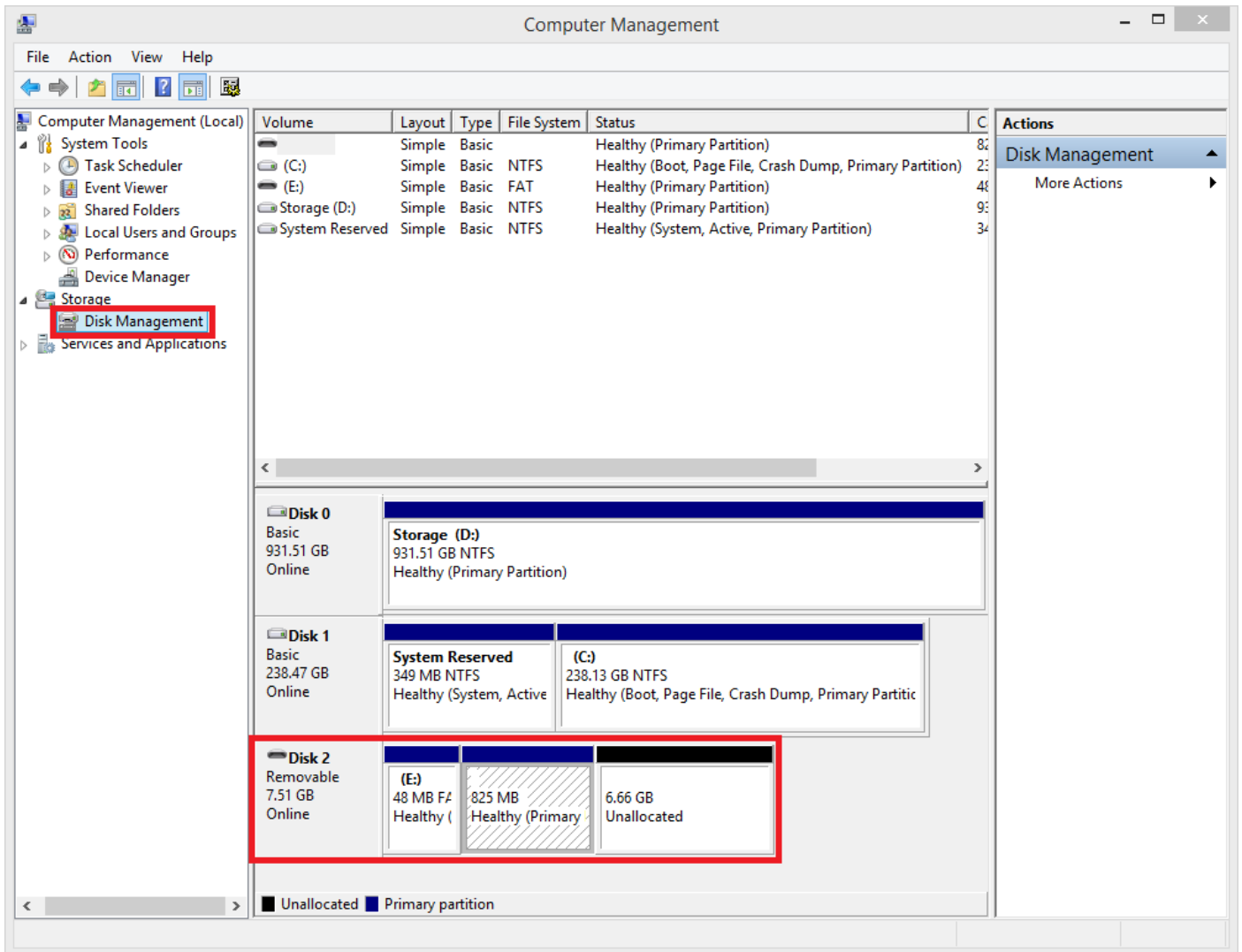


How to Use SD Card Reader in VMPlayer and VMWorkstation

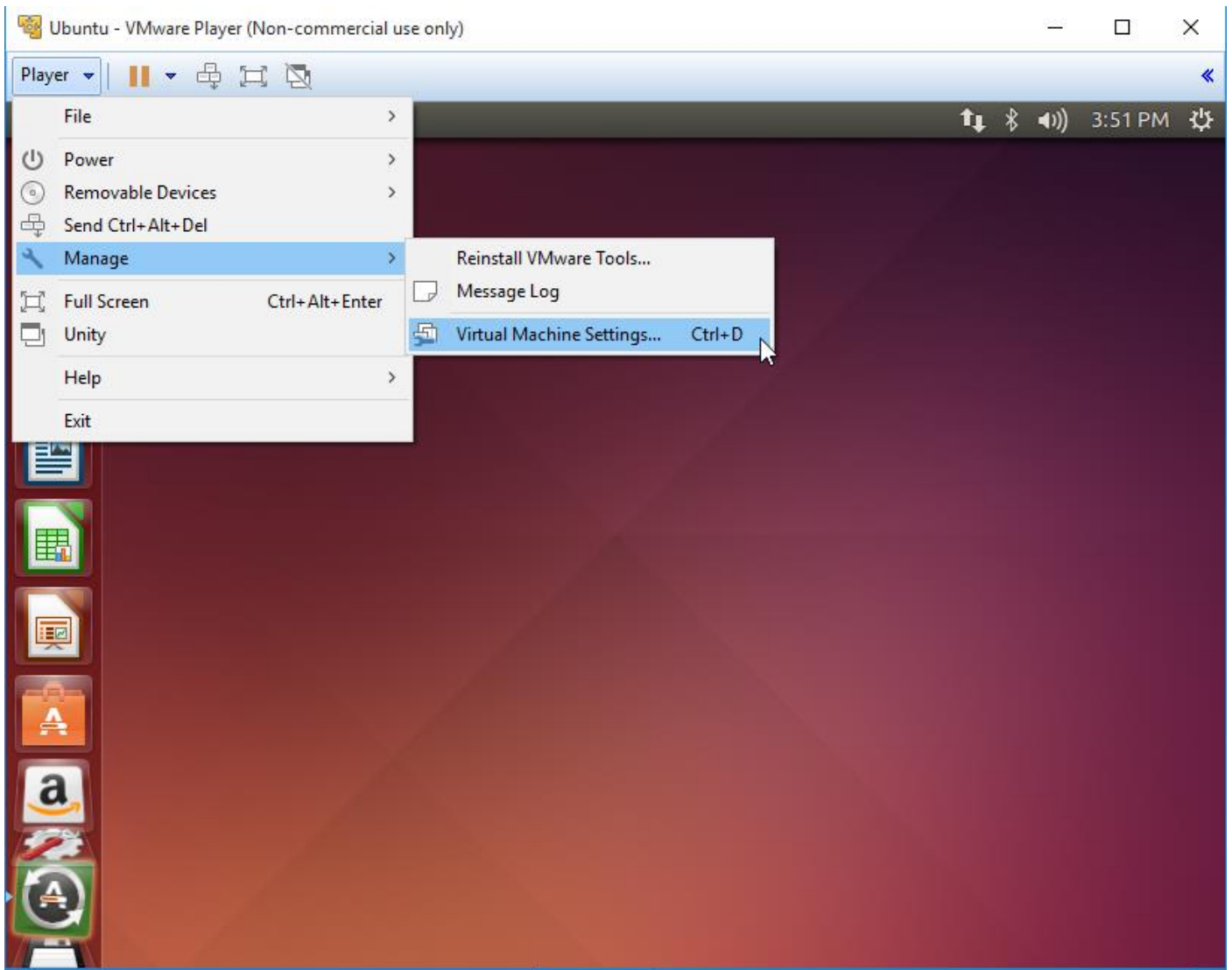
Right click on My Computer (Windows 7) or This PC (Windows 8, 10) and choose Manage

You will see this screen, click Disk Management in the left pane and find your SD card and note the Disk number, here it is Disk 2



Run VMWare as **“Run As Administrator”**.


In VMPlayer select your Virtual Machine and choose the Player menu, then Manage and Virtual Machine Settings



In the Hardware tab click Add

Hardware Options

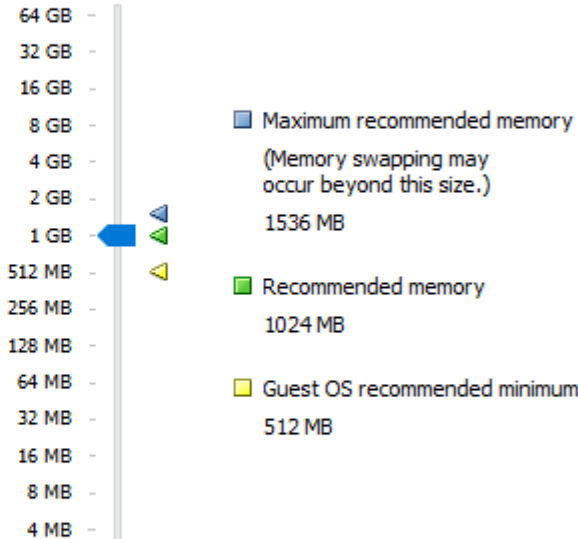
Device	Summary
Memory	1 GB
Processors	1
Hard Disk (SCSI)	20 GB
CD/DVD (SATA)	Auto detect
CD/DVD 2 (SATA)	Auto detect
Floppy	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect



Memory

Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

Memory for this virtual machine: MB





64 GB -
32 GB -
16 GB -
8 GB -
4 GB -
2 GB -
1 GB -
512 MB -
256 MB -
128 MB -
64 MB -
32 MB -
16 MB -
8 MB -
4 MB -

Maximum recommended memory
(Memory swapping may occur beyond this size.)
1536 MB

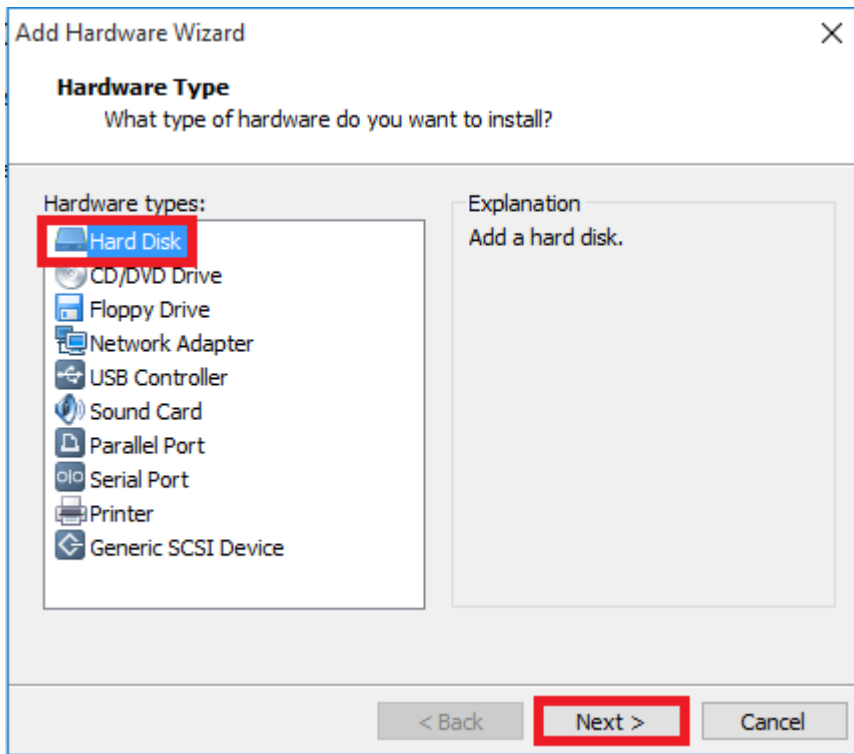
Recommended memory
1024 MB

Guest OS recommended minimum
512 MB

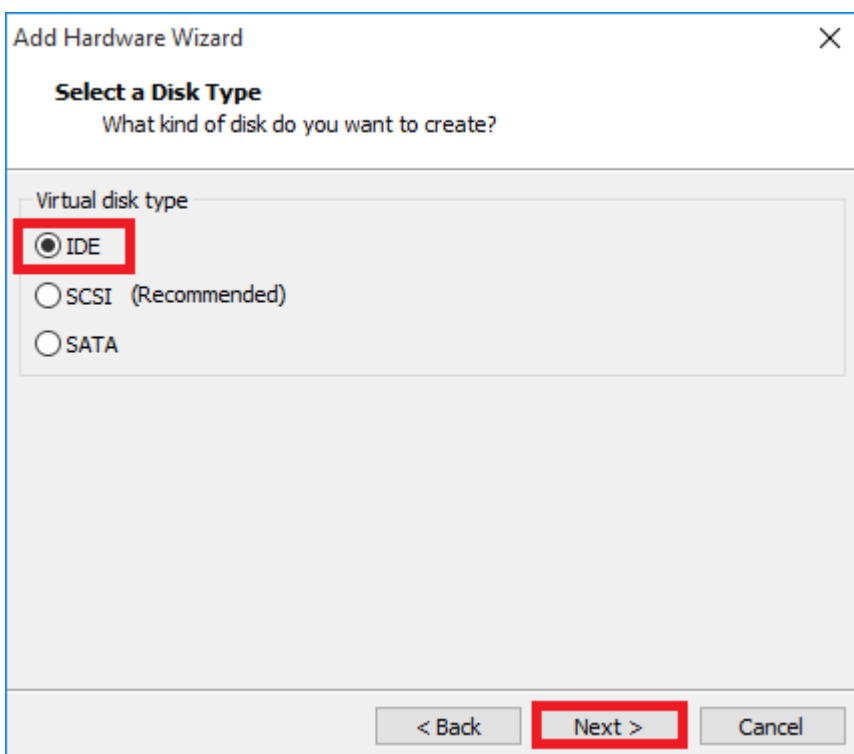
 Changes to the amount of memory will not take effect until the virtual machine is powered off.

 The virtual machine will use up to 768 MB of this memory for graphics memory. You can change this amount in the Display settings page.

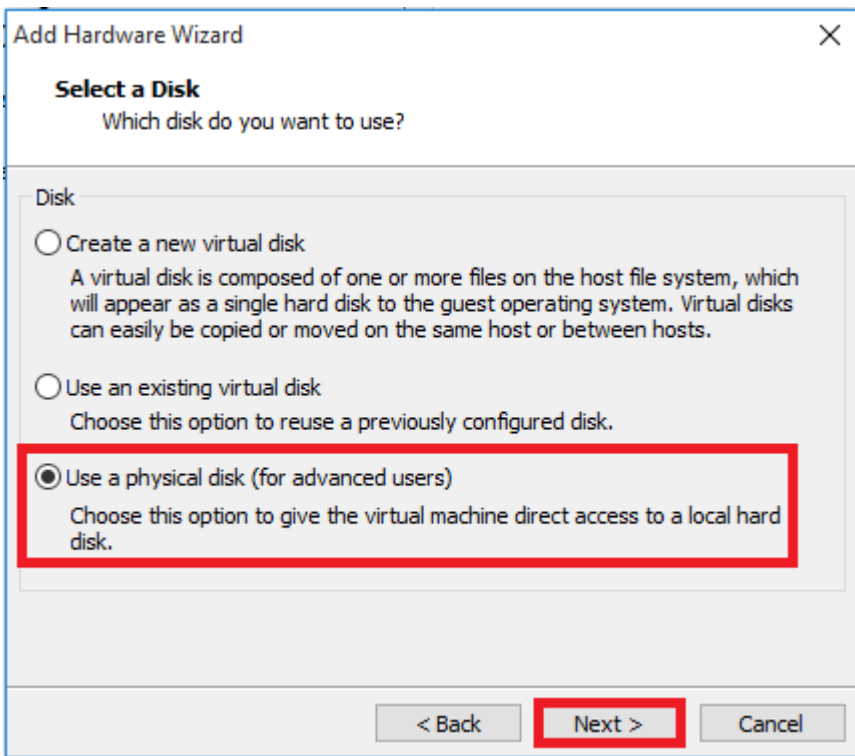
Choose Hard Disk



Select IDE



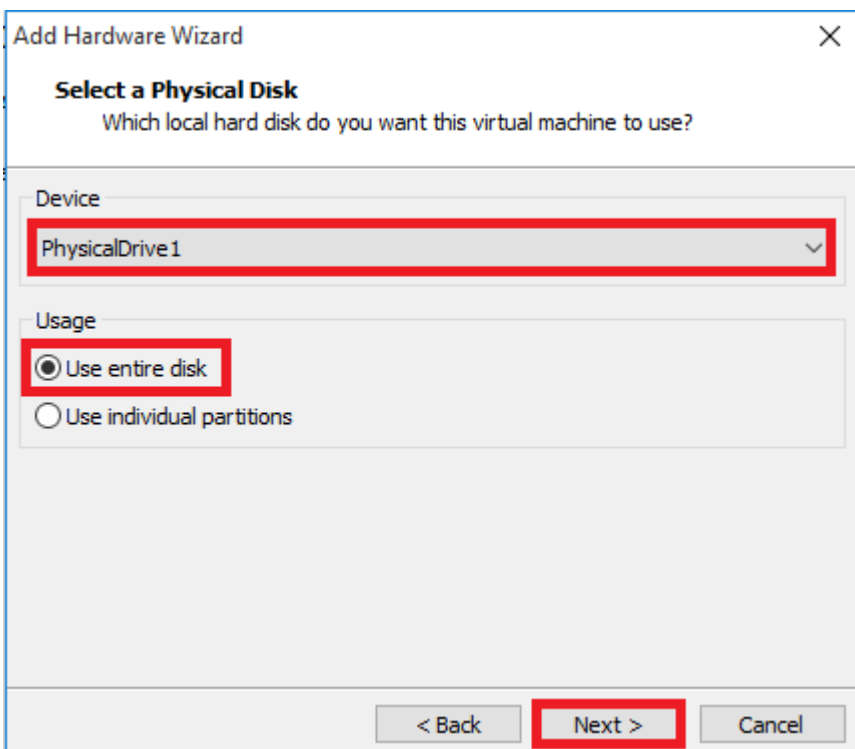
Choose Use a physical disk (for advanced users)



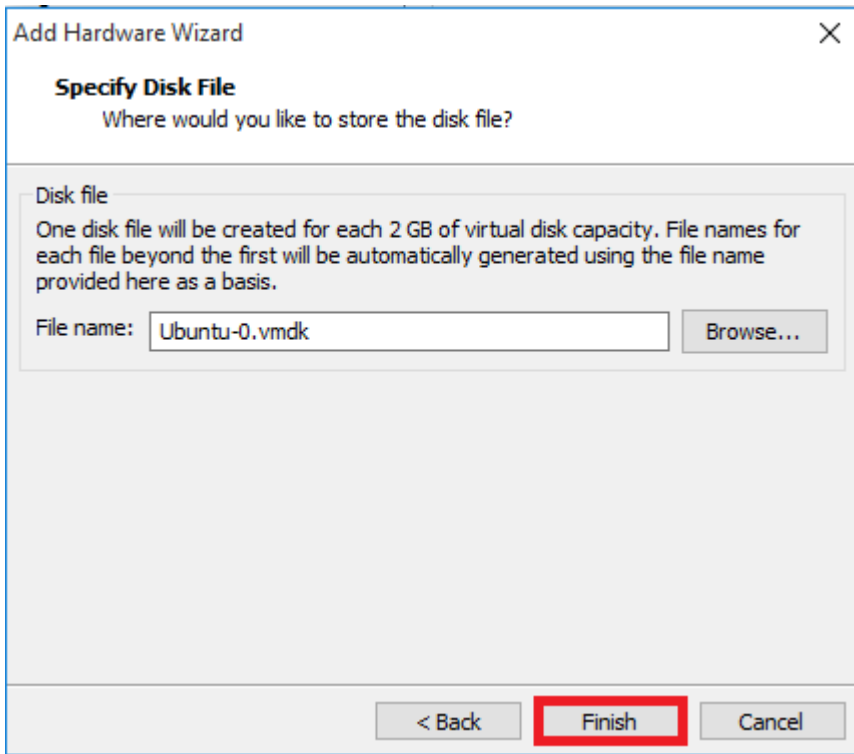
Choose the SD card reader's drive number you found earlier (for me it was 2 but in this example it is 1) from the Device dropdown

If your disk number was 1 it will be PhysicalDrive1, if it was 2 it will be PhysicalDrive2

Under Usage select Use entire disk

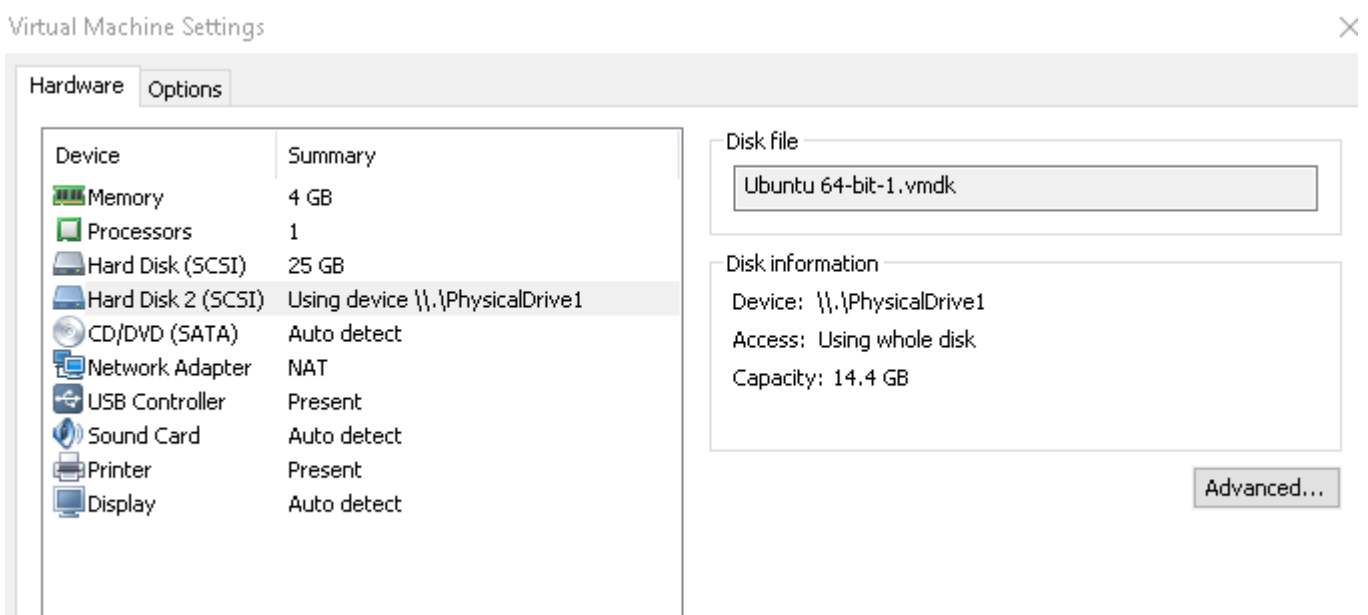
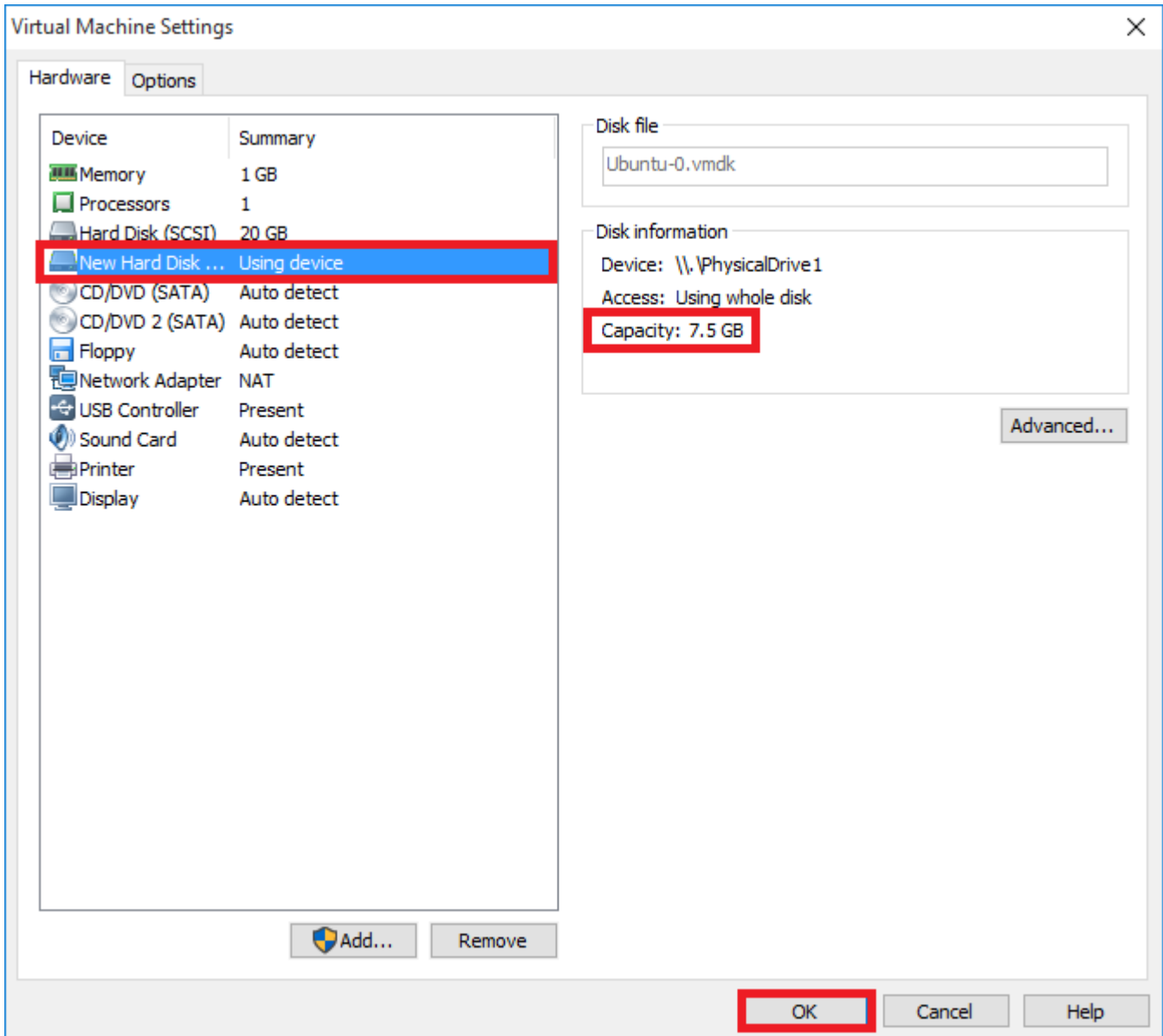


You can give the new virtual disk a name if you want, VMPlayer needs to do this since it stores disk drives as files



Now you can see the new disk drive you made that maps to your SD card reader

Click OK



You will see the SD card reader now show up in your virtual machine. I tested this on Ubuntu and Windows virtual machines in VMPlayer and VMWorkstation.

Note that if you ever remove the SD card and start the virtual machine you will get an error. To solve the VMPlayer or VMWorkstation error, you have to go remove the virtual disk from the SD card virtual disk file from Player menu, then Manage and Virtual Machine Settings under the Hardware tab.

Now you know how to use your SD card reader in VMPlayer and VMWorkstation. The next virtual machine related guide will be how to backup and resize SD card partitions for the Raspberry Pi and other SBCs.

Downloading Linux for i.MX to SD Card

Recommended Software & Tools (3)



i.MX 6QuadPlus, i.MX 6Quad, i.MX 6DualPlus, i.MX 6Dual, i.MX 6DualLite, i.MX 6Solo Linux Binary Demo Files (REVL4.1.15_2.0.0) **New**
L4.1.15_2.0.0-ga_images_MX6QDL8OLO.tar.gz

Download

Board Support Packages

GZ (2.2 GB)

i.MX 6QuadPlus, i.MX 6Quad, i.MX 6DualPlus, i.MX 6Dual, i.MX 6DualLite, i.MX 6Solo Linux Binary Demo Files

10/10/2016




```
kahjoo@ubuntu: ~/Downloads/fsl-L3.14.28_1.0.0_iMX6qdlS_Bundle/L3.14.28_1.0.0_ga_i
kahjoo@ubuntu:~/Downloads/fsl-L3.14.28_1.0.0_iMX6qdlS_Bundle/L3.14.28_1.0.0_ga_i
images_MX6$ sudo cat /proc/partitions
[sudo] password for kahjoo:
major minor #blocks name
1 0 65536 ram0
1 1 65536 ram1
1 2 65536 ram2
1 3 65536 ram3
1 4 65536 ram4
1 5 65536 ram5
1 6 65536 ram6
1 7 65536 ram7
1 8 65536 ram8
1 9 65536 ram9
1 10 65536 ram10
1 11 65536 ram11
1 12 65536 ram12
1 13 65536 ram13
1 14 65536 ram14
1 15 65536 ram15
8 0 7761920 sda
8 1 7760896 sda1
8 16 26214400 sdb
8 17 22019072 sdb1
8 18 1 sdb2
8 21 4192256 sdb5
11 0 1048575 sr0
kahjoo@ubuntu:~/Downloads/fsl-L3.14.28_1.0.0_iMX6qdlS_Bundle/L3.14.28_1.0.0_ga_i
images_MX6$
```

```
kahjoo@ubuntu:~/Downloads/fsl-L3.14.28_1.0.0_iMX6qdlS_Bundle/L3.14.28_1.0.0_ga_i
images_MX6$ sudo dd if=fsl-image-qt5-x11-imx6qdlSolo.sdcard of=/dev/sda bs=1M
1444+0 records in
1444+0 records out
1514143744 bytes (1.5 GB, 1.4 GiB) copied, 170.657 s, 8.9 MB/s
kahjoo@ubuntu:~/Downloads/fsl-L3.14.28_1.0.0_iMX6qdlS_Bundle/L3.14.28_1.0.0_ga_i
images_MX6$
```