.

- Select Mount Point / and set Desired Capacity to 5120 MiB and File System to ext4.
- Select the swap partition and set Desired Capacity to 1024 MiB.
- Select Mount Point /home and set Desired Capacity to “Fill” and File System to ext4. The /home partition will then extend to use the remaining space on the disk.
- Click 



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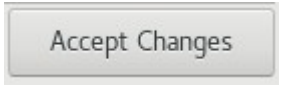
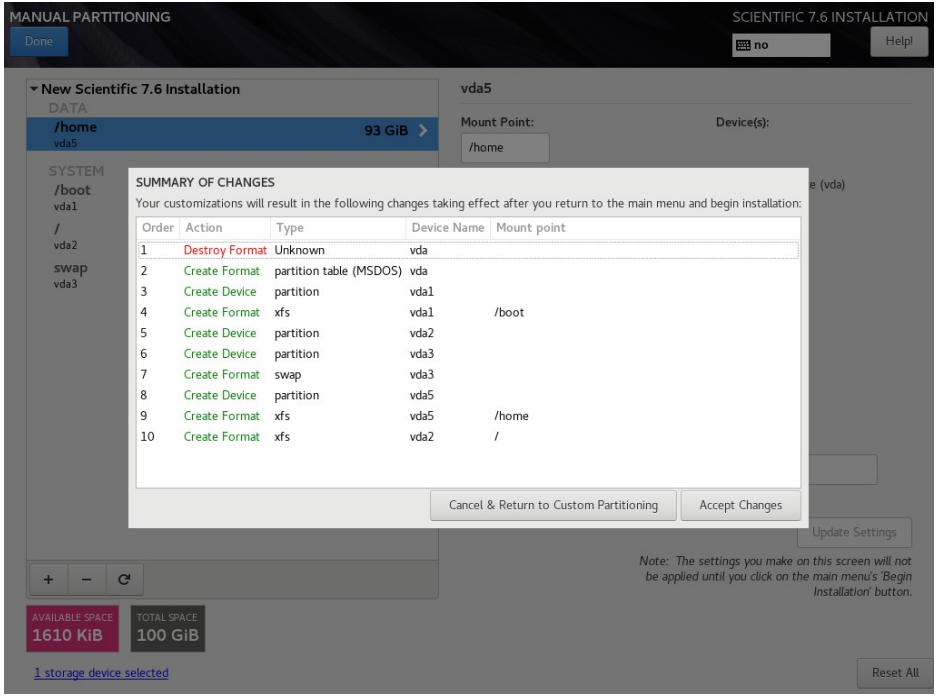
- A window will pop up asking us to confirm changes.

- Click 



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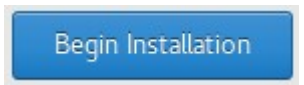
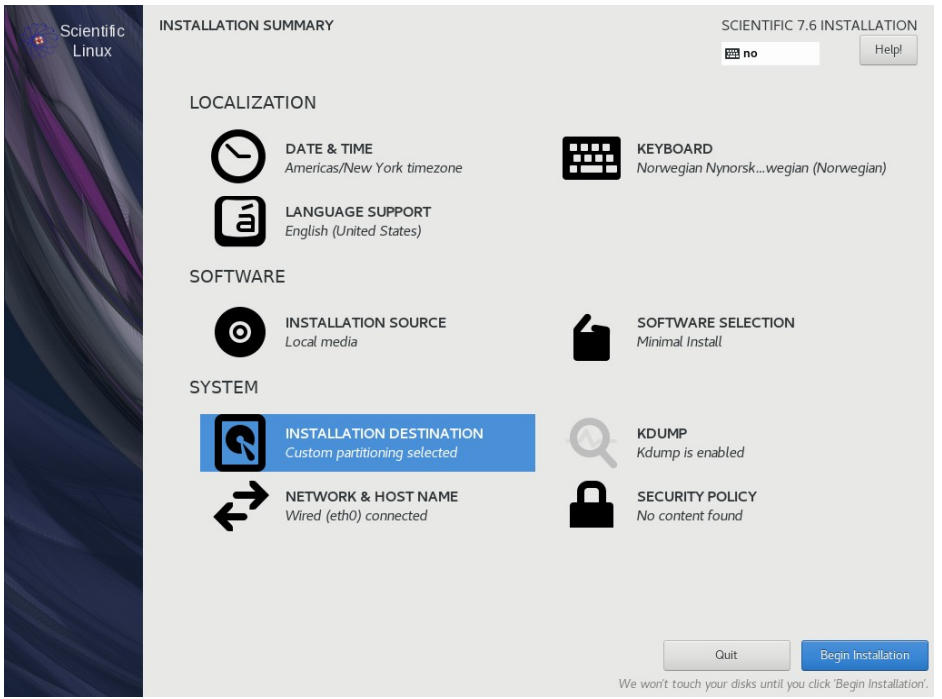
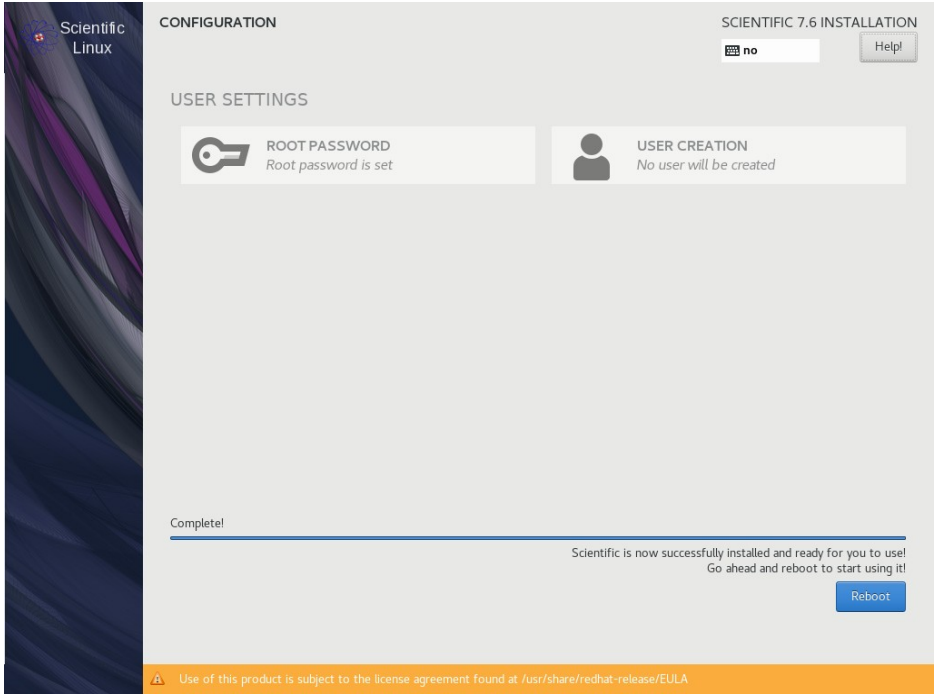
- Click 



Installing Scientific Linux 7.6 for Olex

- Installation is finished when you reach this screen. Click Reboot to reboot the machine.
- Wait until the machine has shut down before removing USB drive.



Installing Scientific Linux 7.6 for Olex

- Remove USB drive used for installing Scientific Linux if not already removed.
- Login to the system with the following credentials:

  ```
  olex login: root

  Password: fiskebat
  ```

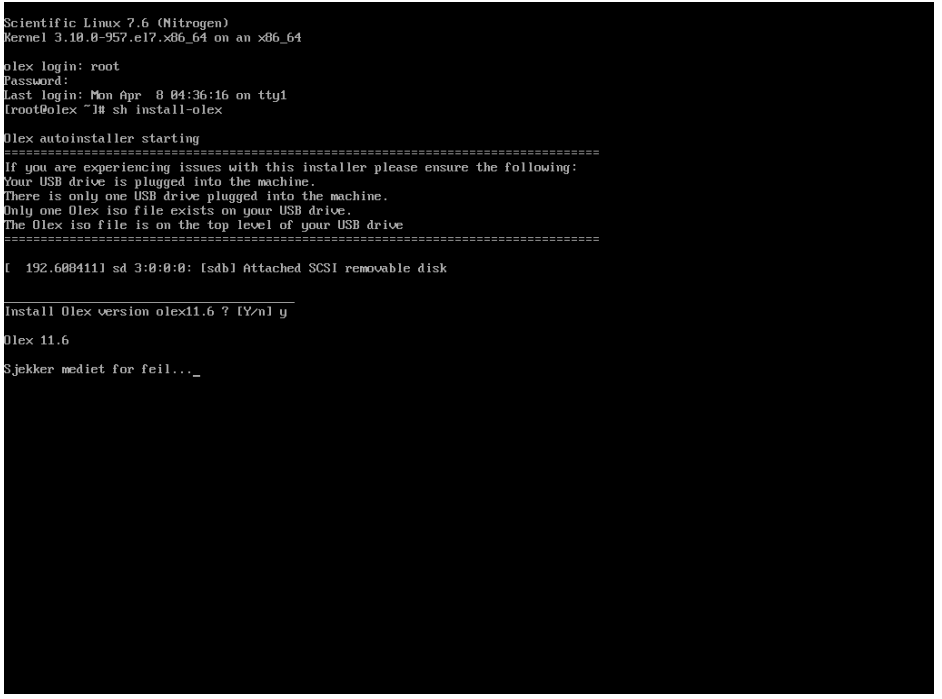
- The password will not be visible during input.

Installing Scientific Linux 7.6 for Olex

- Insert an USB drive with the latest Olex ISO file.
- Run command:

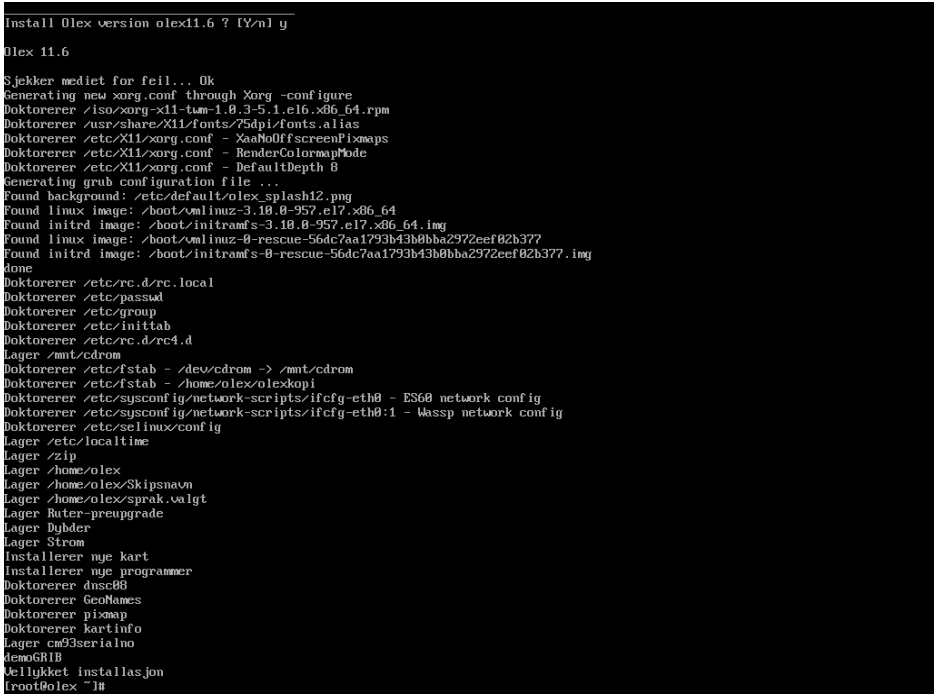
  `sh install-olex`

- You will be prompted to confirm installation. Press y and enter to confirm.



Installing Scientific Linux 7.6 for Olex

- The terminal will let us know if the installation was successful.
- Run command: `reboot` to restart the system.



Installing Scientific Linux 7.6 for Olex

- The system will reboot to this screen where you can plug in a USB drive and create an id file. Send the id file to olex@olex.no along with basic software and modules wanted. We can then create a software key for the system.