

Running UR offline simulator in VirtualBox

Download UR Sim Lubuntu Image

1. Download the **URSim system image**
2. **unzip it! if you get an error, download 7zip under WINDOWS**
3. **for MAC users please download the already unzipped files from Sciebo**

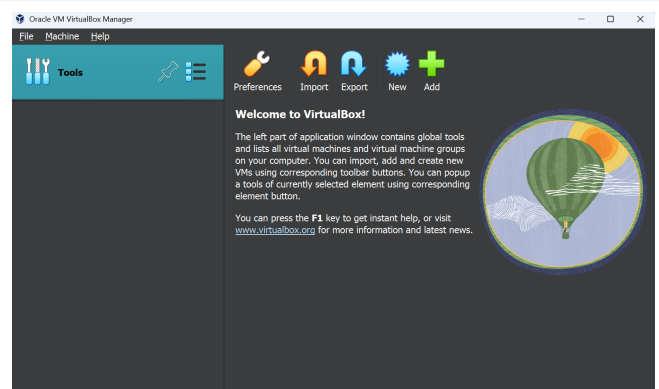
Install virtualBox

1. Visit VirtualBox **download page**, choose your operating system and download virtual box
2. Click the downloaded executable
3. click 'next' in the setup wizard until it's installed

Setup the virtual machine inside virtualBox

open VirtualBox

click on 'New' to open the dialogue to configure a new virtual machine

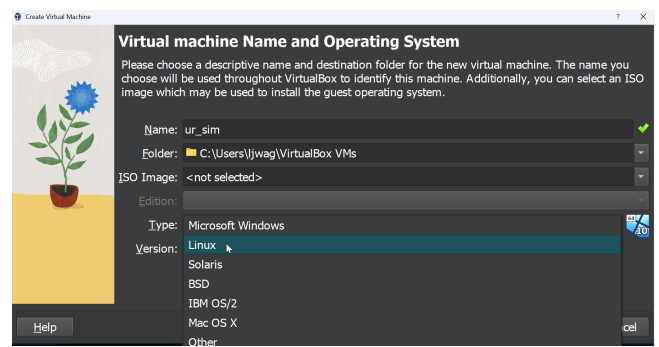


use the following settings:

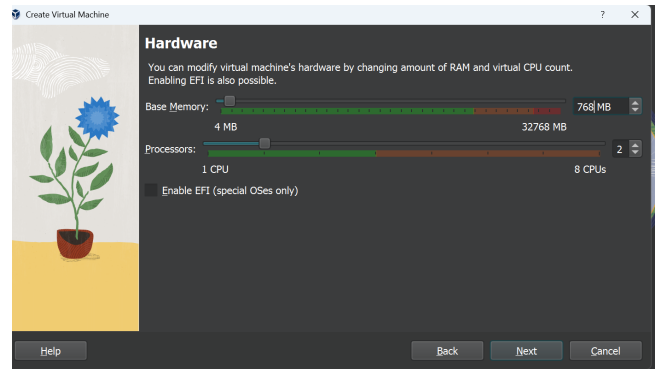
give a name to your virtual machine

don't select an ISO image

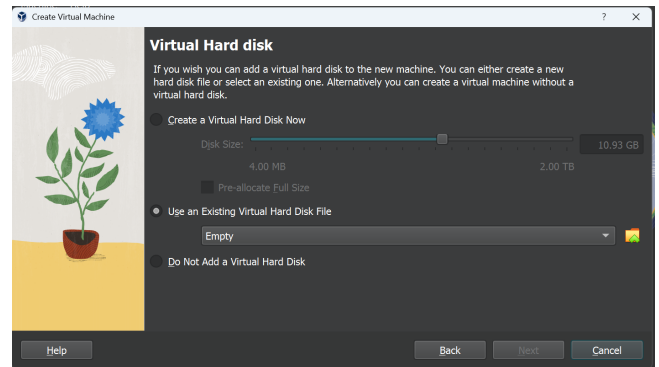
choose 64bit Linux as the 'Version'



3. Select Memory size of 768 MB and press 'Next'



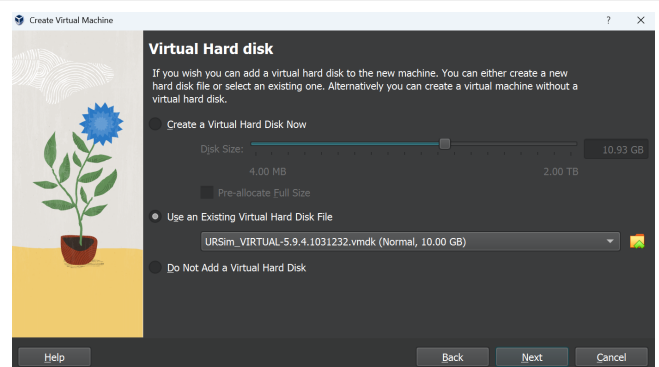
click on 'Use an Existing Virtual Hard Disk File'




from the folder containing the extracted files, choose the first one:

Name	Date modified	Type	Size
URSim_VIRTUAL-5.9.4.1031232.vmdk	10/21/2020 2:35 PM	Virtual Machine Disk ...	1 KB
URSim_VIRTUAL-5.9.4.1031232-s001.vmdk	10/21/2020 2:35 PM	Virtual Machine Disk ...	1,266,816 KB
URSim_VIRTUAL-5.9.4.1031232-s002.vmdk	10/21/2020 2:35 PM	Virtual Machine Disk ...	655,680 KB
URSim_VIRTUAL-5.9.4.1031232-s003.vmdk	10/21/2020 2:35 PM	Virtual Machine Disk ...	307,776 KB
URSim_VIRTUAL-5.9.4.1031232-s004.vmdk	10/21/2020 2:35 PM	Virtual Machine Disk ...	171,648 KB
URSim_VIRTUAL-5.9.4.1031232-s005.vmdk	10/21/2020 2:35 PM	Virtual Machine Disk ...	240,256 KB
URSim_VIRTUAL-5.9.4.1031232-s006.vmdk	10/21/2020 2:35 PM	Virtual Machine Disk ...	64 KB

click 'next'





Virtual machine Name and Operating System

Please choose a descriptive name and destination folder for the new virtual machine. The name you choose will be used throughout VirtualBox to identify this machine. Additionally, you can select an ISO image which may be used to install the guest operating system.

Name:

Folder:


ISO Image:

Edition:

Type:

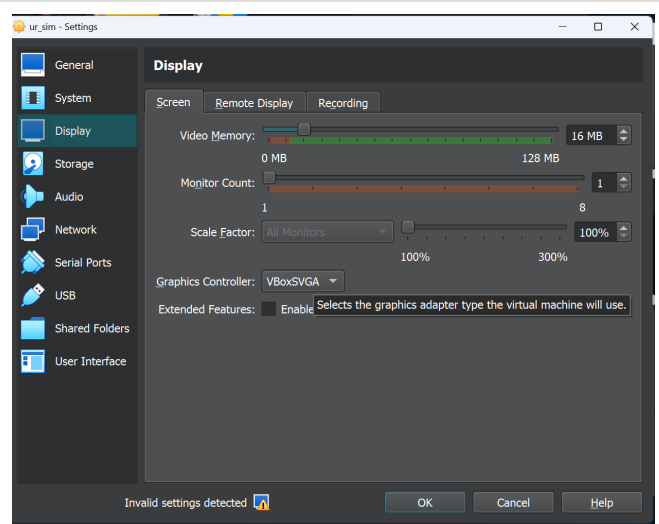
Version:

☐ Skip Unattended Installation

 No ISO image is selected, the guest OS will need to be installed manually.

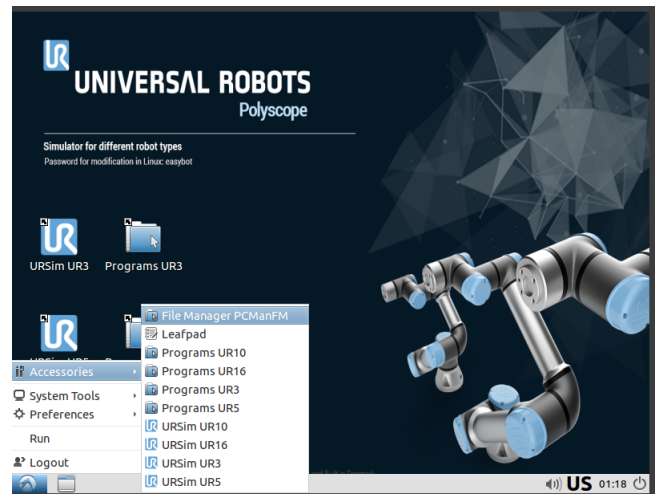
configure Lubuntu UR Sim to start Polyscope in the right resolution

1. go to the ⚙️ settings and open the dialogue
2. in the settings go to display 🖥️ and change the Graphics Controller to VBoxSVGA

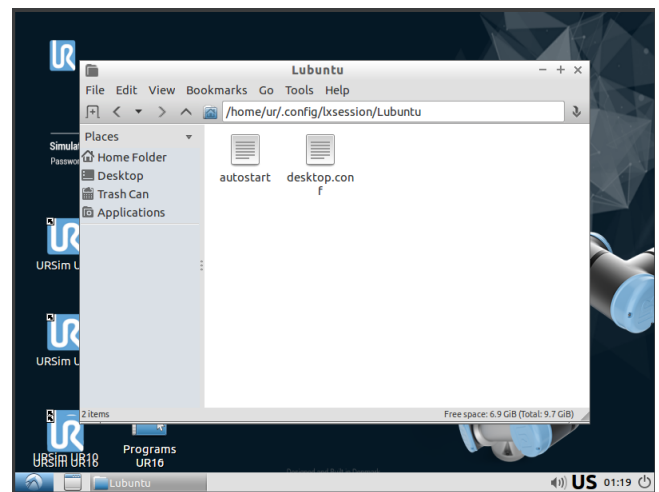


open VirtualBox

In the left corner click the icon
choose File Manager



inside File Manager navigate to
`/home/ur/.config/lxsession/Lubuntu`
double click on the file named 'autostart'

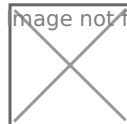


add the following line:

```
xrandr -s 1536x864 -r 60
```

click file --> save or ctr+s

image not found or type unknown



click on the icon on the right bottom corner

click on 'reboot'

