

AlmaLinux 9.5 and Olex – Installation guide

Download the installation file "AlmaLinux-9.5-x86_64-dvd.iso" from almalinux.org or olex.no.

Create a bootable USB-stick with the installation file, using the program "Fedora Media Writer", also available from olex.no

Go to the computers BIOS and make the following changes (if applicable):

- Deactivate secure boot.
- Turn off RAID and set SATA operation to AHCI.

Save and exit BIOS.

In the startup menu: Choose "Install AlmaLinux 9.5"

- Deactivate any redundant nettwork hardware.
- Set the USB stick with AlmaLinux 9 as first Boot Device
 - choose UEFI boot if available

Test this media & install AlmaLinux 9.5	
Troubleshooting>	

WELCOME TO ALMALINUX 9.5

What langguage would you like to use during the installation process?

"English" (always)

"Continue" lower right corner

العربية Arabic English (United Kingdom)
English English > English (India)	
Français French English (Australia)	
Deutsch German English (Canada)	
日本語 Japanese English (Ireland)	
中文 Mandarin Chinese English (New Zealand)	
Русский Russian English (Nigeria)	
Español Spanish English (Hong Kong SAR	China)
Afrikaans Afrikaans English (Philippines)	
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অসমীয়া Assamese English (Zambia)	
Asturianu Asturian English (Zimbabwe)	
Беларуская Belarusian English (Botswana)	
Български Bulgarian English (Antigua & Barbu	da)
বাংলা Bangla English (Israel)	
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🖏 AlmaLinux

ALMALINUX 9.5 INSTALLATION

🖾 us

Help!

INSTALLATION SUMMARY

LOCALIZATION

"Keyboard"

KEYBOARD LAYOUT

Remove existing layout by clicking on it's name and then [-]

A new list appears.

Choose layout according to your keyboard.

"Done" upper left corner.



INSTALLATION SUMMARY INSTALLATION SUMMARY ALMALINUX 9.5 INSTALLATION Selfand AlmaLinux 📟 no Help! SOFTWARE "Software Selection". LOCALIZATION SOFTWARE SYSTEM Installation Destination Installation Source Local media Keyboard Language Support Software Selection KDUMP Kdump is enabled Time & Date Connected: enp0s3 Security Profile USER SETTINGS Root Password User Creation No user will be create Quit Begin Installation We won't touch your disks until you click 'Begin Installation' Please complete items marked with this icon before continuing to the next step.

SOFTWARE SELECTION

Base Environment

Workstation

Additional software for Selected Environment

- Legacy UNIX Compatibility
- Graphical Administration Tools

"Done" upper left corner.



INSTALLATION SUMMARY

SYSTEM

"Installation Destination"



INSTALLATION DESTINATION

Storage Configuration

• Custom

"Done" upper left corner.



MANUAL PARTITIONING

New mount points will use the following partitioning scheme

Choose from the drop down menu: "Standard Partition"

"Done" upper left corner.



Note that the file system "Iso 9660" represents the installation media, and can not be removed.

Confirm.



Create new partitions by clicking [+]

The following partitions ar required:

Mount point :	Size:	File System:		
/	10000	ext4		
/boot/efi (or biosboot)	1 (showing 50 MiB)	Leave as is		
swap	2048	Leave as is		
/home	Leave empty	ext4		

"Done" upper left corner

A new window appears "Summary of Changes": Accept changes







After the first reboot the AlmaLinux screen will appear.

Do not start setup!

Press Ctrl + Alt + F3 on your keyboard to enter text mode.



Download the latest Olex version from www.olex.no.

Save the Olex file to a USB stick and connect the stick to one of the computer's USB ports.

localhost login: root

Password: fiskebat (the password will not show while typing)

To find the device name of the USB-stick, use the following command:

fdisk -l

The USB stick are usually a single FAT32 file system, with a name like "/dev/sda1" or "/dev/sdb1".

In the following description "/dev/sdb1" is used as an example of device name, and "olex17.0.iso" as an example of the latest Olex-version.

AlmaLinux 9.5 (Teal Serval) Kernel 5.14.0-583.11.1.el9_5.x86_64 on an x86_64

Activate the web console with: systemctl enable -- now cockpit.socket

localhost login: root Password: Last login: Thu Jan 2 00:00:03 on tty3 Lroot0localhost 73# fdisk -1 Disk /devsda: 238.47 GH2, 256060514304 bytes, 500118192 sectors Disk model: TS2566S5D4208 Units: sectors of 1 * 512 = 512 bytes Sector size (logical/physical): 512 bytes / 512 bytes L/O size (minimum/optimal): 512 bytes / 512 bytes Disklabel type: gpt Disk identifier: 37809671-7908-4EB0-B3C9-E3BAC1B022770

listem
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Disk /deu/sdb: 29.3 61B, 31457288888 bytes, 61448888 sectors Disk model: USB DISK Units: sectors of 1 * 512 = 512 bytes Sector size (logical/physical): 512 bytes / 512 bytes I/0 size (minimum/optimal): 512 bytes / 512 bytes Disklabel type: dos Disklabel tipe: dos

Device Boot Start End Sectors Size Id Type /dev/sdb1 * 64 61439999 61439936 29.3G b W95 FWT32 [root@localhost ~1# Perform the following commands:

mount /dev/sdb1 /media

mkdir /iso

ls /media

The above will show the name of the Olex version on the USB stick, which is the file to be mounted in the next step.

mount /media/olex17.0.iso /iso

Disregard the warning "device write-protected, mounted read-only"

/iso/installer

Successful installation!

reboot

After reboot the system should come up with an Olex like screen.

To aktivate the system as Olex or Lino a software key is needed.

Software keys are made by Olex AS individually for each system, based on a unique hardware id from each computer.

The id hardware id can be saved to a USB stick, and sent as attachement to an email with any key order.

[root@localhost ~]# mount /dev/sdb1 /media/ [root@localhost ~]# ls /media/ olex17.0.iso [root@localhost ~]# mkdir /iso [root@localhost ~]# mount /media/olex17.0.iso /iso mount: /iso: WARNING: source write-protected, mounted read-only. [root@localhost ~]# /iso/installer_

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