

# Instalacion en VirtualBox con imagen installXX.fs

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## Guia probada con VirtualBox 6.0 en Linux x64

Para poder usar la imagen .fs en vez del .iso para CD cambiamos algunas cosas:

- creamos un descriptor del disco para virtualbox
- montamos la imagen como un disco SATA
- activamos UEFI

## Descargar imagen

Descargar installXX.fs [amd64] desde <https://www.openbsd.org/faq/faq4.html#Download>

Que en la version actual 6.5 seria <https://cdn.openbsd.org/pub/OpenBSD/6.5/amd64/install65.fs>

## Crear disco virtual (.vmdk) para VirtualBox

Es un wraper del archivo install65.fs.

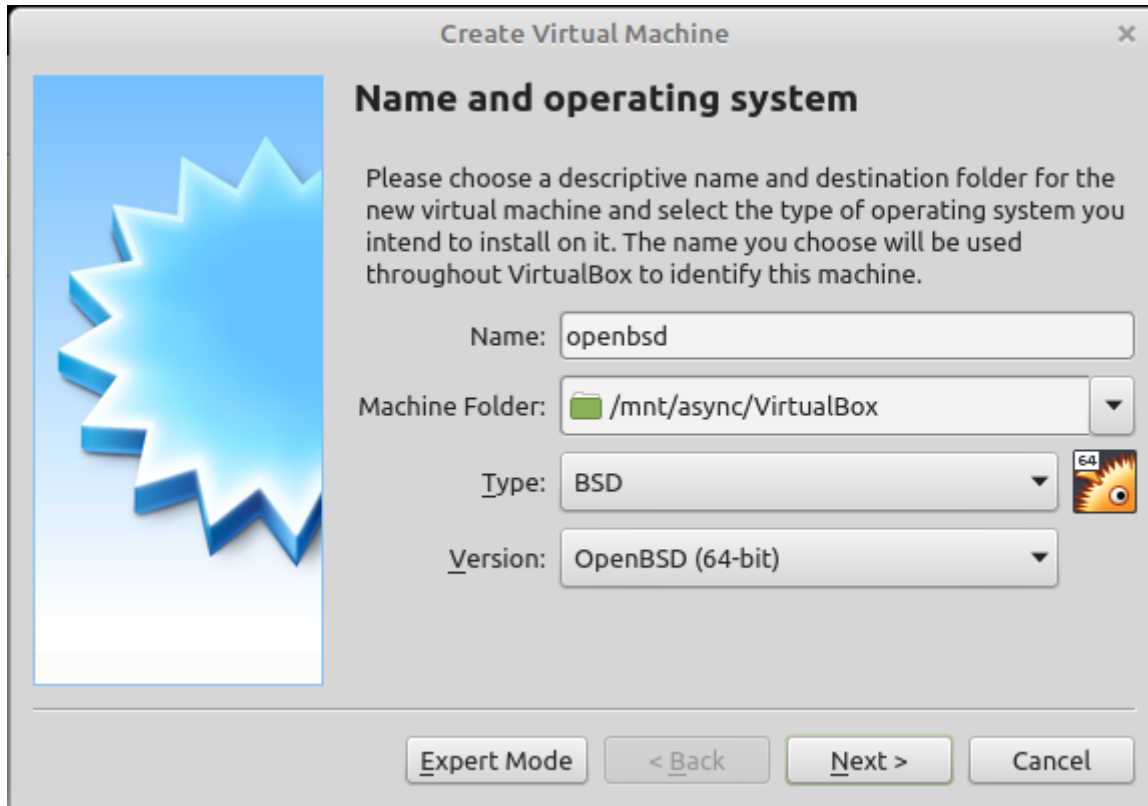
Mas info en <https://www.virtualbox.org/manual/ch09.html>

```
vboxmanage internalcommands createrawvmdk -filename ~/install65.fs.vmdk -rawdisk ~/Downloads/install65.fs
```

## Crear Maquina Virtual



Casi como cualquier otra: New, nombre, ram...



The image shows a 'Create Virtual Machine' dialog box from Oracle VM VirtualBox. On the left is a blue starburst graphic. The main area is titled 'Name and operating system' and contains instructions: 'Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.' Below this are four input fields: 'Name' with the text 'openbsd', 'Machine Folder' with the path '/mnt/async/VirtualBox', 'Type' with the dropdown 'BSD', and 'Version' with the dropdown 'OpenBSD (64-bit)'. To the right of the 'Type' dropdown is a small icon of a sun with the number '64' above it. At the bottom are four buttons: 'Expert Mode', '< Back', 'Next >', and 'Cancel'.

Create Virtual Machine

### Name and operating system

Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.

Name: openbsd

Machine Folder: /mnt/async/VirtualBox

Type: BSD

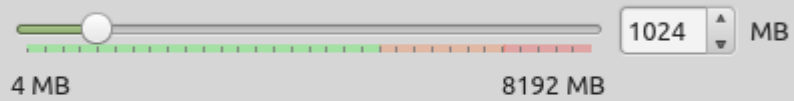
Version: OpenBSD (64-bit)

Expert Mode < Back Next > Cancel

## Memory size

Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.

The recommended memory size is **1024 MB**.



< Back

Next >

Cancel

## Creare un disco





## Hard disk file type

Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.

- ☒ VDI (VirtualBox Disk Image)
- ☐ VHD (Virtual Hard Disk)
- ☐ VMDK (Virtual Machine Disk)

[Expert Mode](#)[< Back](#)[Next >](#)[Cancel](#)



## Storage on physical hard disk

Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).

A **dynamically allocated** hard disk file will only use space on your physical hard disk as it fills up (up to a maximum **fixed size**), although it will not shrink again automatically when space on it is freed.

A **fixed size** hard disk file may take longer to create on some systems but is often faster to use.

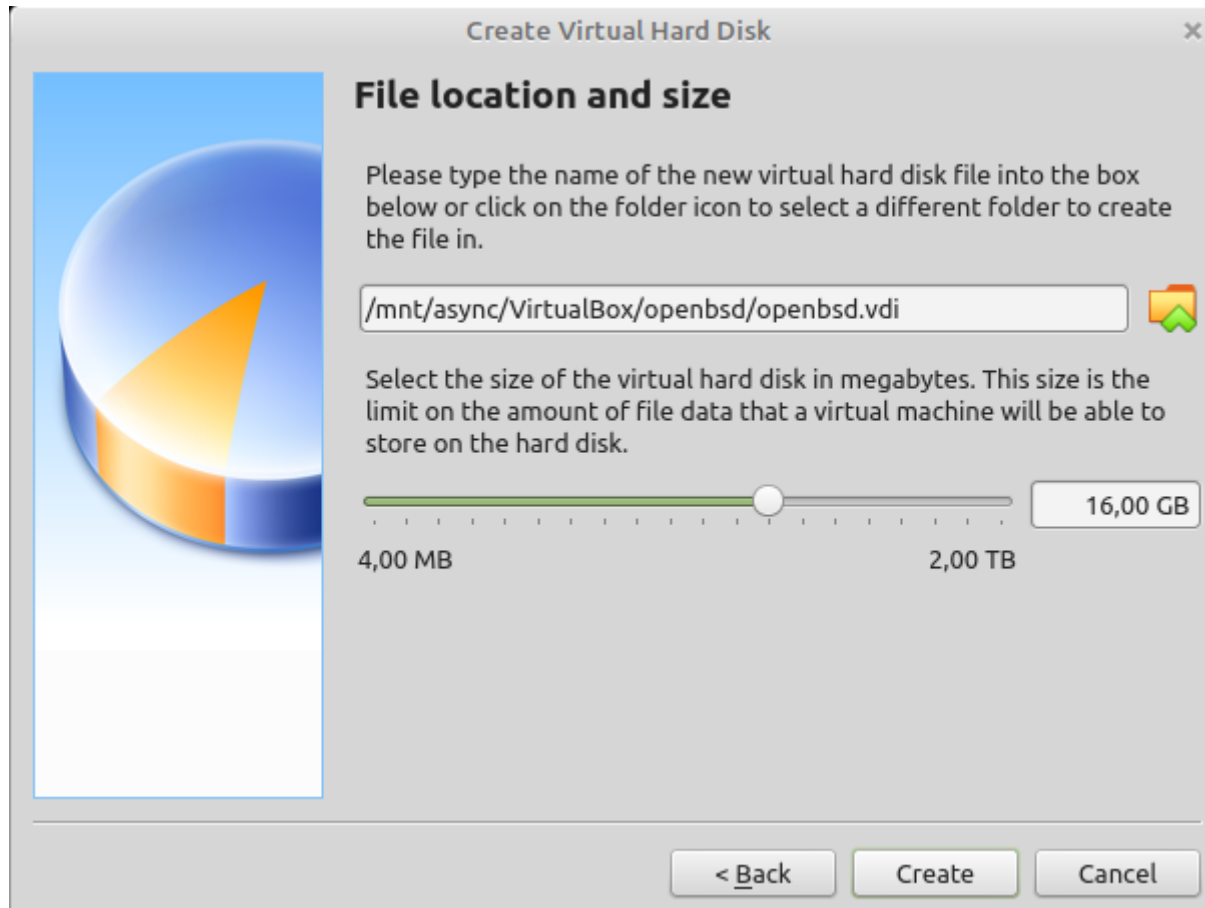
- ☒ Dynamically allocated
- ☐ Fixed size

< Back

Next >

Cancel

Recordar el tamaño para identificarlo luego





## Resumen de la Maquina

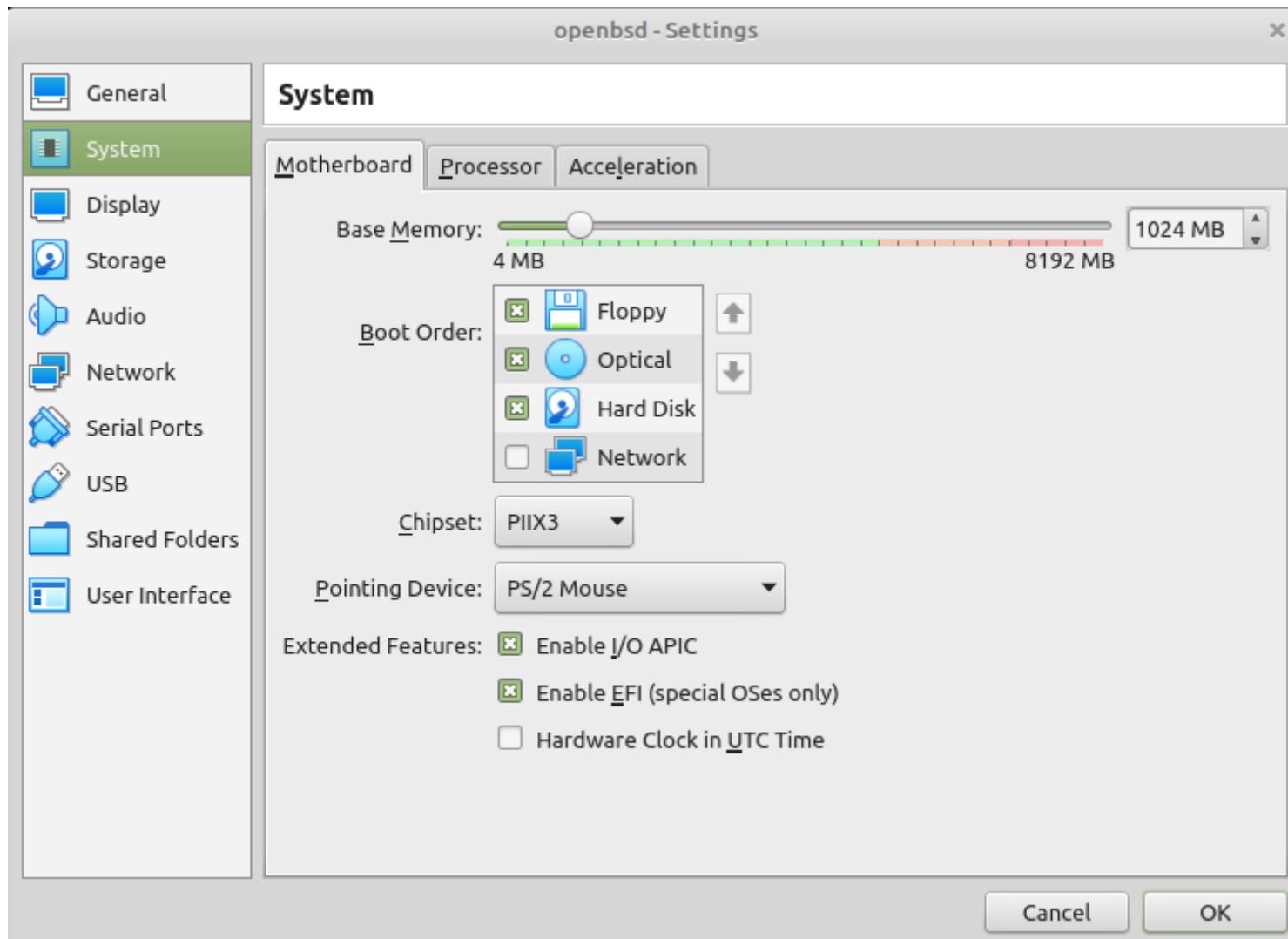
The screenshot displays the Oracle VM VirtualBox Manager interface. The main window title is "Oracle VM VirtualBox Manager". The menu bar includes "File", "Machine", and "Help". The toolbar contains icons for "Tools", "New", "Settings", "Discard", and "Start". The left sidebar shows a list of virtual machines, with "openbsd" selected and its status "Powered Off" indicated. The main pane displays the settings for the "openbsd" VM, organized into several sections:

- General**
  - Name: openbsd
  - Operating System: OpenBSD (64-bit)
  - Settings File Location: /mnt/async/VirtualBox/openbsd
- System**
  - Base Memory: 1024 MB
  - Boot Order: Floppy, Optical, Hard Disk
  - Acceleration: VT-x/AMD-V, Nested Paging
- Display**
  - Video Memory: 16 MB
  - Graphics Controller: VBoxVGA
  - Remote Desktop Server: Disabled
  - Recording: Disabled
- Storage**
  - Controller: IDE
  - IDE Primary Master: openbsd.vdi (Normal, 16,00 GB)
  - IDE Secondary Master: [Optical Drive] Empty
- Audio**
  - Host Driver: PulseAudio
  - Controller: ICH AC97
- Network**
  - Adapter 1: Intel PRO/1000 MT Desktop (NAT)

On the right side of the settings pane, there is a "Preview" section showing a virtual monitor displaying the text "openbsd".

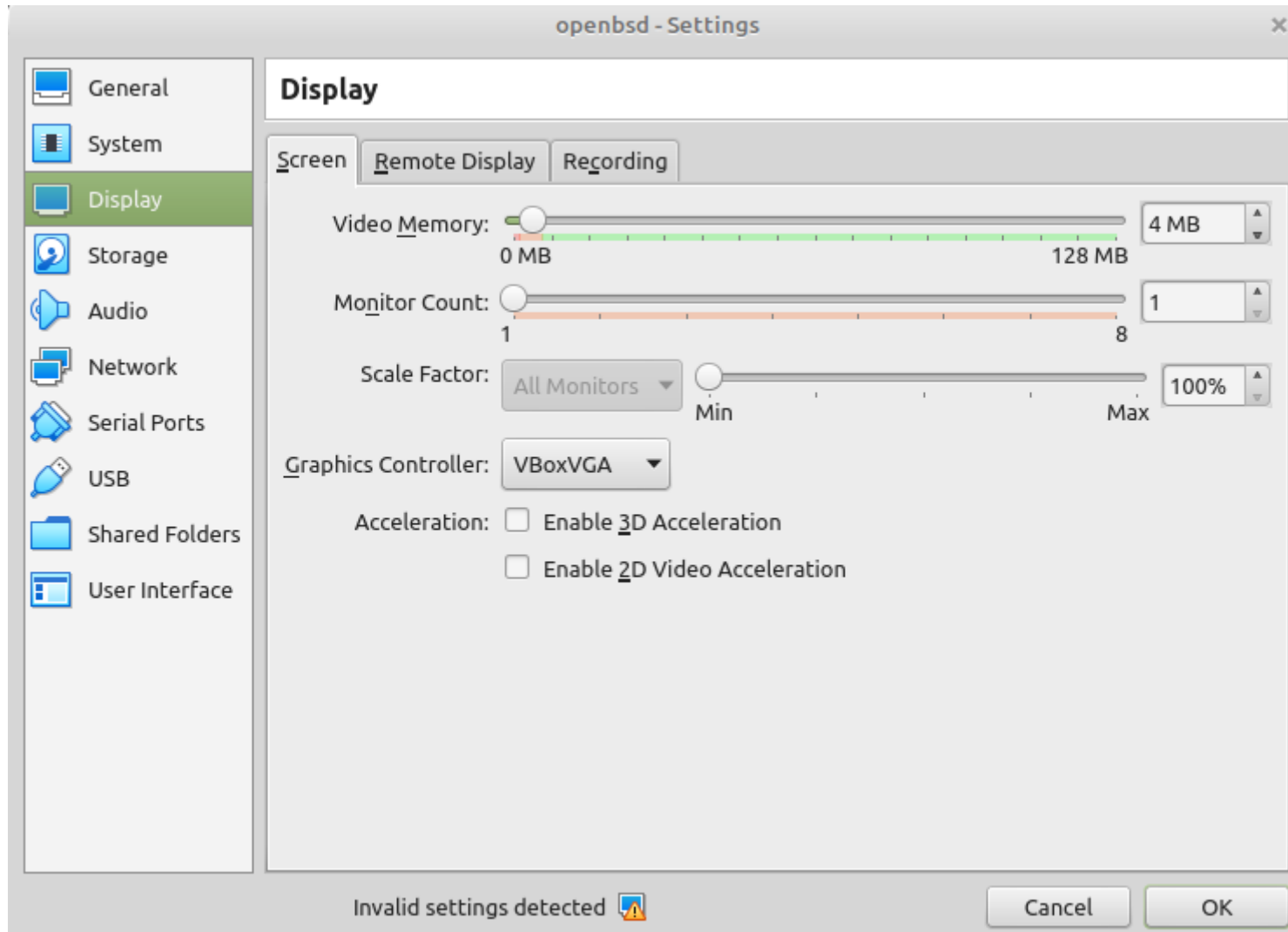
Ahora hacemos algunas modificaciones

Activar EFI en SYSTEM, MOTHERBOARDS



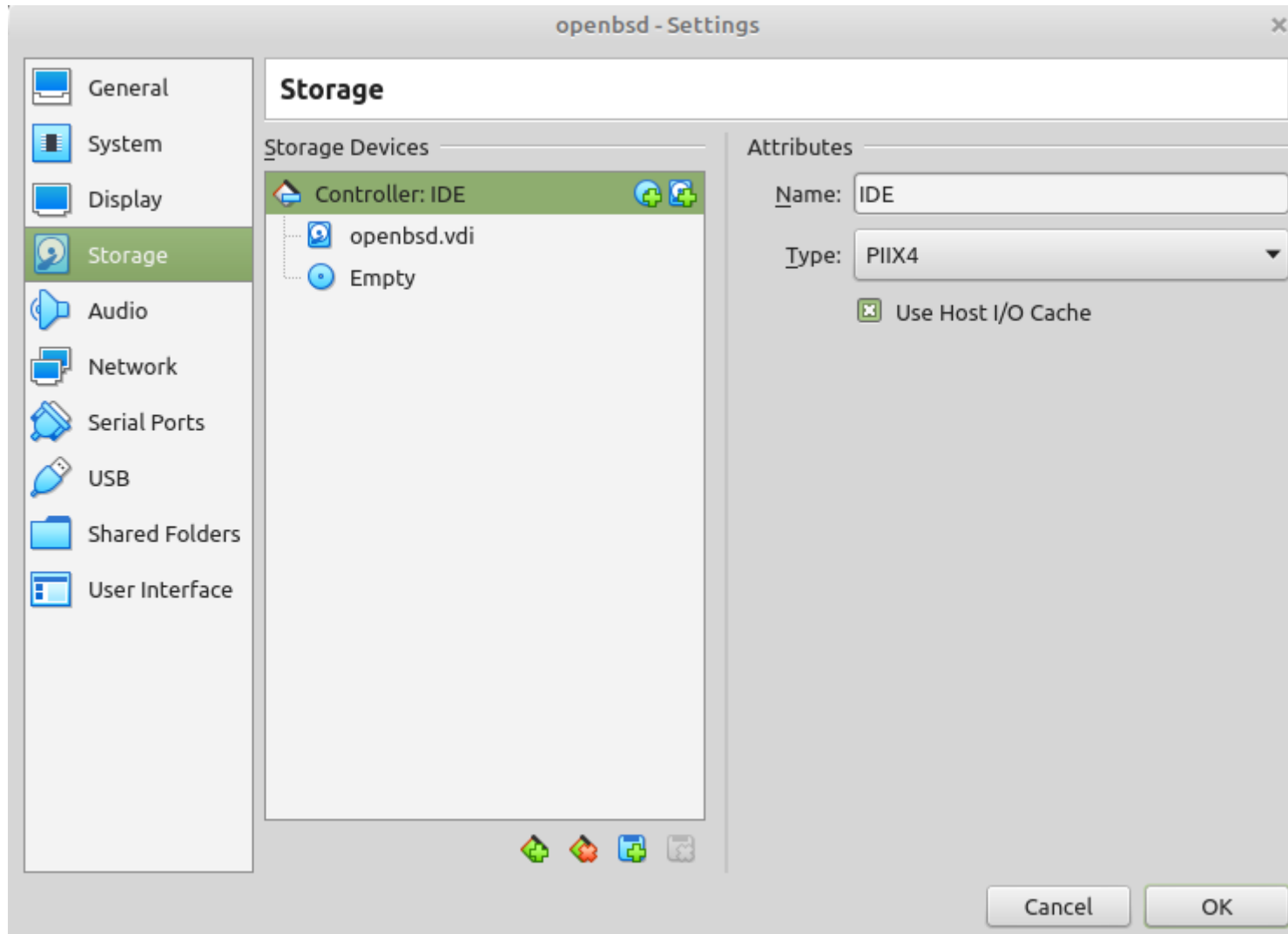
## Cambiar la memoria de video a 4 MB

para mitigar un inconveniente con la resolución

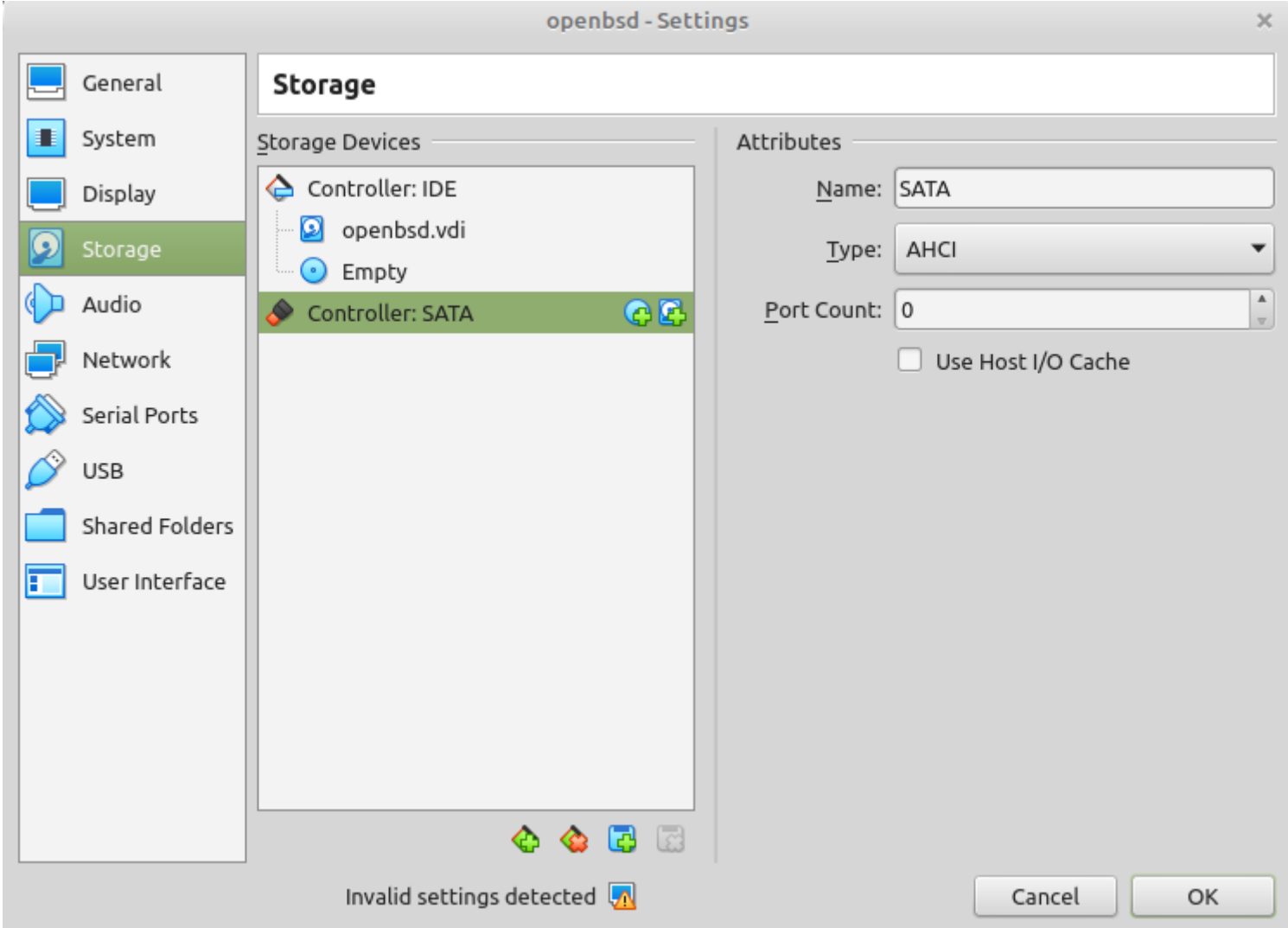


Agregar el disco de instalacion como un disco SATA en un controlador SATA

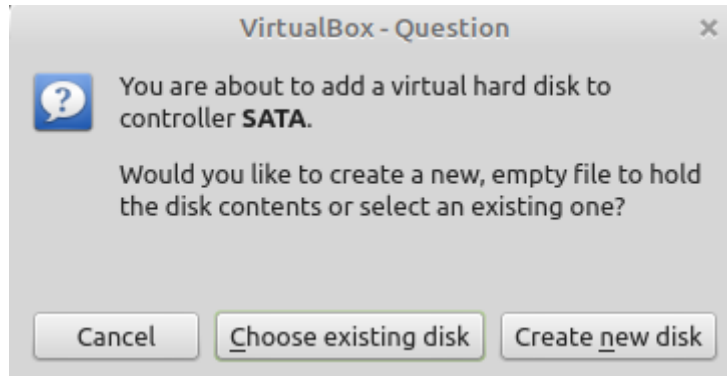
Agregar el controlador SATA



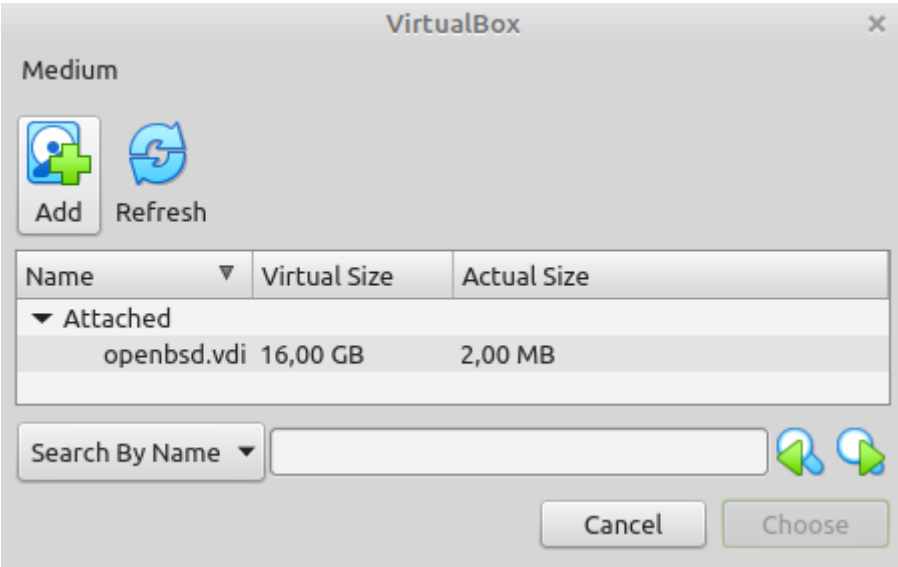
# Agregar el DISCO SATA



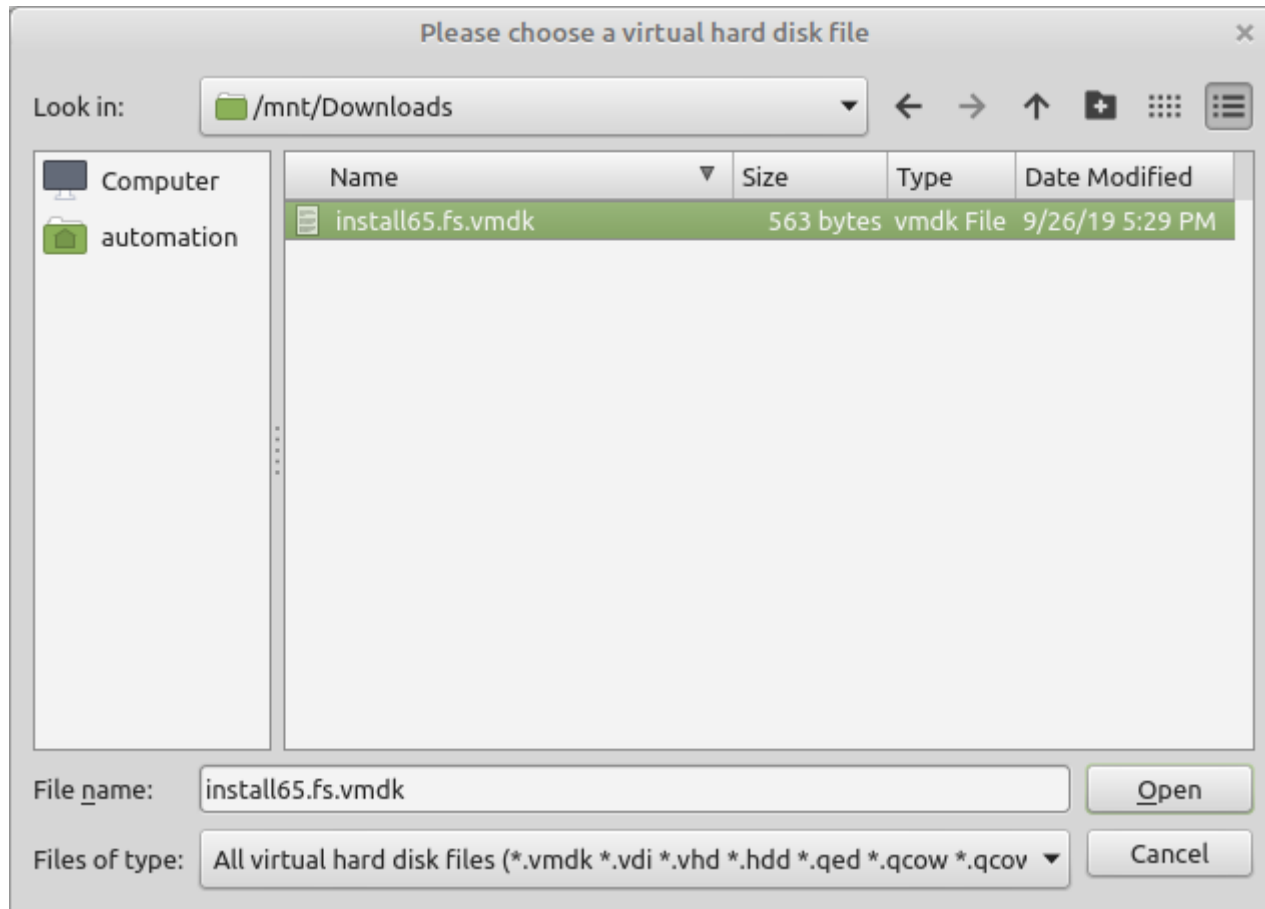
Elejir el boton "un disco existente"



Nos muestra los discos registrados en VirtualBox, presionar el boton "Add"

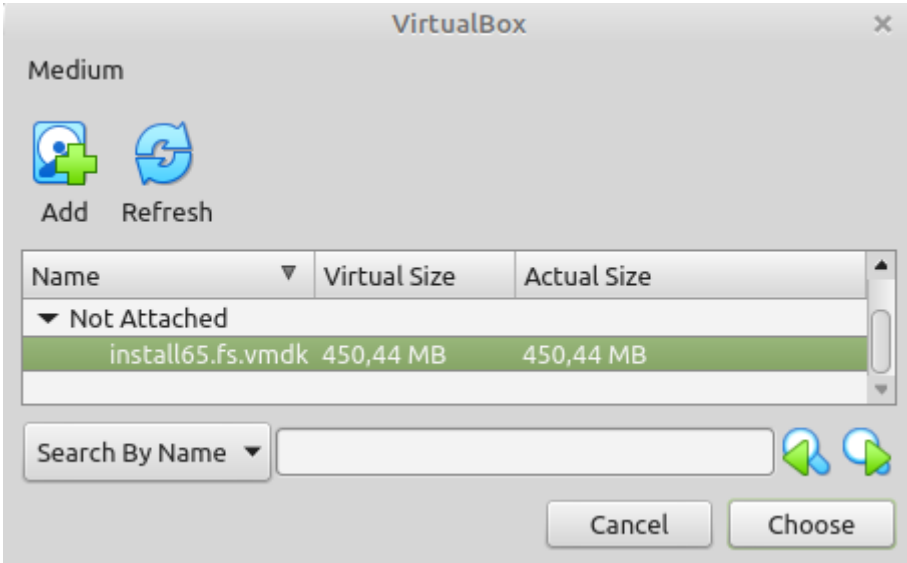


Y buscar el descriptor .vmdk que generamos al principio

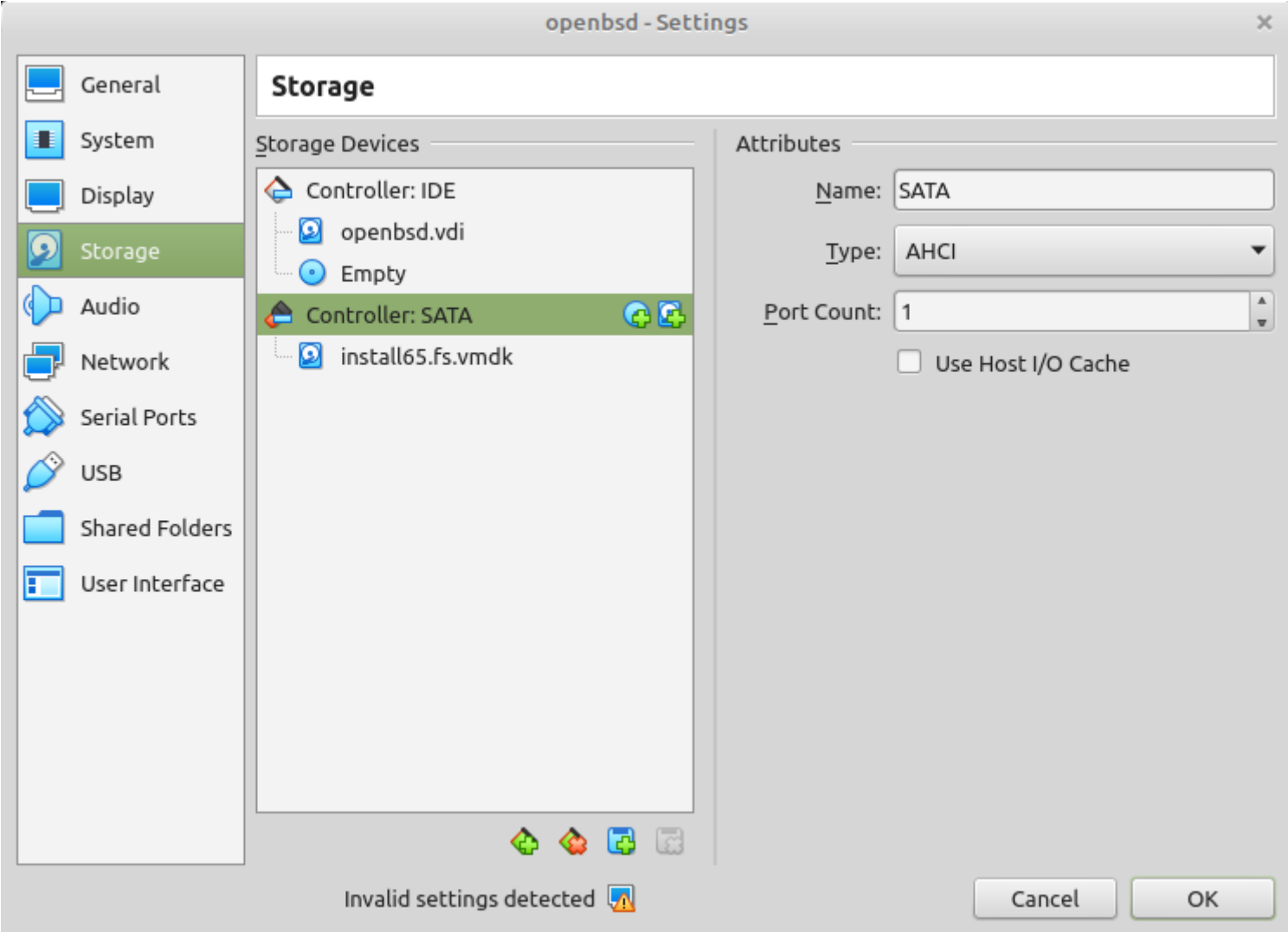




Ahora aparece registrado, seleccionarlo



Asi queda colgando del controlador SATA



Finalmente aparece en el resumen de la maquina

