Creating a Virtual Machine (In VMWare Workstation Pro/Player)

By Justin Mah

Requirements

- VMWare Workstation Pro/Player (Player can be downloaded for free here: https://www.vmware.com/ca/products/workstation-player.html)
- An ISO containing an Operating System (Windows Trials: https://www.microsoft.com/en-us/evalcenter/) (Linux Distributions: https://www.linux.org/pages/download/)
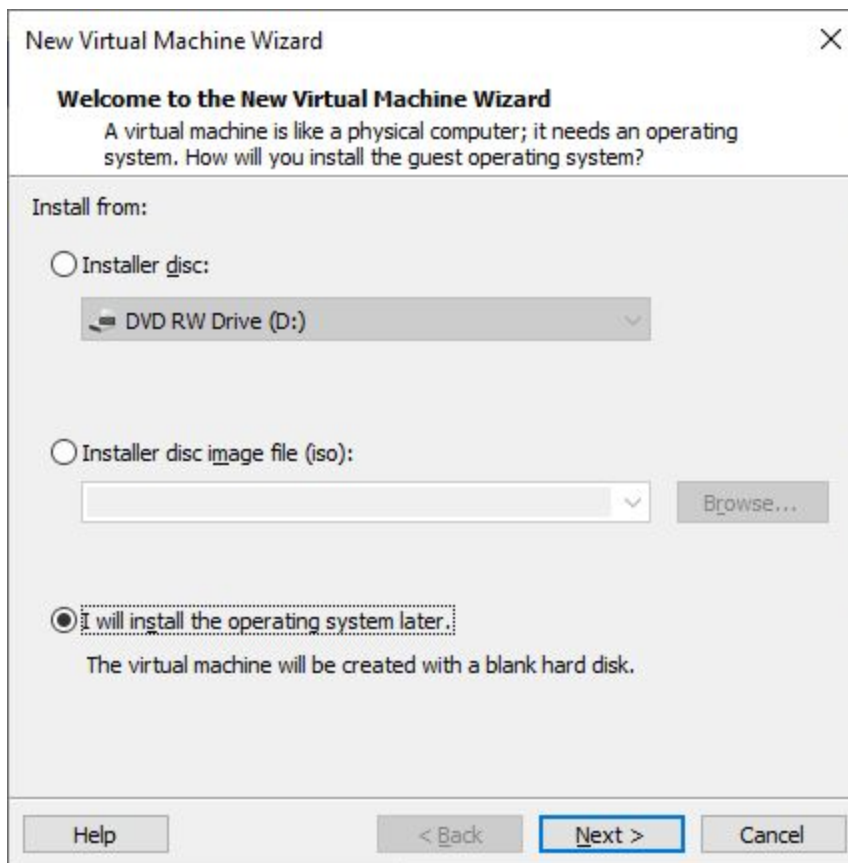 Note: download and install VMware Workstation Pro/Player before proceeding

Instructions

Note: I will be using VMWare Workstation Player for this tutorial, the steps are the same if using VMWare Workstation Pro.

1) Start VMware workstation
2) Click "Create a New Virtual Machine"
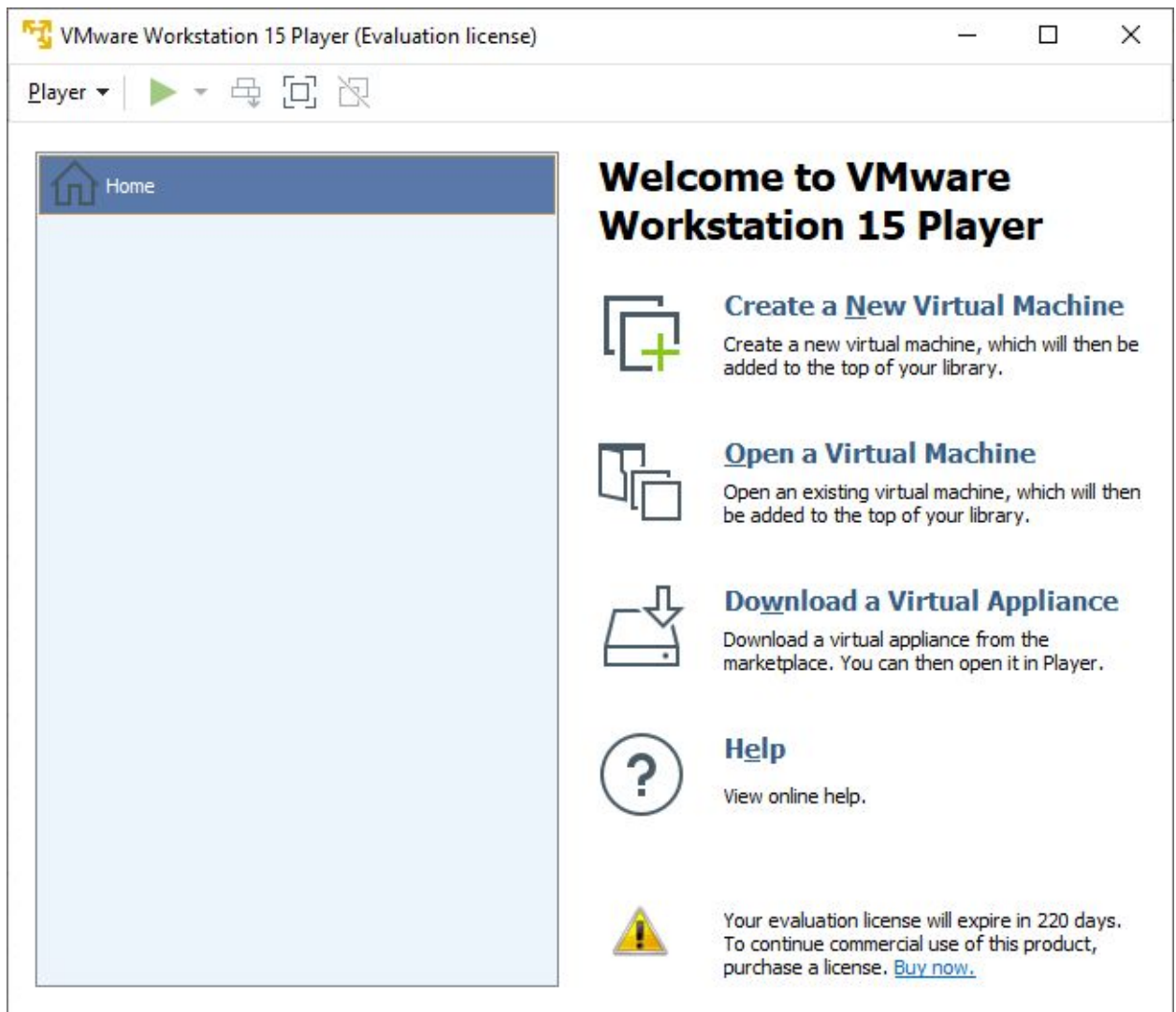
3) Select "I will install the operating system later"

New Virtual Machine Wizard   ✕

Welcome to the New Virtual Machine Wizard

A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

○ Installer disc:

     💿 DVD RW Drive (D:)   ⌄

○ Installer disc image file (iso):

     [⌄]   Browse...

◉ I will install the operating system later.

     The virtual machine will be created with a blank hard disk.

Help   < Back   Next >   Cancel

4) Select Operating System

New Virtual Machine Wizard   ✕

Select a Guest Operating System
    Which operating system will be installed on this virtual machine?

Guest operating system
◉ Microsoft Windows
○ Linux
○ Other

Version

Windows 10 x64   ⌄

| Help | | < Back | Next > | Cancel |

5) Name Virtual Machine and set its file location

New Virtual Machine Wizard   ✕

Name the Virtual Machine
What name would you like to use for this virtual machine?

Virtual machine name:

Windows 10 x64

Location:

C:\Users\jmah22\Documents\Virtual Machines\Windows 10 x64   Browse...

< Back   Next >   Cancel

6) Set Hard Disk capacity

Note: if your HDD is using FAT32 as a file format set the disk to use "Split virtual disk into multiple files" If HDD is using NTFS (Windows Proprietary) set disk to use "Store virtual disk as a single file"

7) Click Customize Hardware

New Virtual Machine Wizard   ×

Ready to Create Virtual Machine
Click Finish to create the virtual machine. Then you can install Windows 10 x64.

The virtual machine will be created with the following settings:

Name:	Windows 10 x64
Location:	C:\Users\jmah22\Documents\Virtual Machines\Windo...
Version:	Workstation 15.x
Operating System:	Windows 10 x64
Hard Disk:	60 GB
Memory:	2048 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Sound Card

Customize Hardware...

< Back   Finish   Cancel

8) Click New CD/DVD (SATA) and set the connection to use ISO file. Browse for the ISO file of the operating system
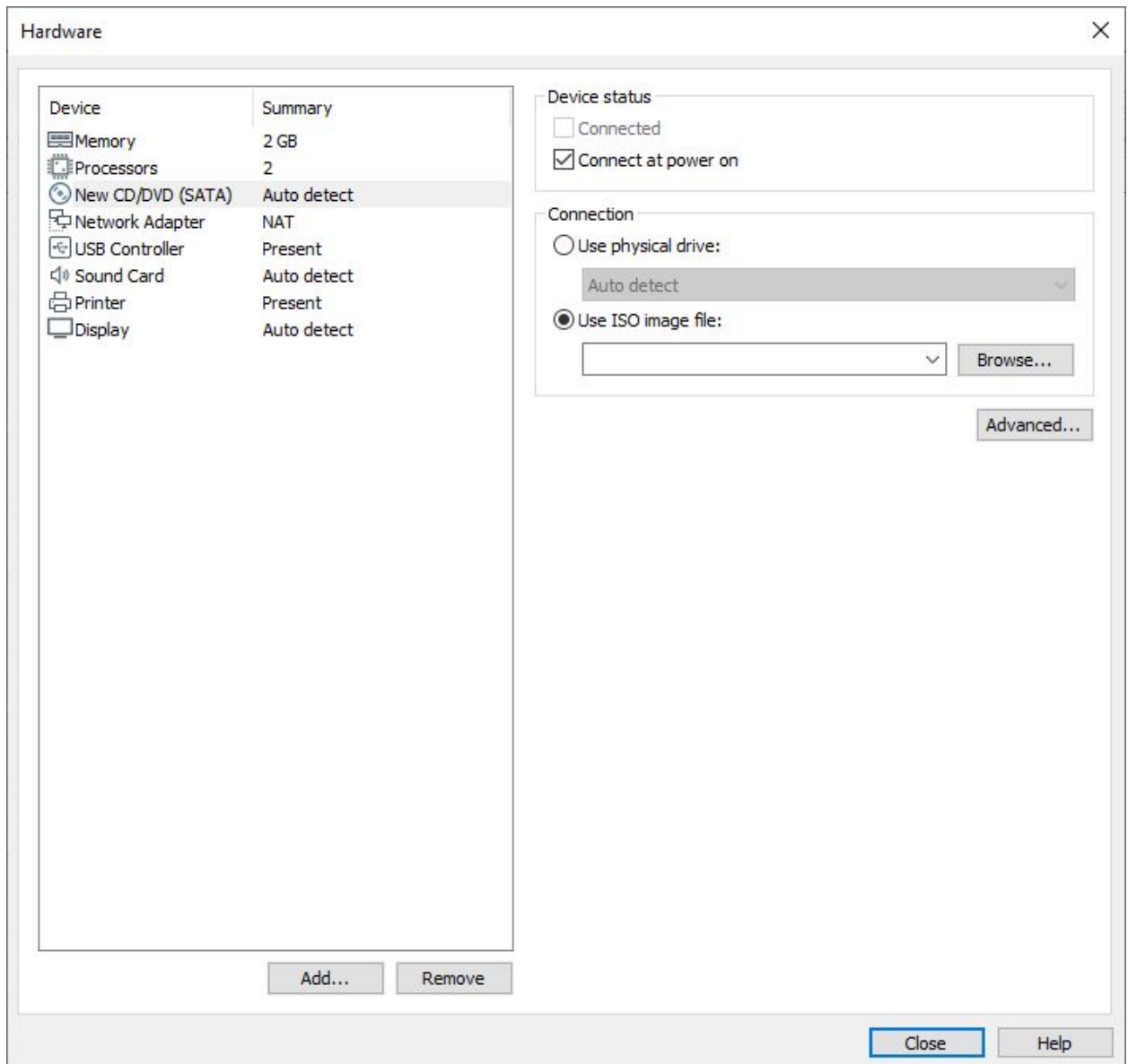
9) Adjust the memory if needed

Hardware ✕

Device	Summary
🖳 Memory	2 GB
🖵 Processors	2
⊚ New CD/DVD (SATA)	Auto detect
🖧 Network Adapter	NAT
🖭 USB Controller	Present
🔊 Sound Card	Auto detect
🖨 Printer	Present
🖥 Display	Auto detect

Memory

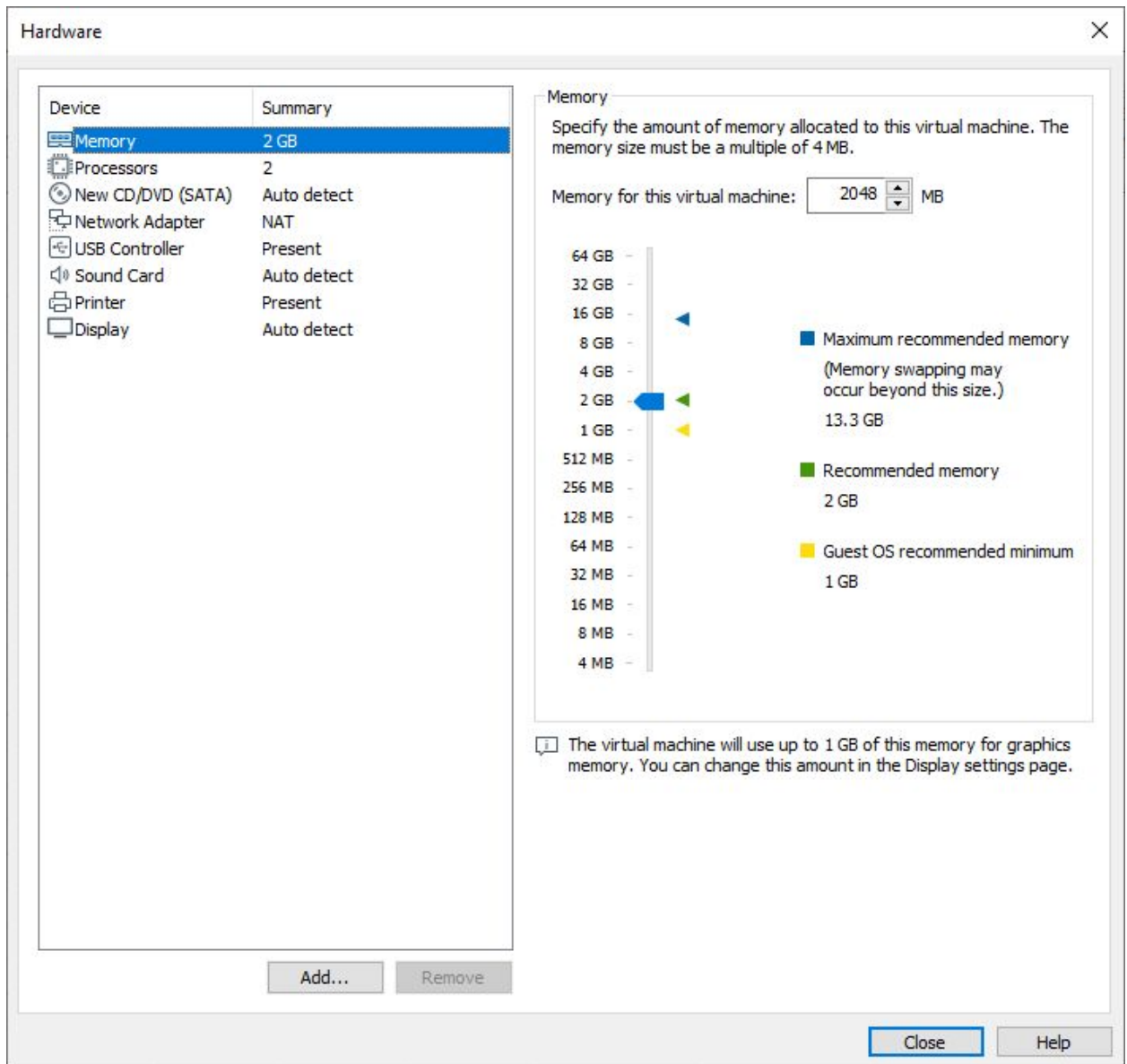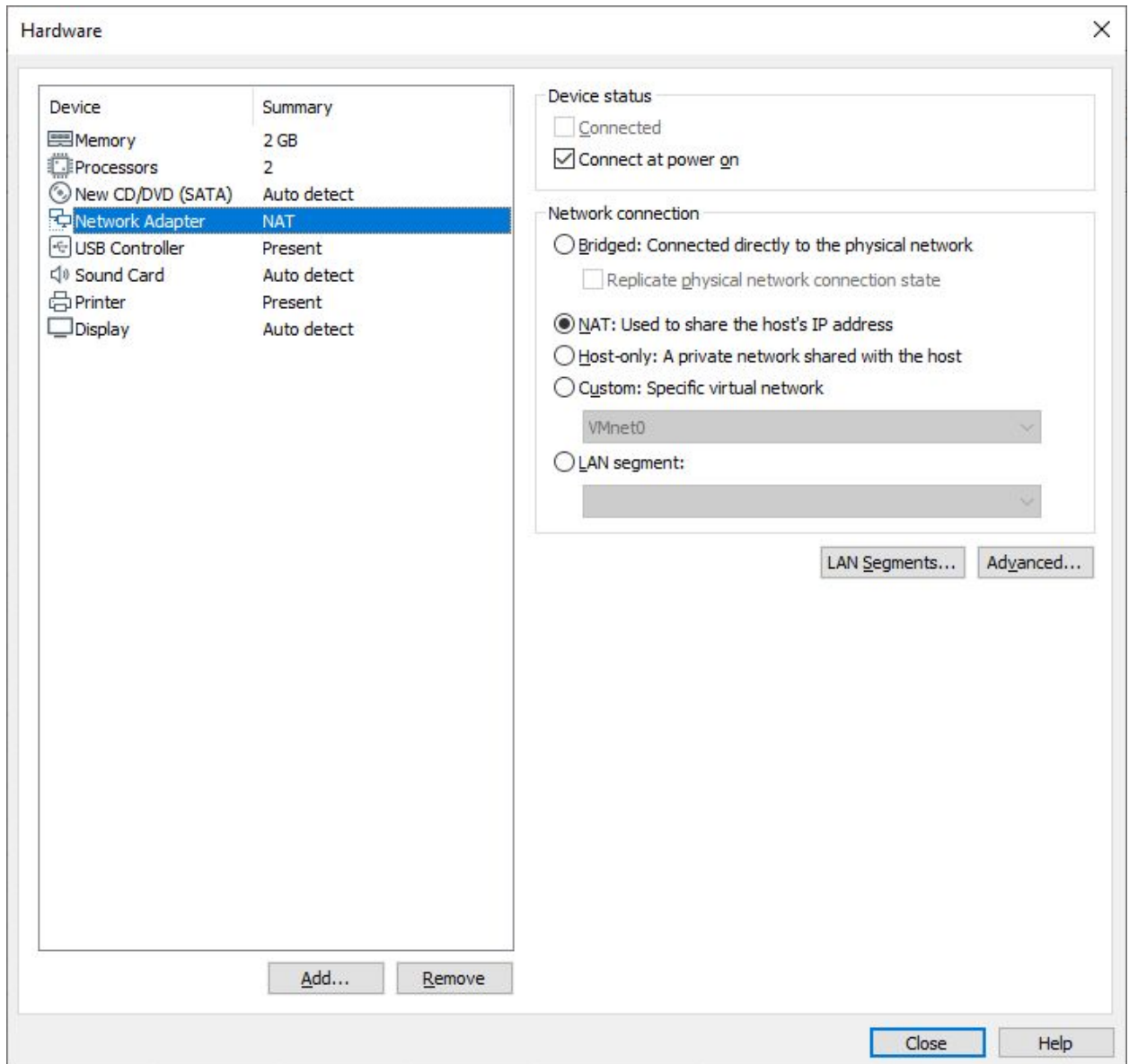Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

Memory for this virtual machine: 2048 ⏶⏷ 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.)
13.3 GB

■ Recommended memory
2 GB

■ Guest OS recommended minimum
1 GB

ⓘ The virtual machine will use up to 1 GB of this memory for graphics memory. You can change this amount in the Display settings page.

Add...   Remove

Close   Help

10) Adjust network settings as needed

Notes: Bridged networking uses the physical network connection. Host-only connects the Virtual Machine to the host. Custom: Specific virtual network specifies what internal network to use

11) Click finished when you are satisfied with Virtual Machine settings

Note : If you need to further adjust the virtual machine in Player click Player > Manage > Virtual Machine Settings (to add HDDs, enable Virtualization Technology (Intel VT-x) etc. If you need to further adjust the virtual machine in Pro click VM > Settings (or press Ctrl D on your keyboard)

12) Press _____ when ready to install Operating System. Follow the instructions provided by the installation process