

How to use cutter driver in virtual box so that it does not update and break the cutter driver.

If you are unable to remote the windows update, you can use this procedure to get a virtual machine that does not have this update.

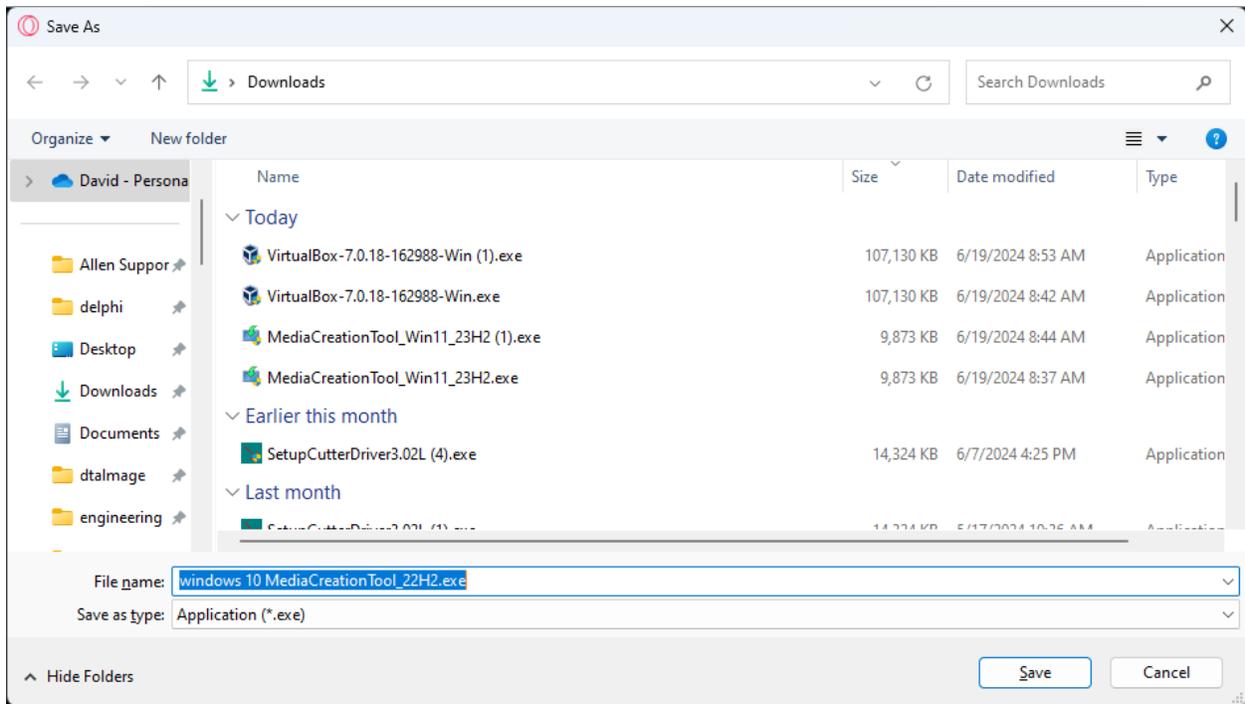
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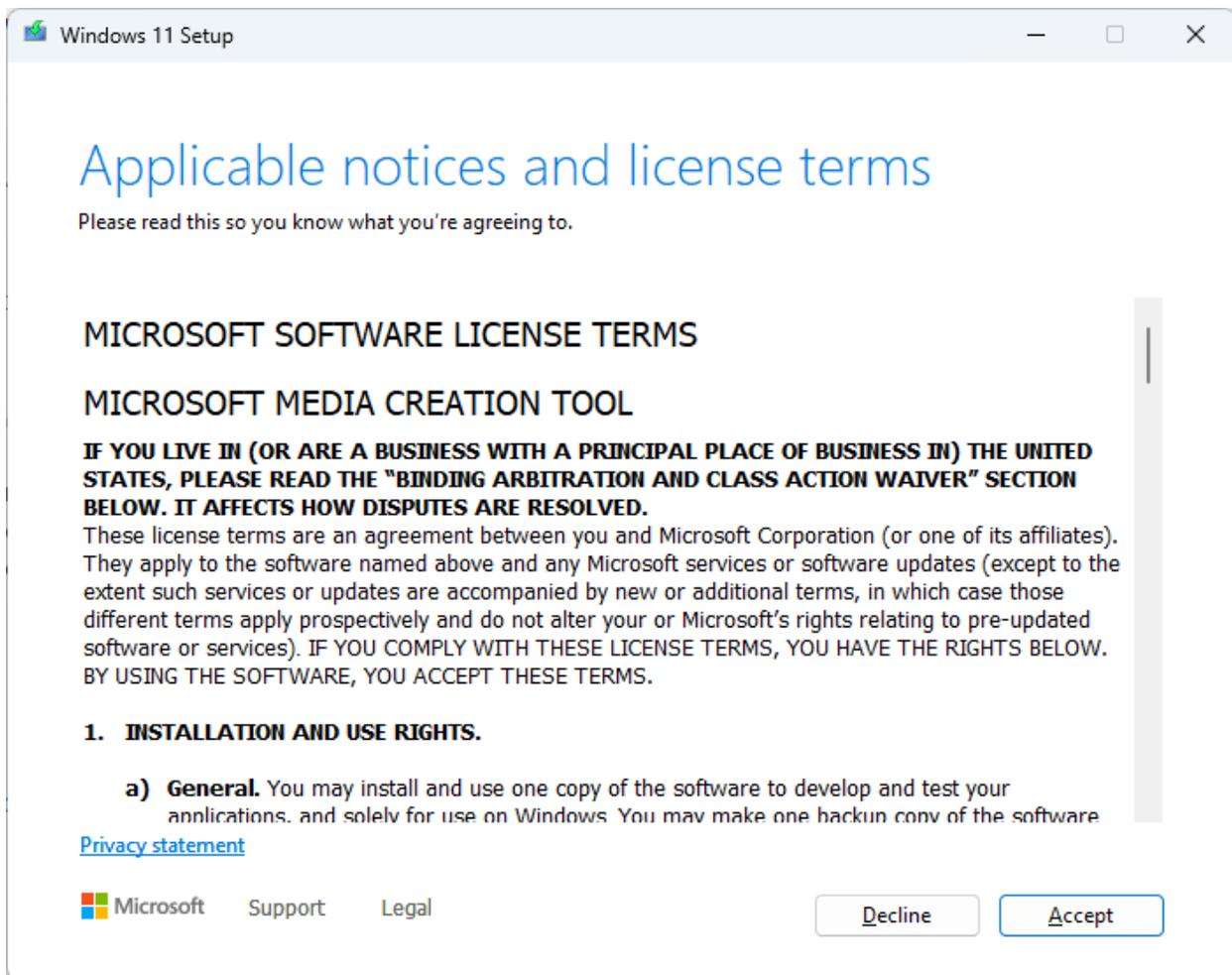
Download windows 10 image

From your favorite browse : paste this link into url box of browser and hit enter

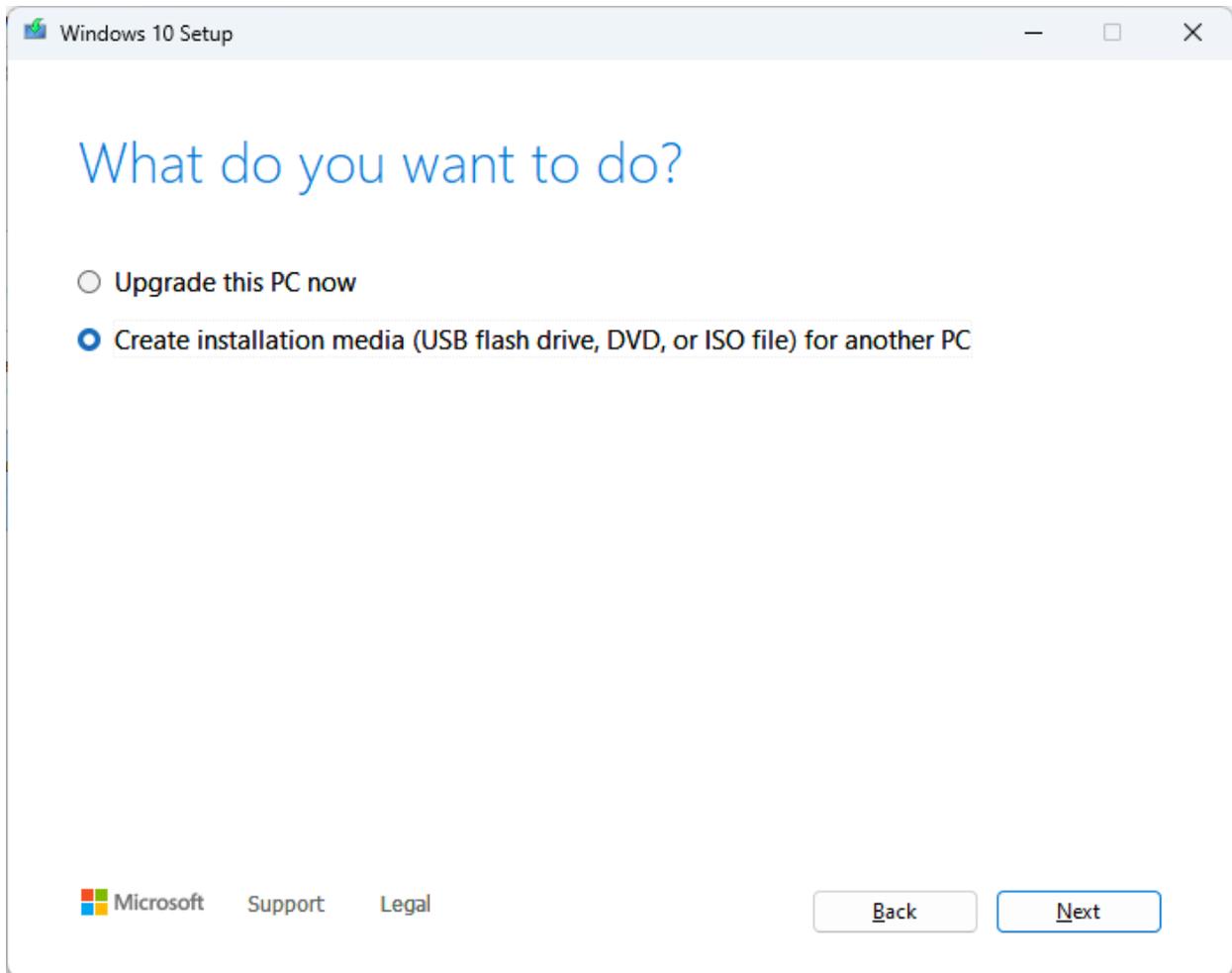
Windows 10: <https://go.microsoft.com/fwlink/?linkid=2265055>



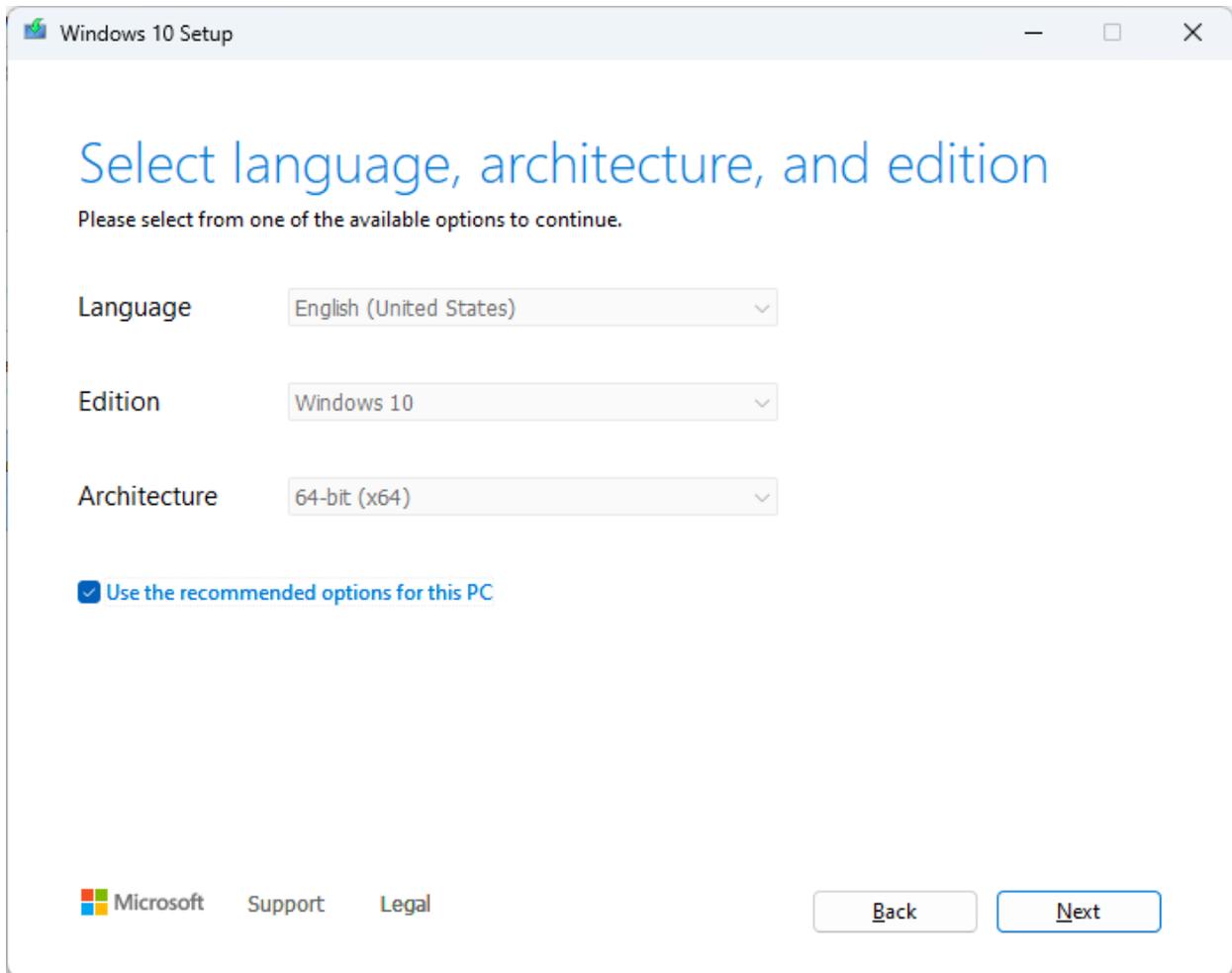
Enter windows 10 MediaCreationTool_22H2.exe and click save. Then start program



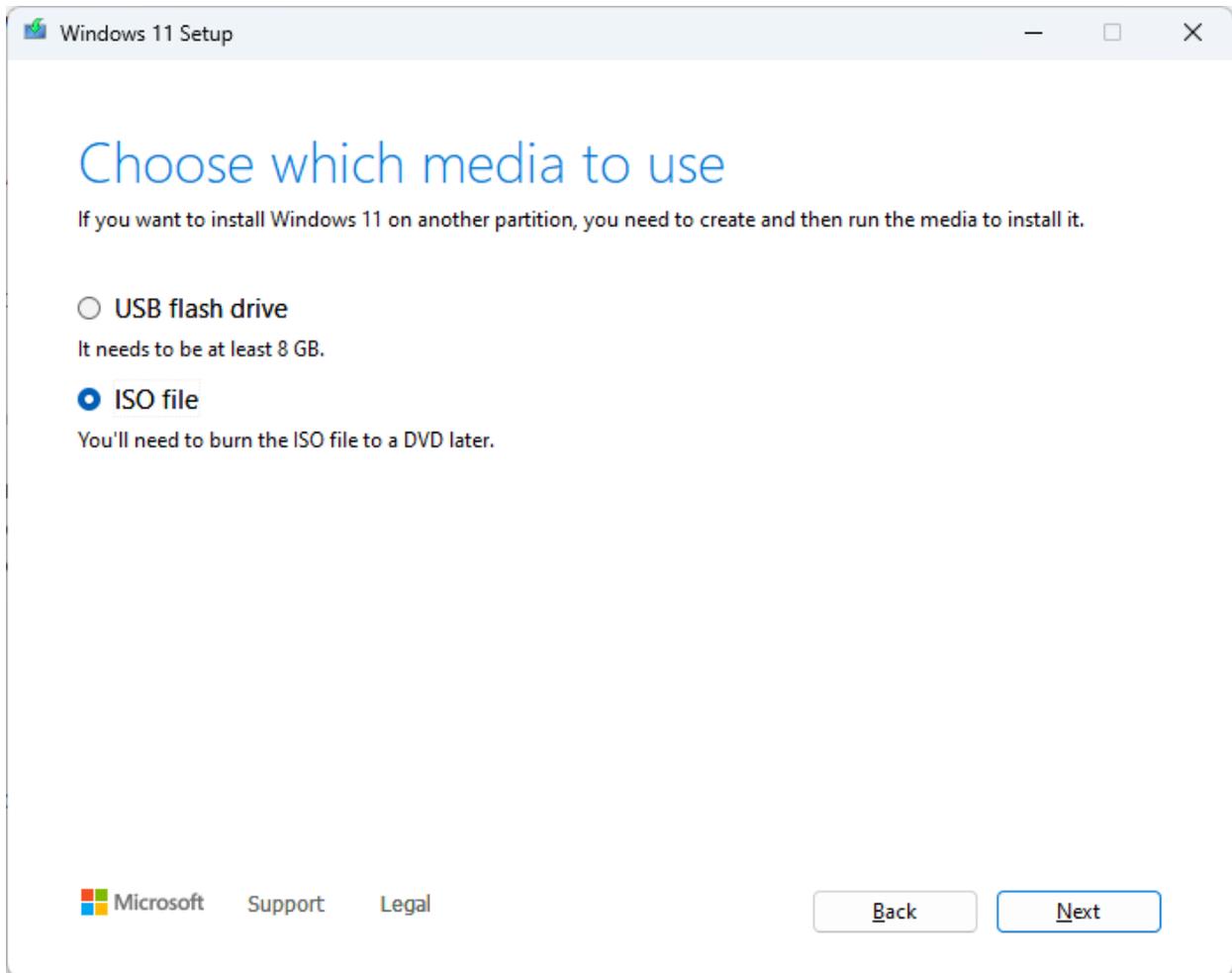
Click accept



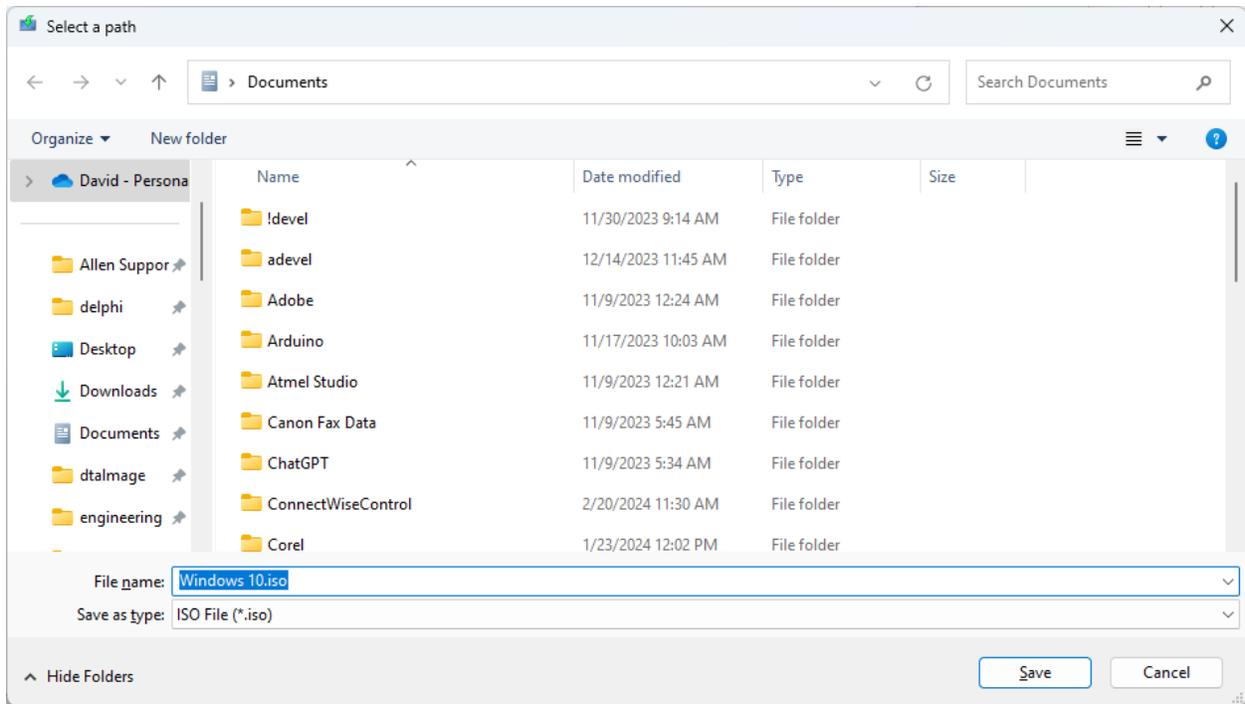
Select create installation media then click Next



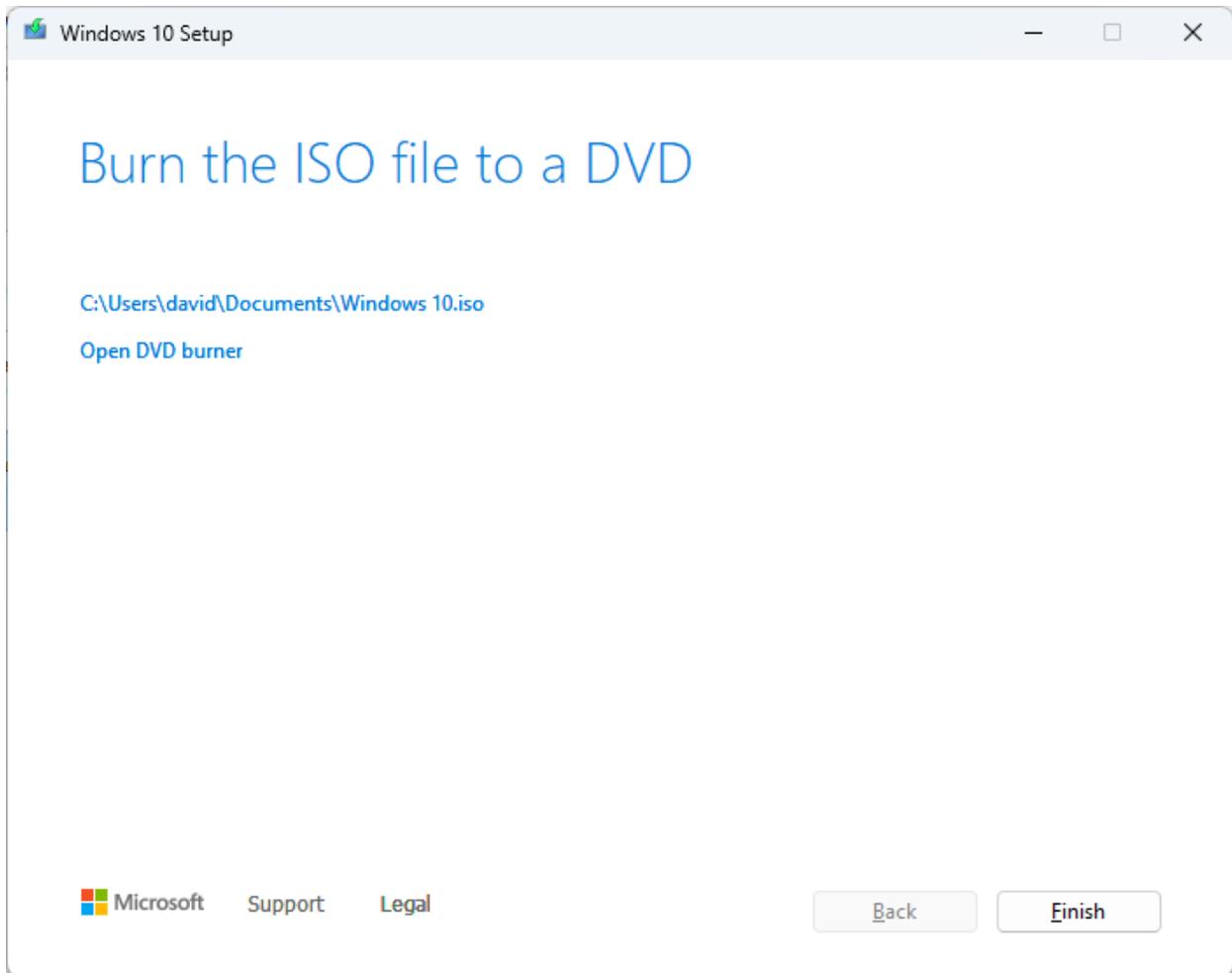
Then click next



Select iso file . then next



Change name to window10.iso



While it is downloading (could take long time base on your internet speed). It is a 4.55 gb file.

Download and install virtual box

from:

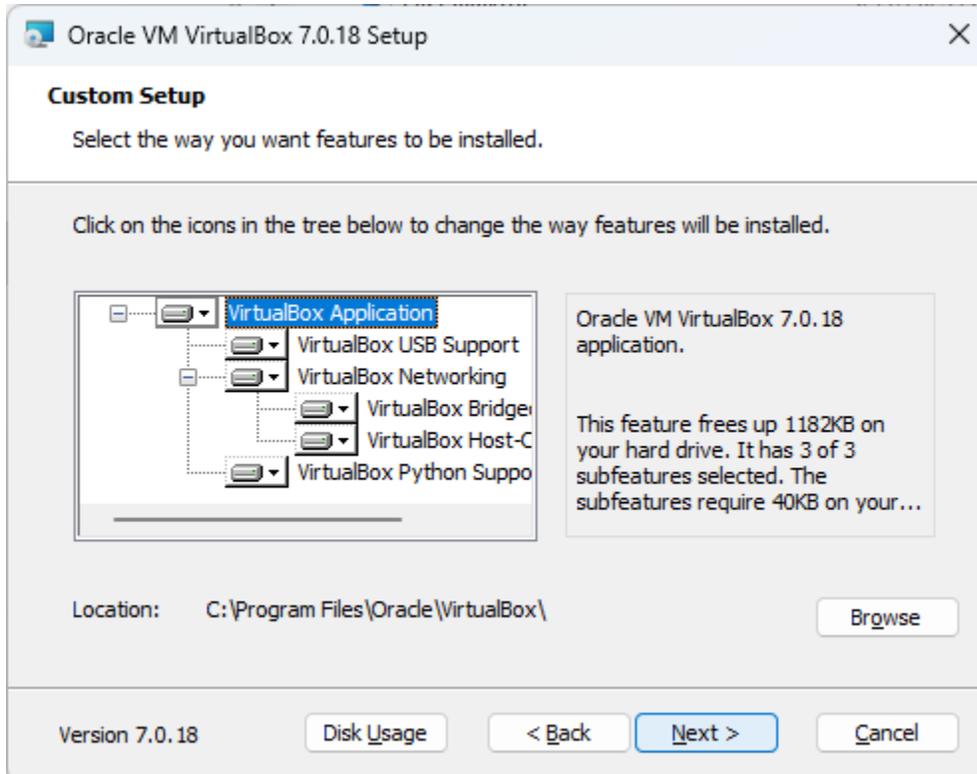
<https://download.virtualbox.org/virtualbox/7.0.18/VirtualBox-7.0.18-162988-Win.exe>

and the extension pack

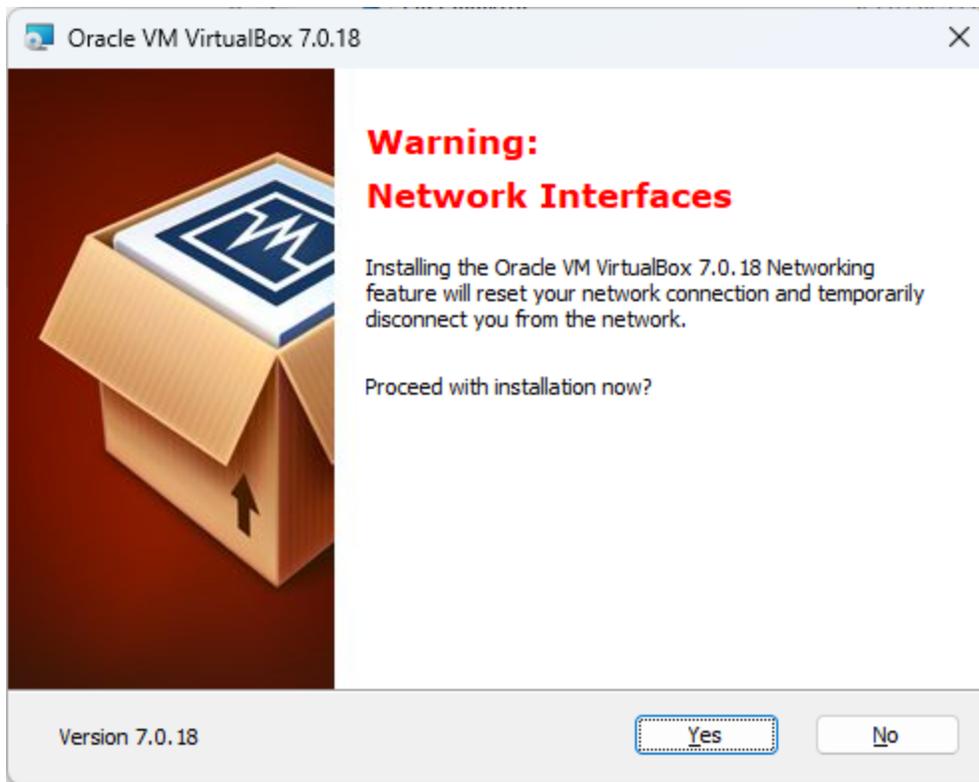
https://download.virtualbox.org/virtualbox/7.0.18/Oracle_VM_VirtualBox_Extension_Pack-7.0.18.vbox-extpack



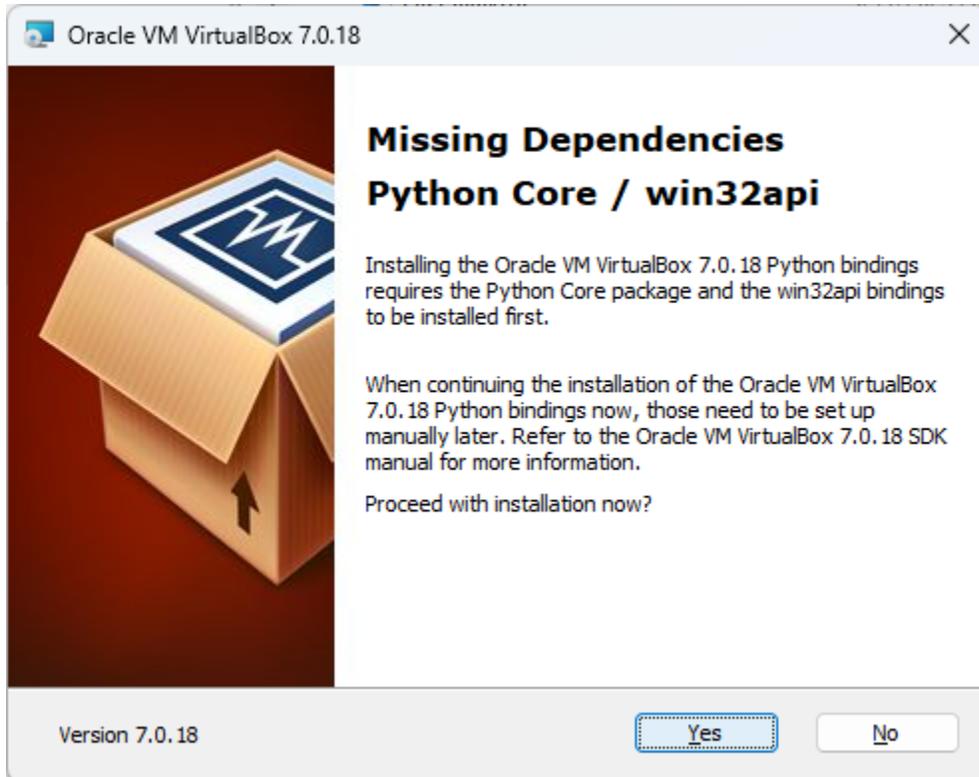
Next



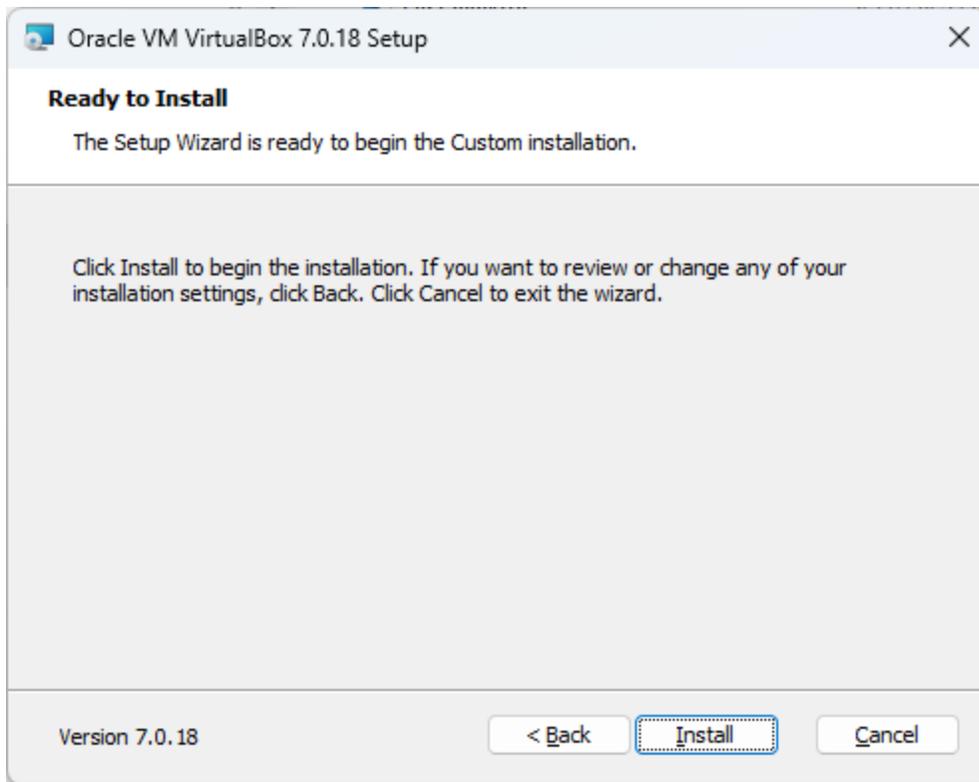
Next



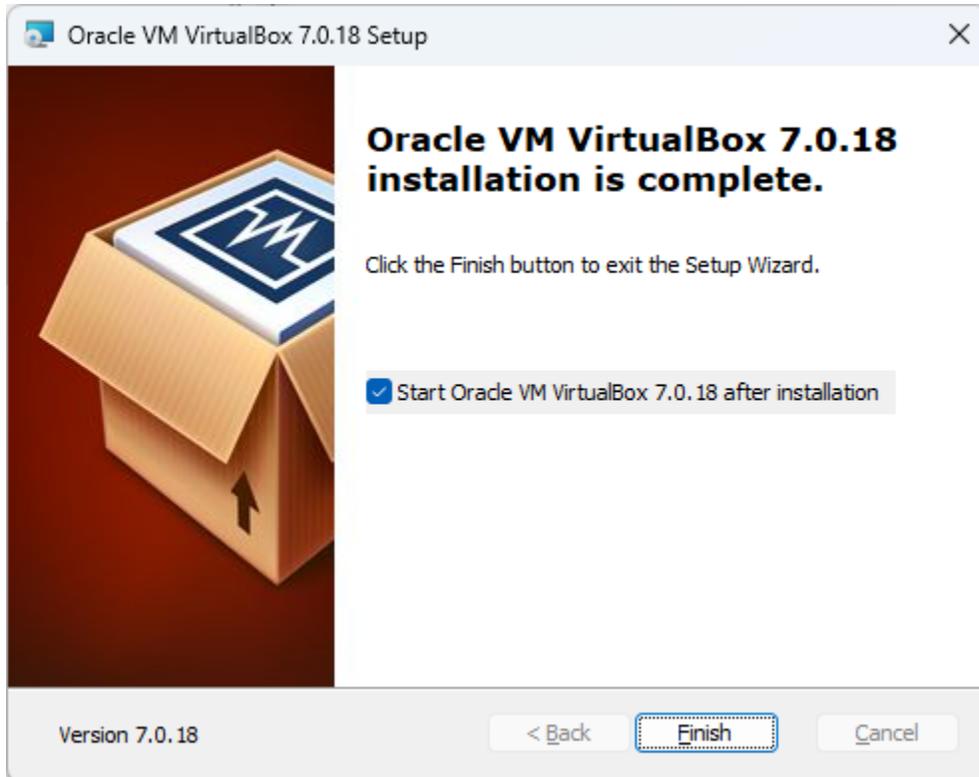
Click yes



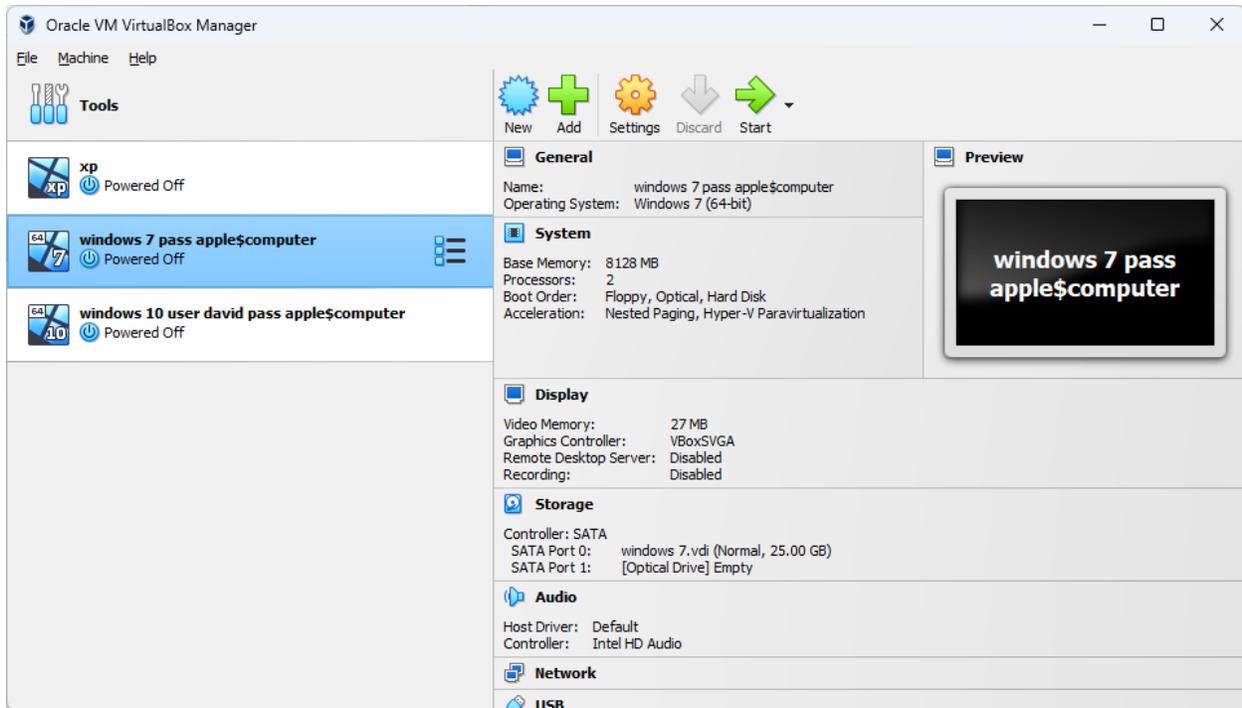
Click yes



Click install



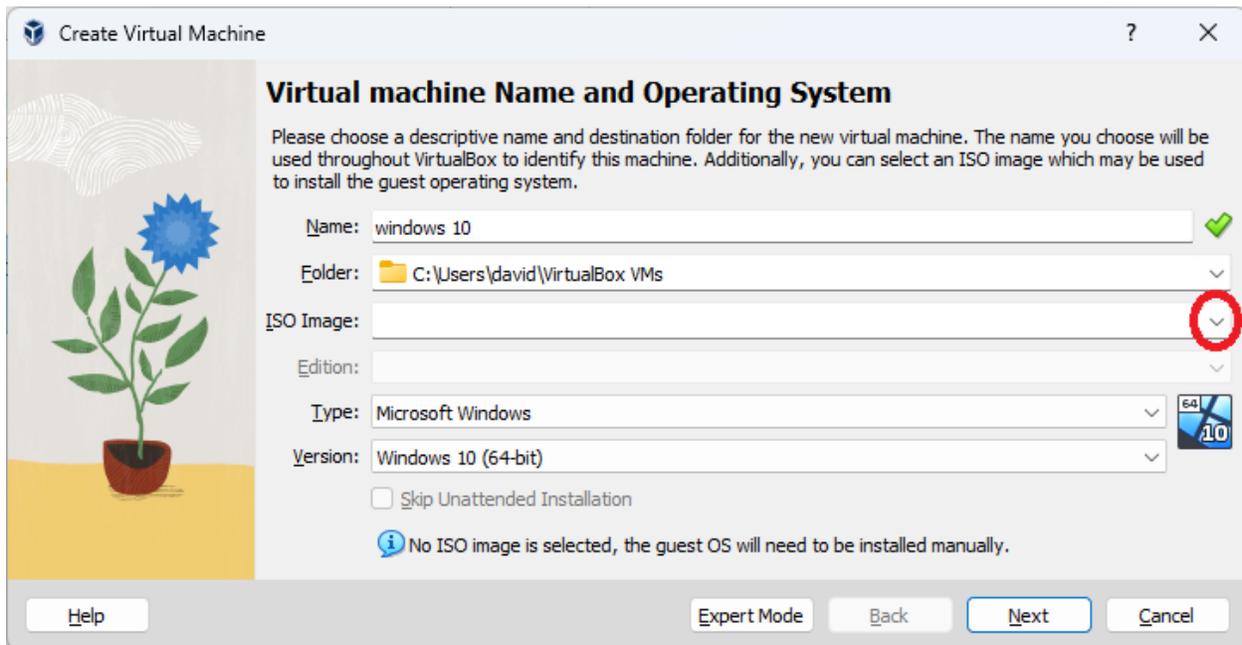
Click finish and start virtual box



Wait for windows 10 iso to finish downloading

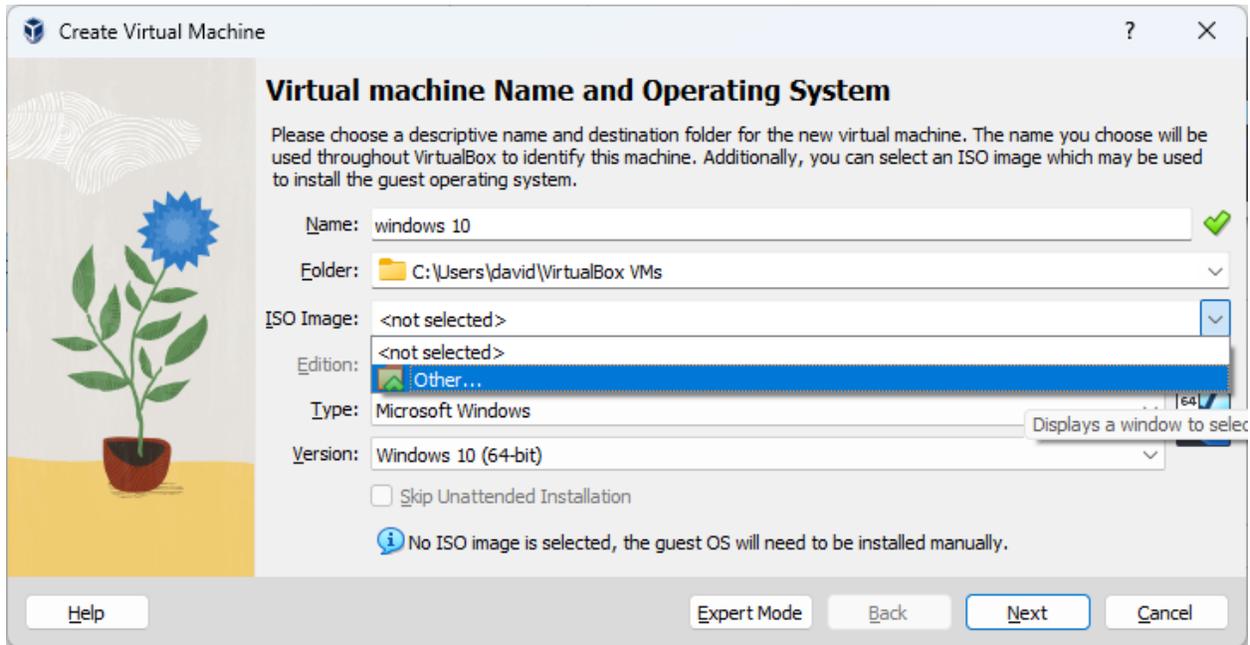
Create a virtual machine

Click blue star new icon

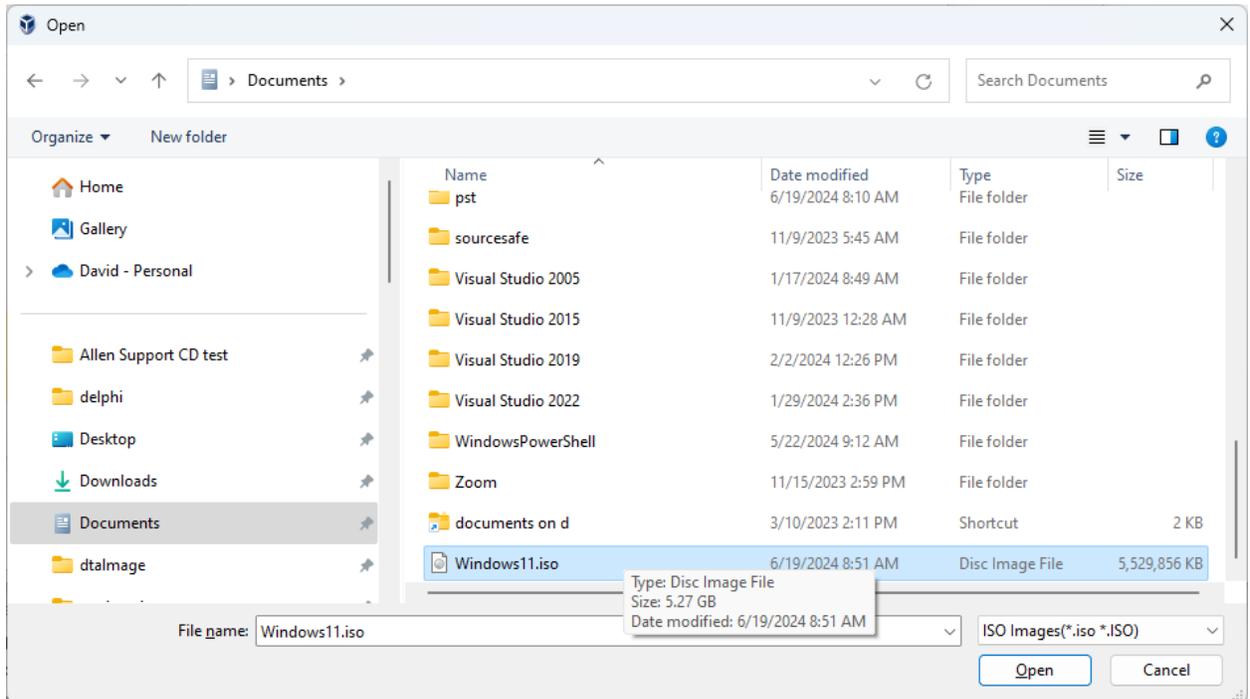


Enter name windows 10

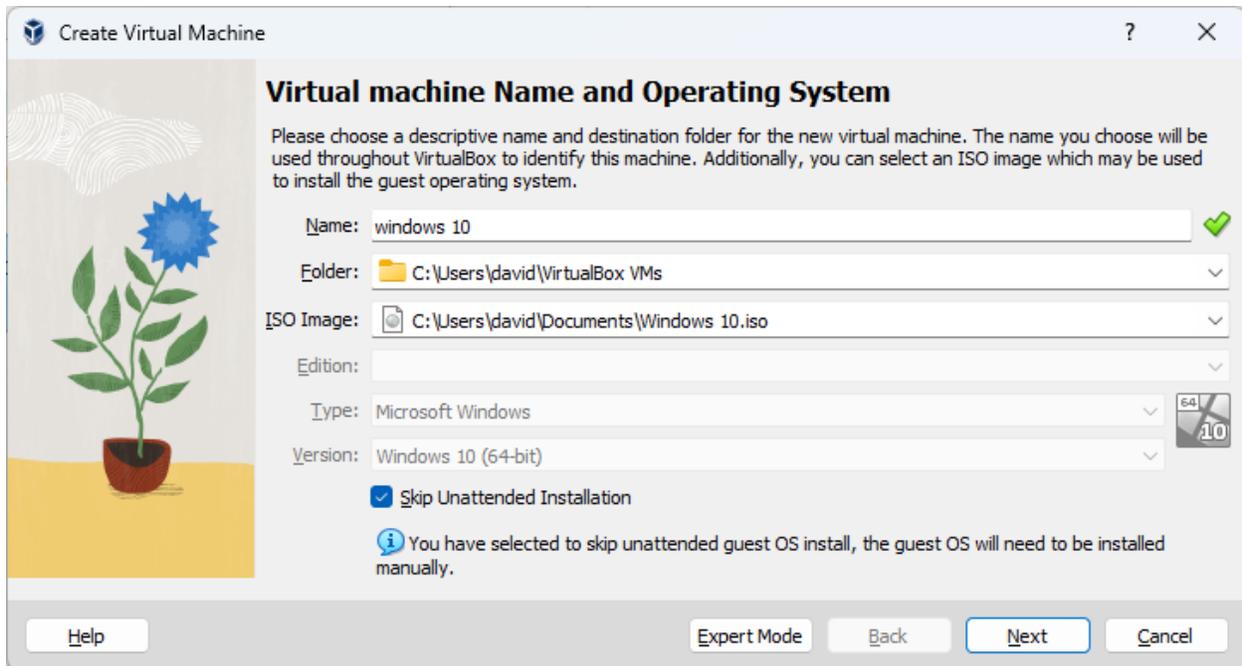
Click on arrow in oval



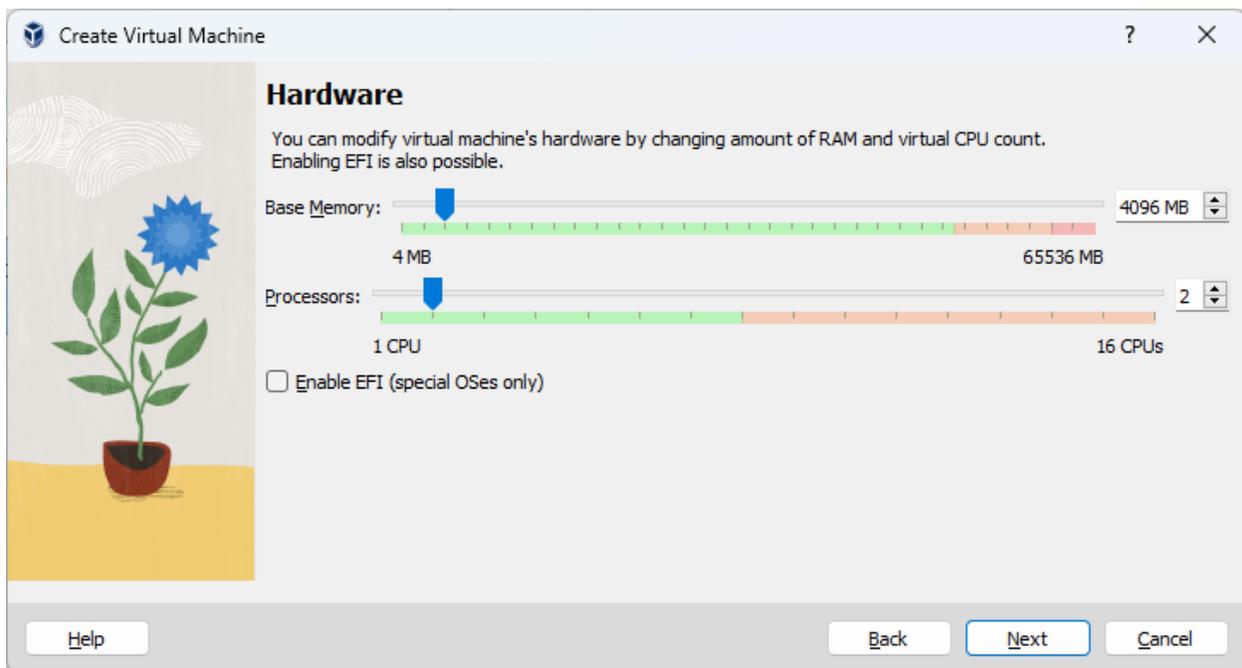
Select other



Find your windows 10 iso you downloaded and click open



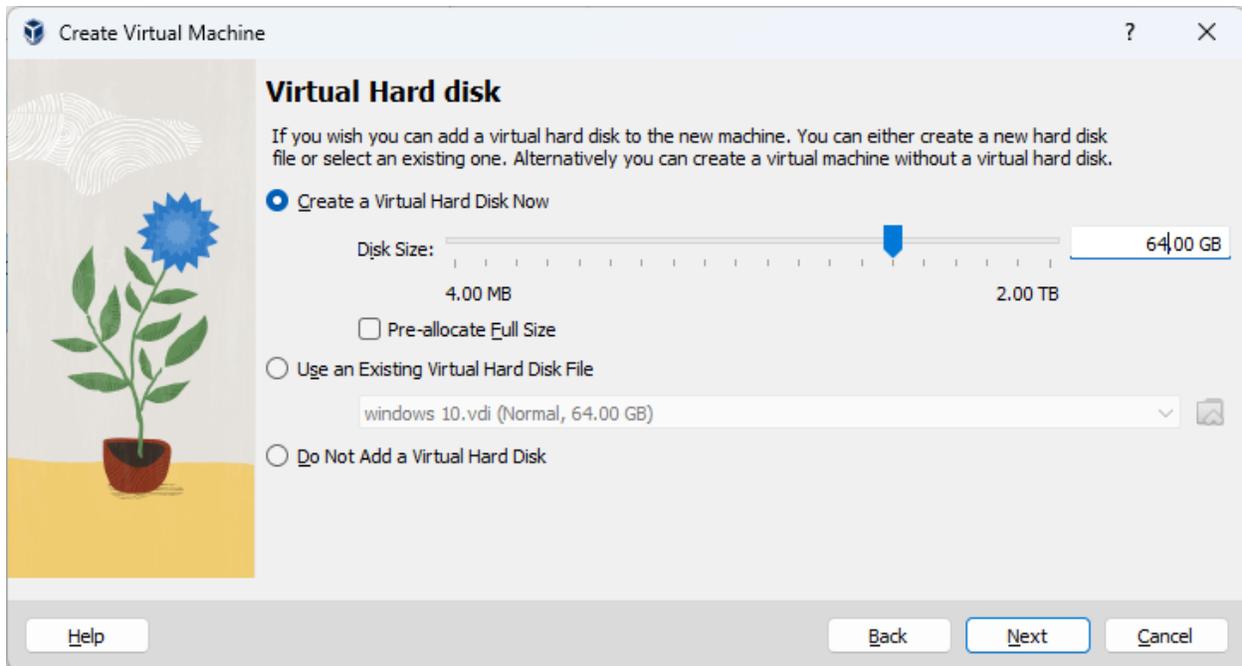
Check skip unattended installation. Click next



Enter memory size of 4096 (should be less than 1/2 of your available memory)

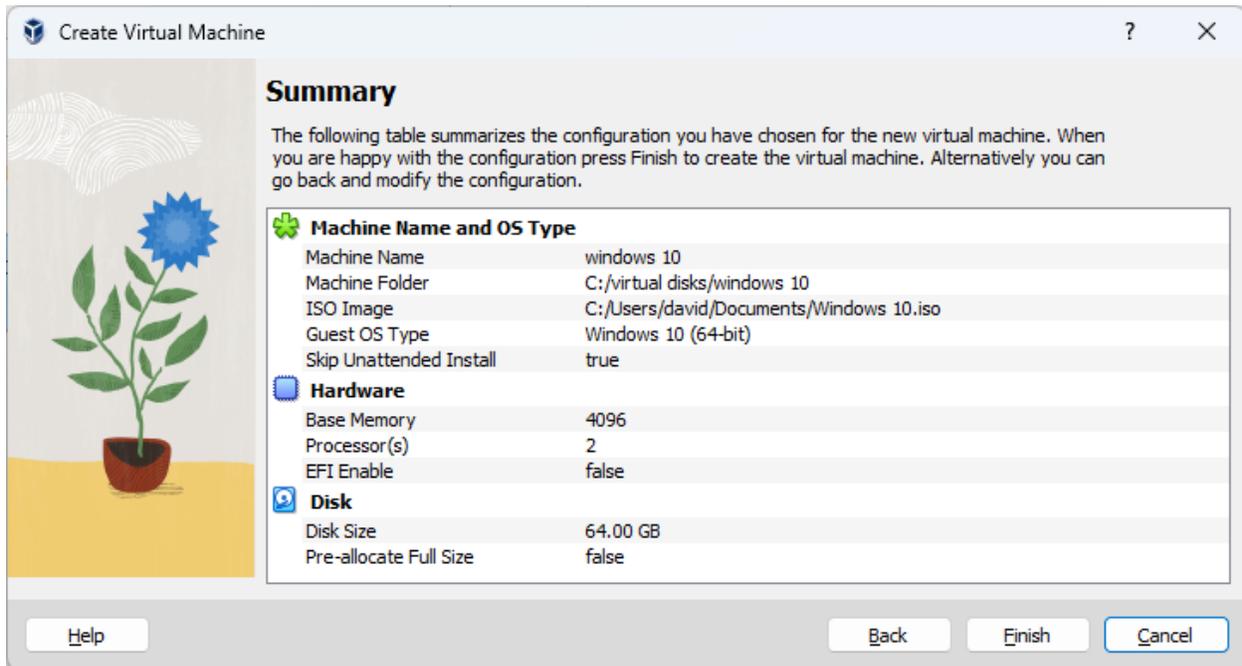
Select 2 cpu's

Click next

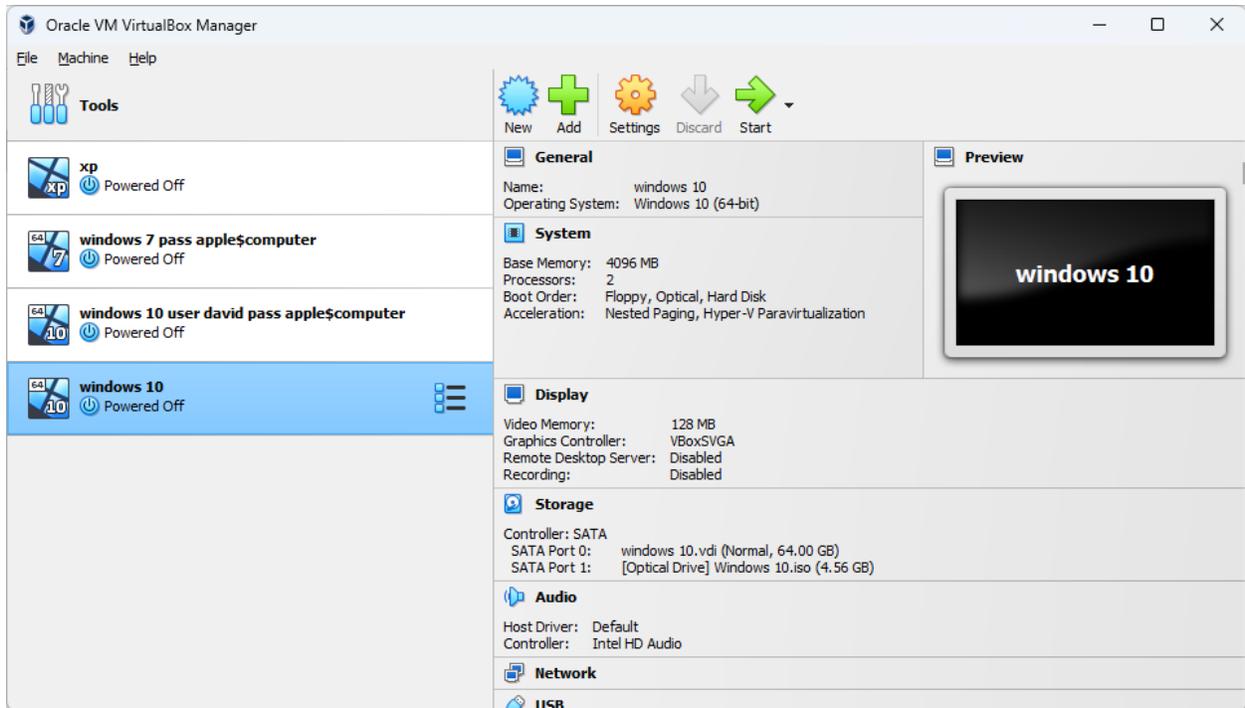


Change disk size to 64 gb for virtual disk. Do not check pre allocate full size

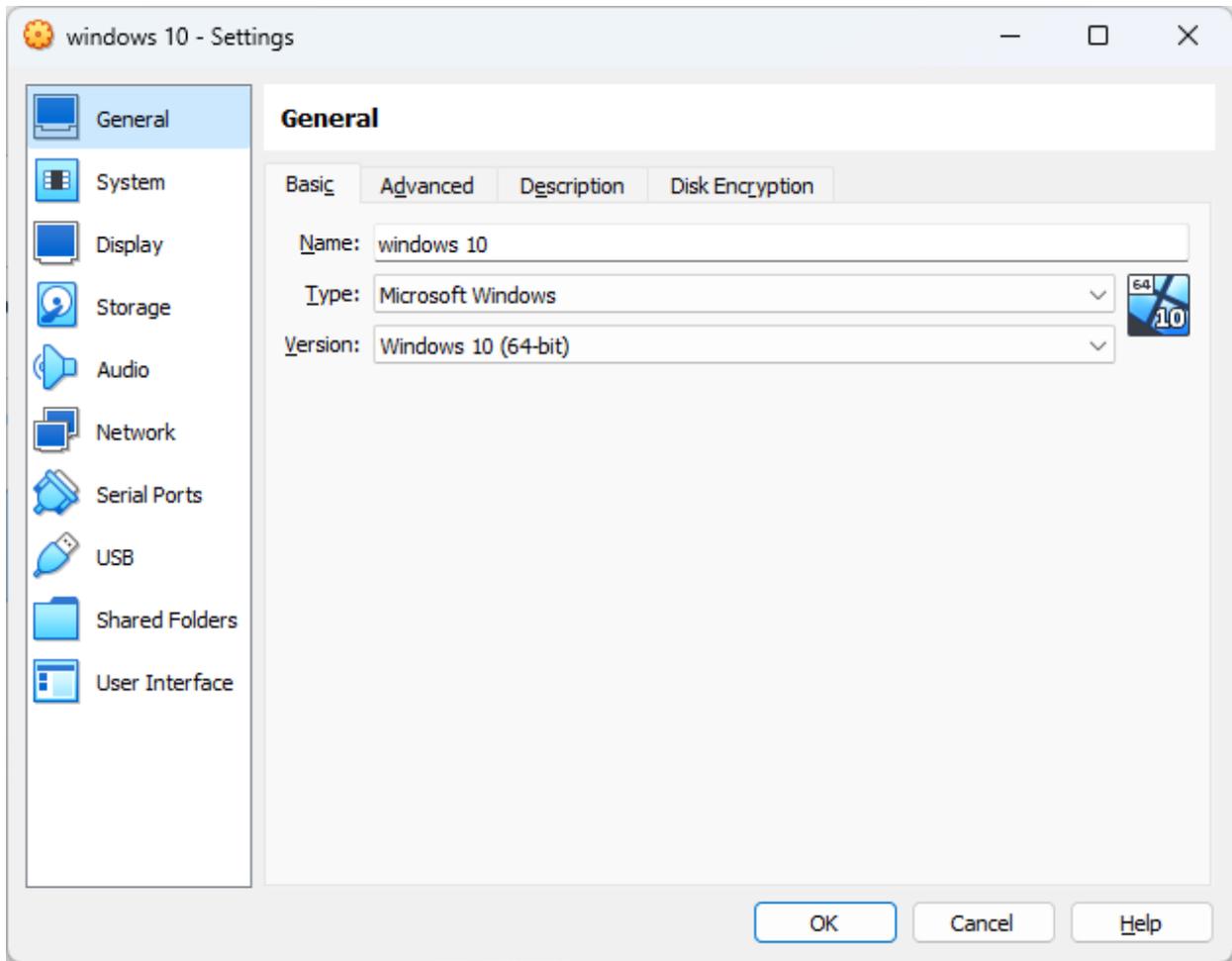
Click next



Click finish

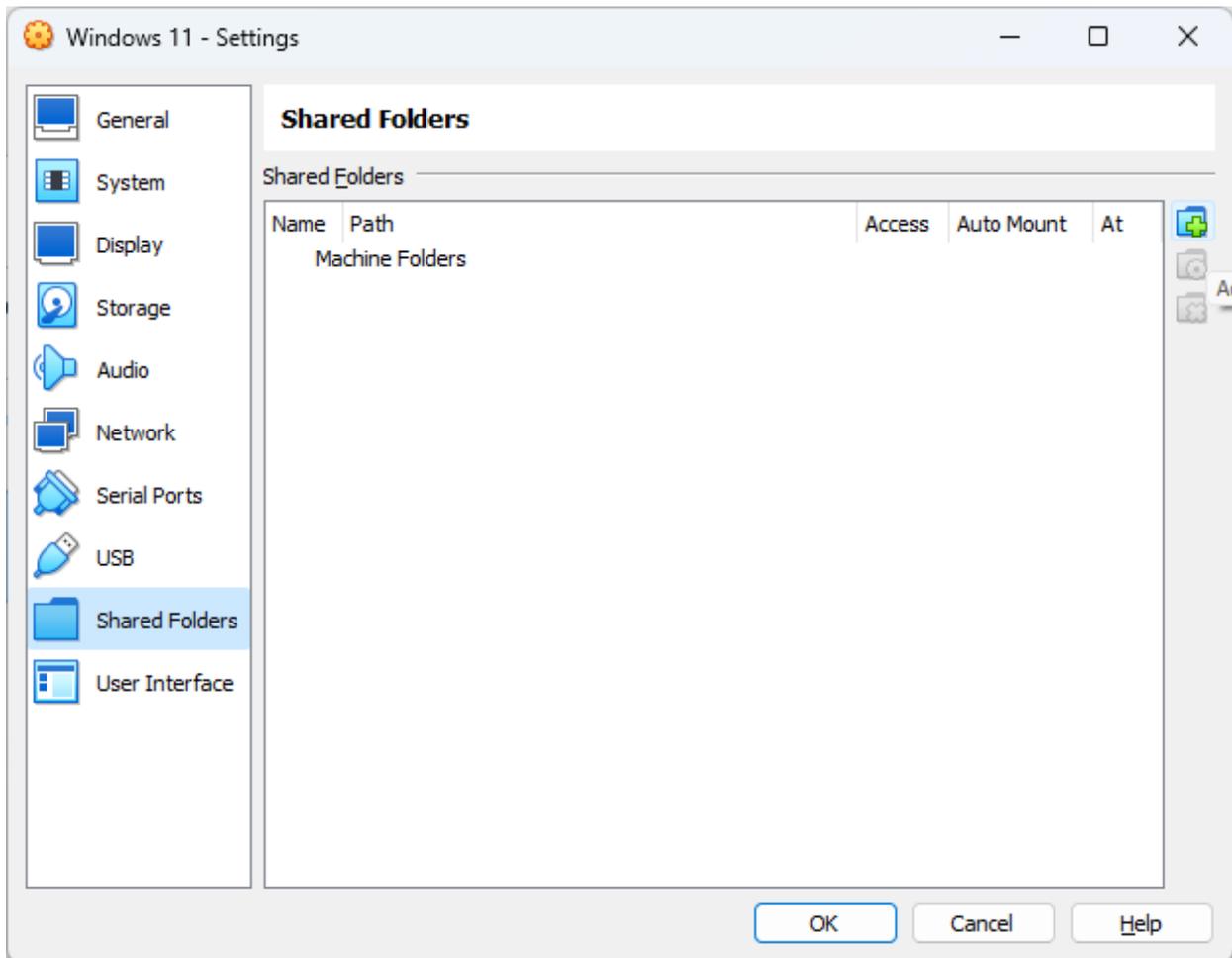


Click gold gear settings

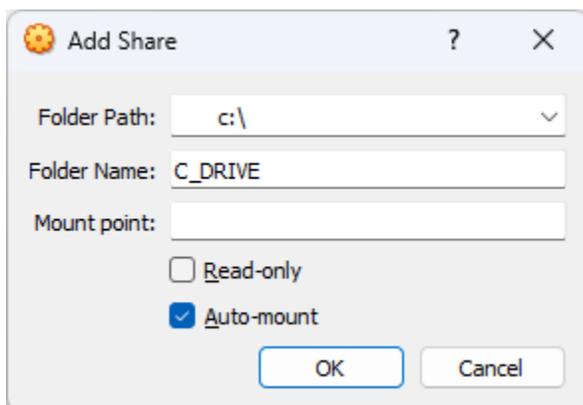


Select shared folders

Attached shared folders to virtual machine

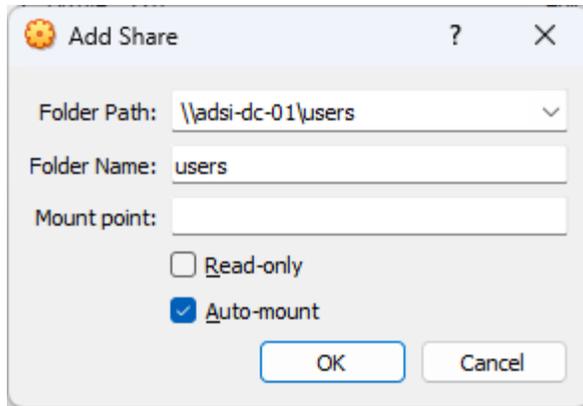


Click on + to add new shared folder



Enter c:\ for folder path and click auto-mount. This will allow access to your files on your virtual computer

If you have a shared directory mounted create a shared folder for it as well.

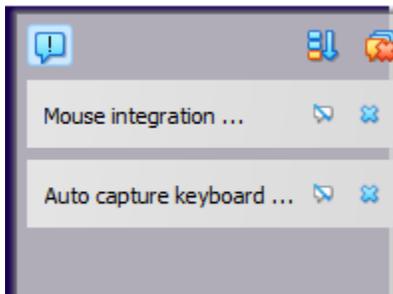


e.g. for machine assi-dc-01 share users

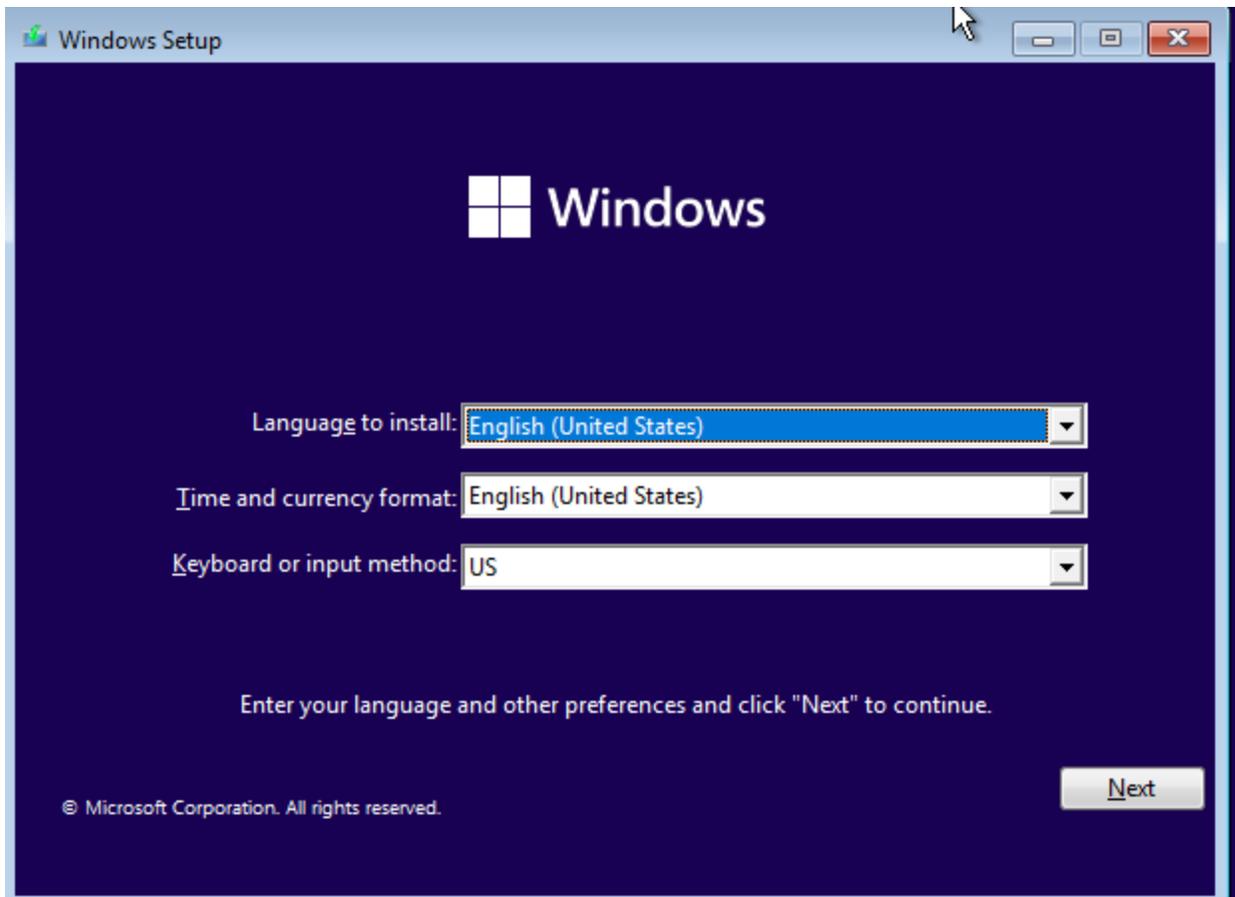
click ok, ok to get back to virtual box

Start virtual machine and install windows 10

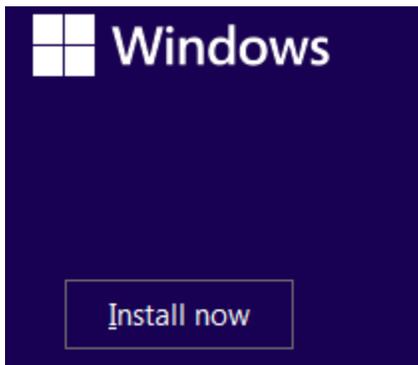
click green arrow to start installation of os



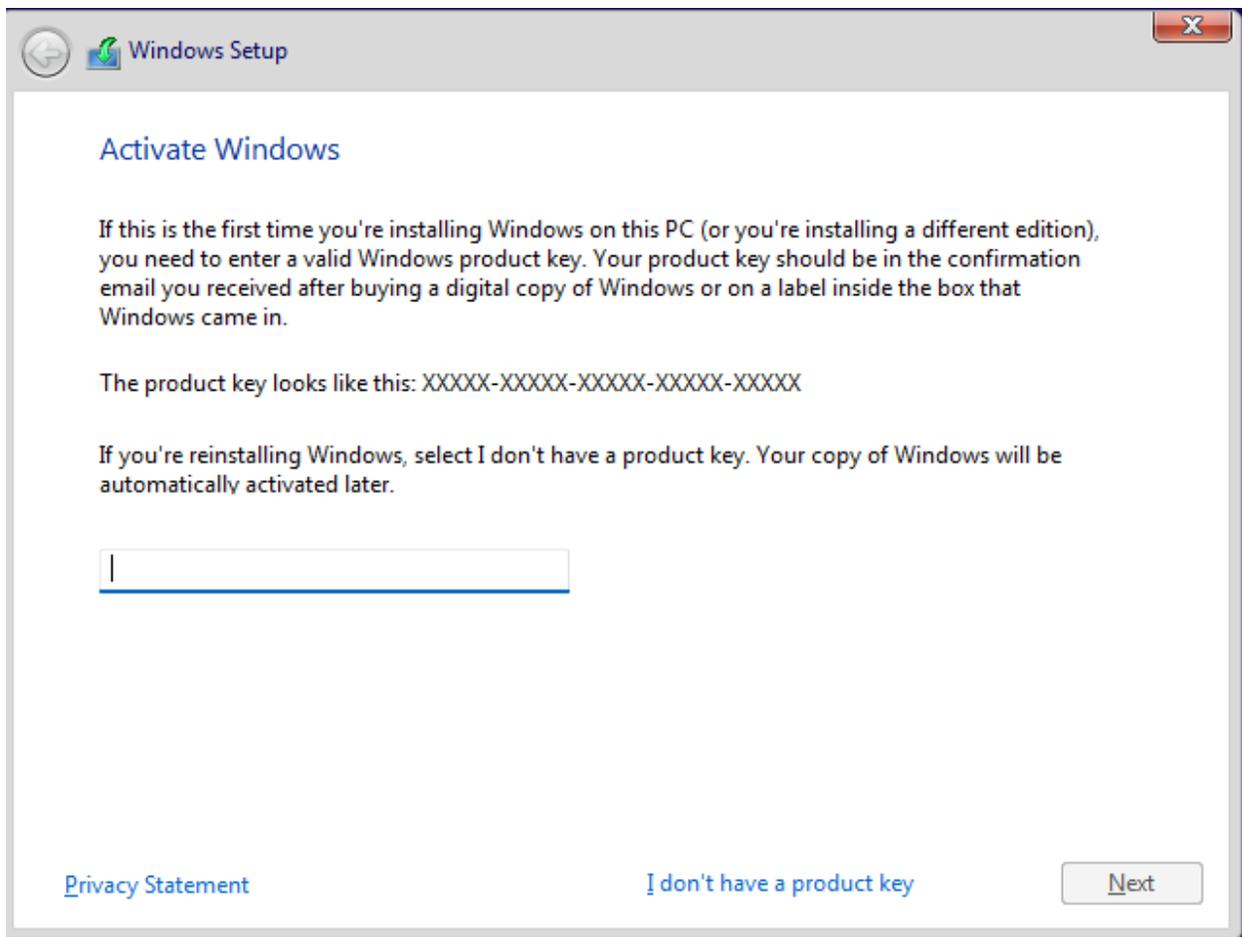
Click on green x's to close mouse and keyboard warning



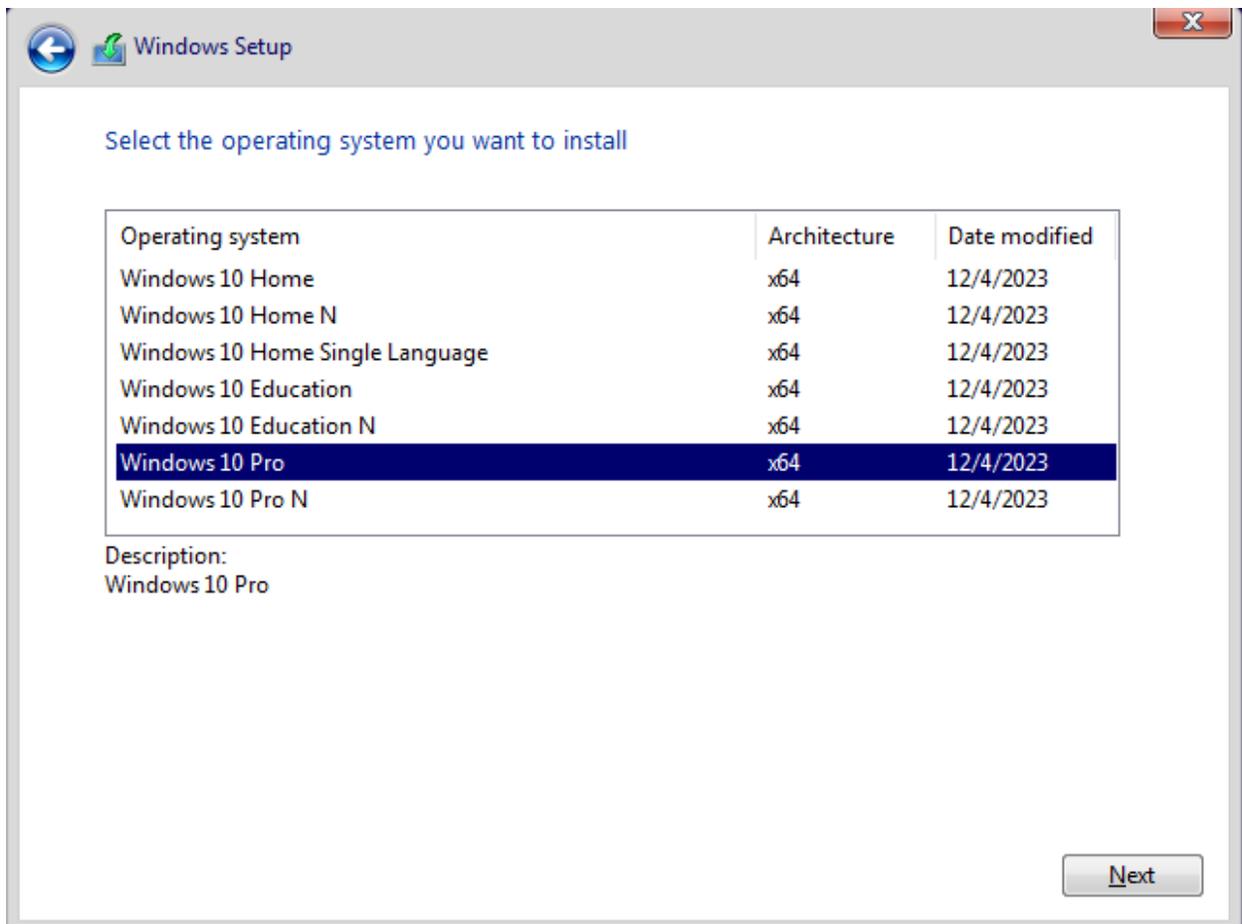
Click next



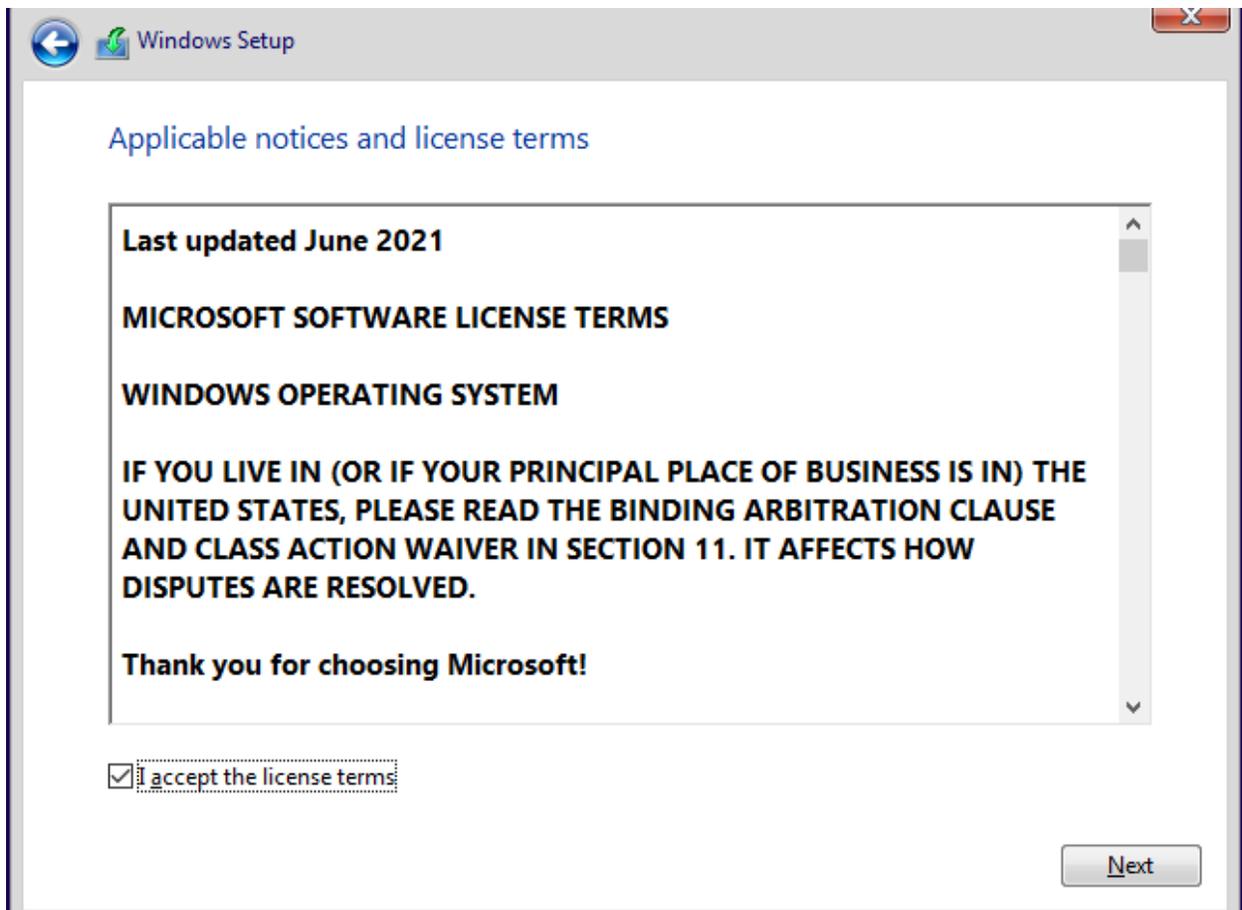
Click install now



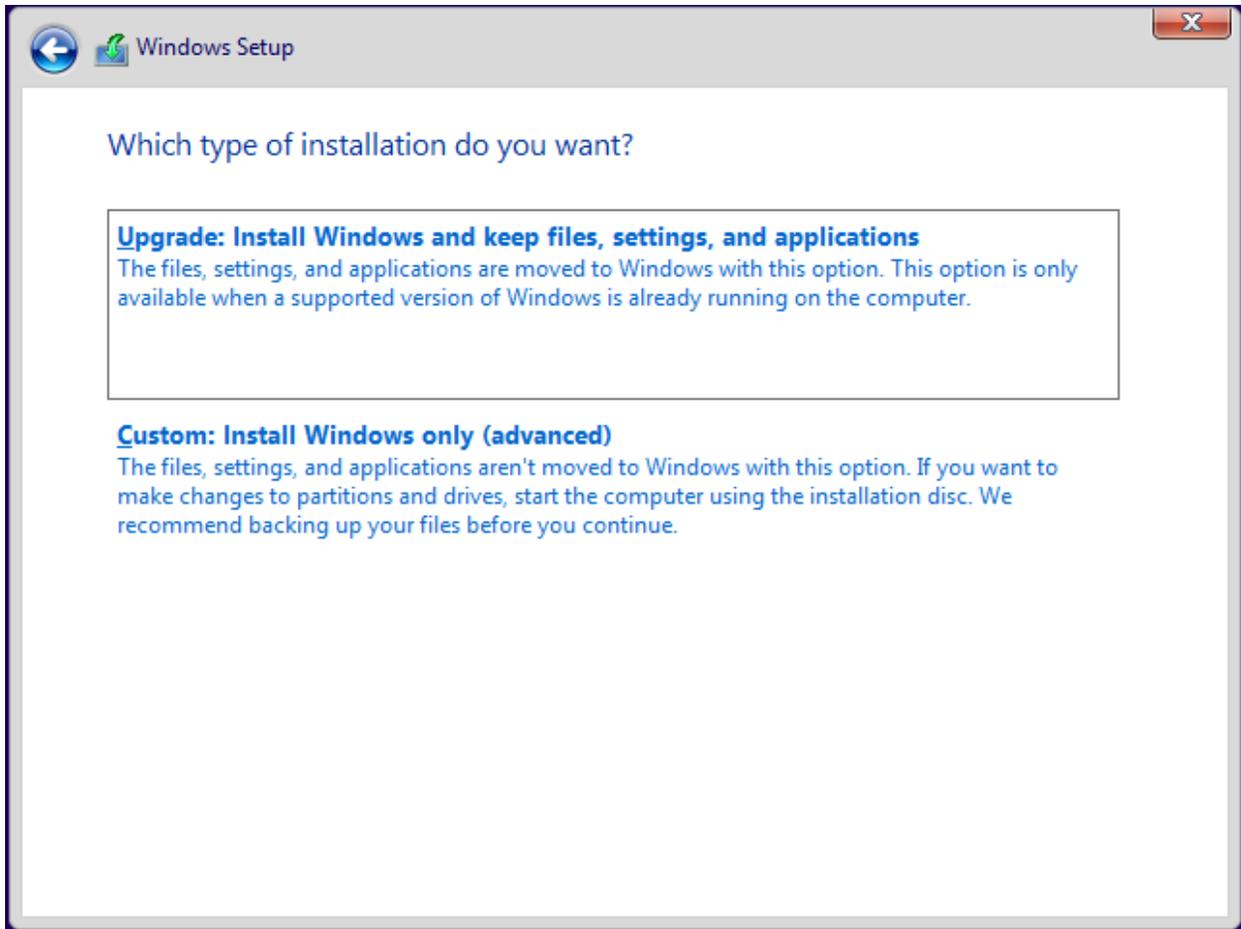
Select I don't have a product key



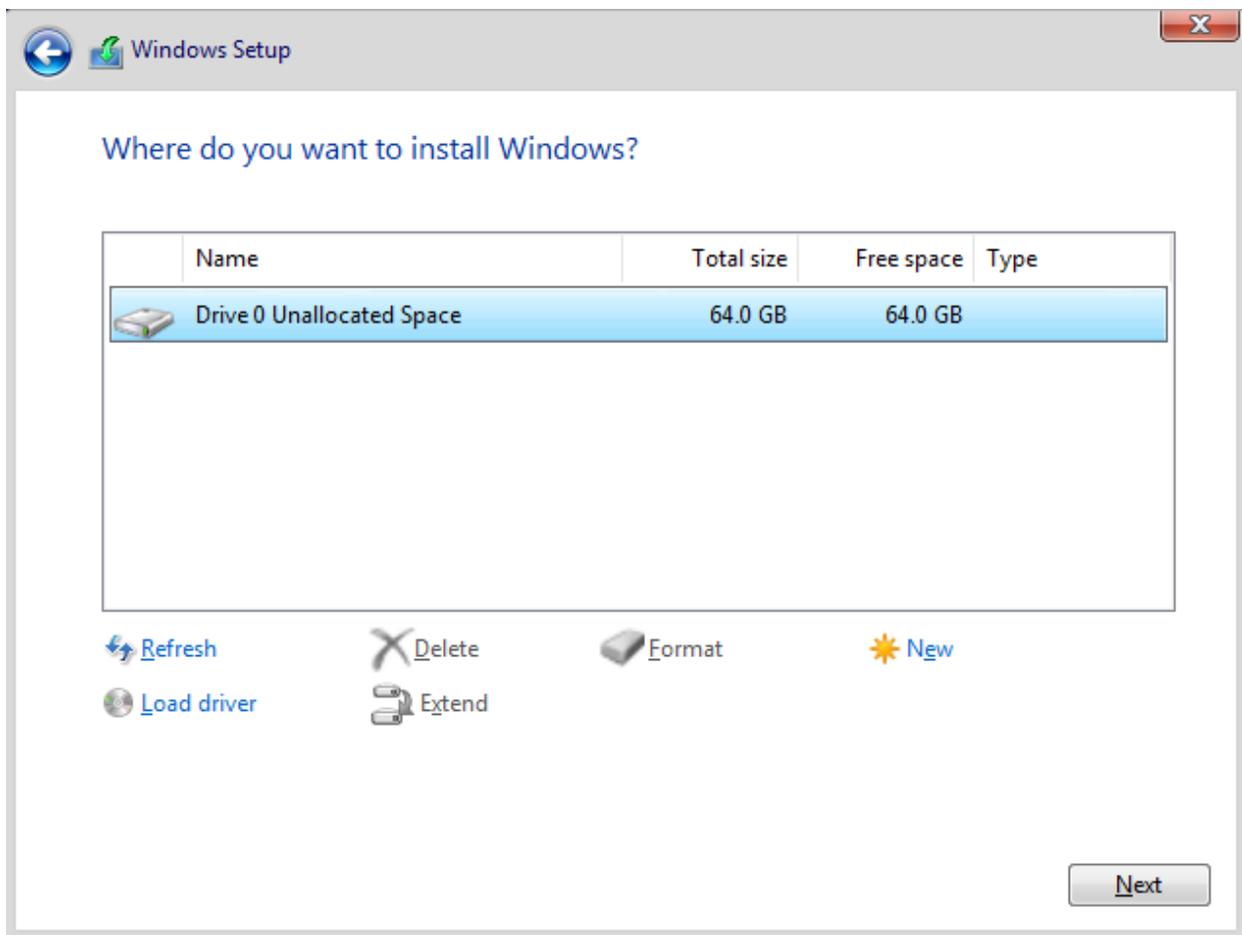
Select window 10 pro and click next



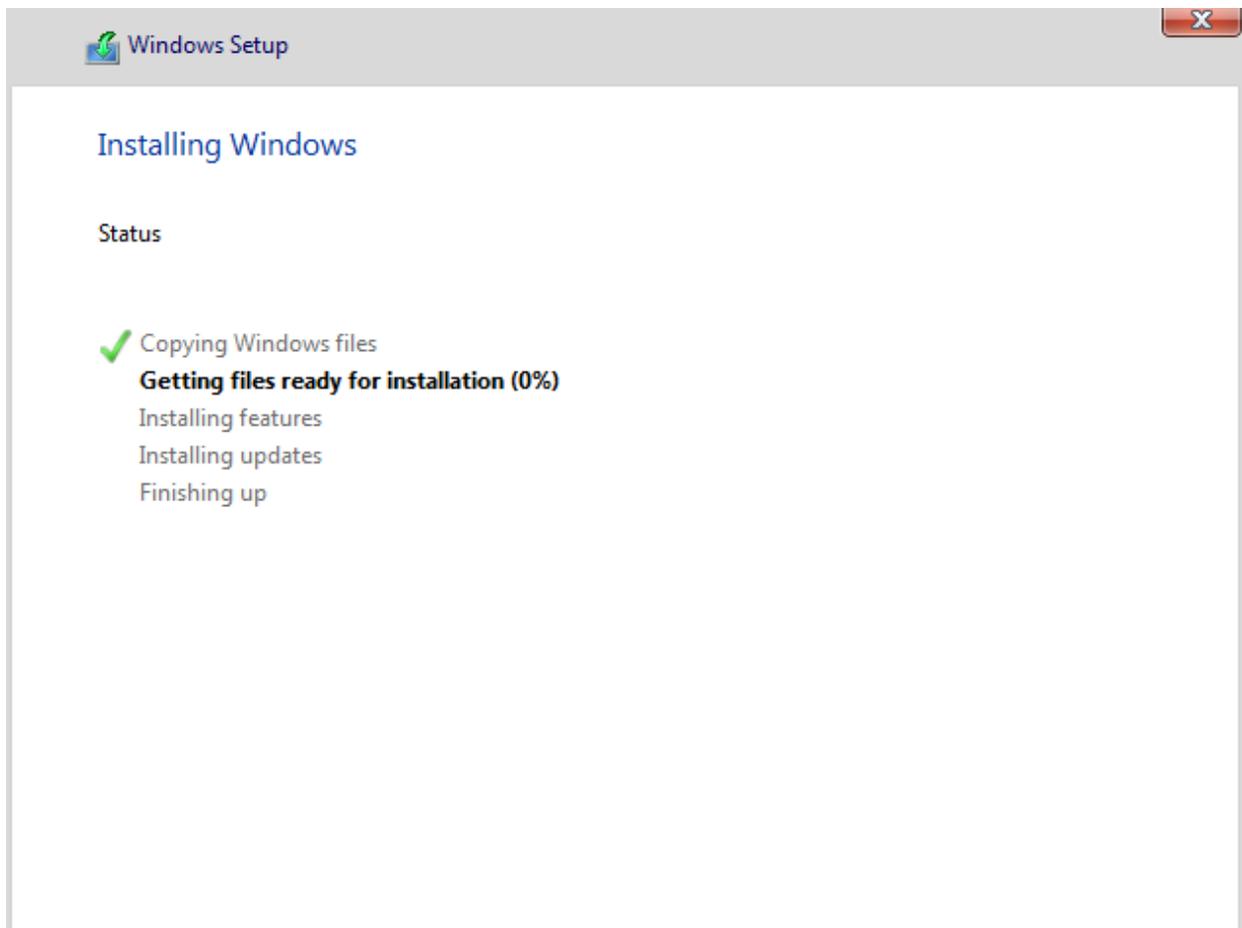
Accept license terms and click next



Select custom: install windows only (advanced)



Click next



Windows starts installing. Takes many minutes

Then system restarts twice

Let's start with region. Is this right?

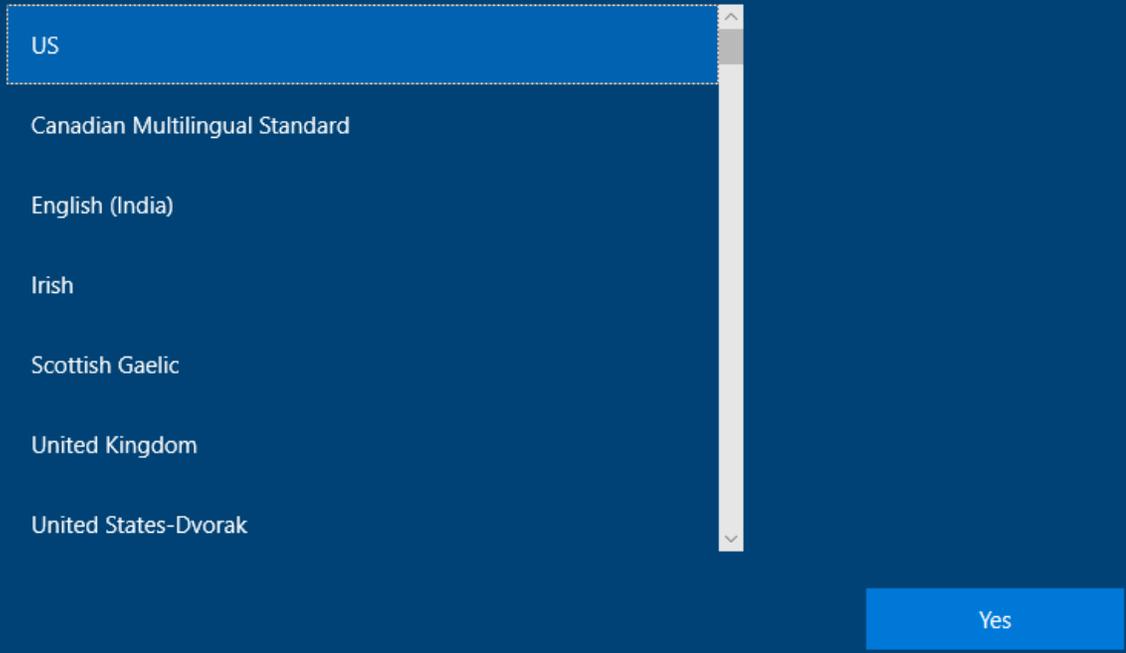
- U.S. Minor Outlying Islands
- U.S. Virgin Islands
- Uganda
- Ukraine
- United Arab Emirates
- United Kingdom
- United States**

Yes

Select region for your os install and click on yes

Is this the right keyboard layout?

If you also use another keyboard layout, you can add that next.



A screenshot of a Windows keyboard layout selection dialog box. The background is a solid dark blue. At the top, the text "Is this the right keyboard layout?" is displayed in white. Below it, a smaller line of white text reads "If you also use another keyboard layout, you can add that next." The main part of the dialog is a list of keyboard layouts, each on a separate line. The first item, "US", is highlighted with a blue background and a white dotted border. The other items are "Canadian Multilingual Standard", "English (India)", "Irish", "Scottish Gaelic", "United Kingdom", and "United States-Dvorak". To the right of the list is a vertical scrollbar with a white track and a grey slider. At the bottom right of the dialog is a blue button with the word "Yes" in white text.

US

Canadian Multilingual Standard

English (India)

Irish

Scottish Gaelic

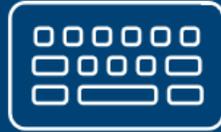
United Kingdom

United States-Dvorak

Yes

Select keyboard for install and click yes

Want to add a second keyboard layout?



Add layout

Skip

Click skip

This takes many minutes

How would you like to set up?



Set up for personal use

We'll help you set it up with a personal Microsoft account. You'll have full control over this device.



Set up for an organization

You'll gain access to your organization's resources like email, network, apps, and services. Your organization will have full control over this device.

Next

Select setup for organization and next



Sign in with Microsoft

Work or school account

[Sign in with a security key](#)

Which account should I use?

Sign in with the username and password you use with Office 365 or other business services from Microsoft.

[Privacy & cookies](#)

[Terms of use](#)

Next

Enter your work email and click next

Click use a different option

Select an option you use for 2 factor authentication and authenticate and click next

Choose privacy settings for your device

Microsoft puts you in control of your privacy. Choose your settings, then select 'Accept' to save them. You can change these settings at any time.

Location

Get location-based experiences like directions and weather. Let Windows and apps request your location and allow Microsoft to use your location data to improve location services.

Yes

Diagnostic data

Send info about the websites you browse and how you use apps and features, plus additional info about device health, device activity, and enhanced error reporting. Required diagnostic data will always be included when you choose to send Optional diagnostic data.

Send Required and Optional diagnostic data

Tailored experiences

Let Microsoft use your diagnostic data, excluding information about websites you browse, to offer you personalized tips, ads, and recommendations to enhance your Microsoft experiences.

Yes

Find my device

Turn on Find my device and use your device's location data to help you find your device if you lose it. You must sign in to Windows with your Microsoft account to use this feature.

Yes

Inking & typing

Send optional inking and typing diagnostic data to Microsoft to improve the language recognition and suggestion capabilities of apps and services running on Windows.

Yes

Advertising ID

Apps can use advertising ID to provide more personalized advertising in accordance with the privacy policy of the app provider.

Yes

[Learn more](#)

[Accept](#)

You can choose privacy settings and click accept

Enter your password

Enter the password for dtalmage@allendatagraph.com

[Forgot password?](#)

Back

Next

Enter your email password and click next

Use Windows Hello with your account

Your organization requires you to set up your work or school account with Windows Hello Face, Fingerprint, or PIN.

If you've already set up Windows Hello on this device, we'll automatically add it for this account. You may be asked to re-verify with Windows Hello.

If your organization requires a more complex PIN, Windows will prompt you to change it.



OK

Click ok

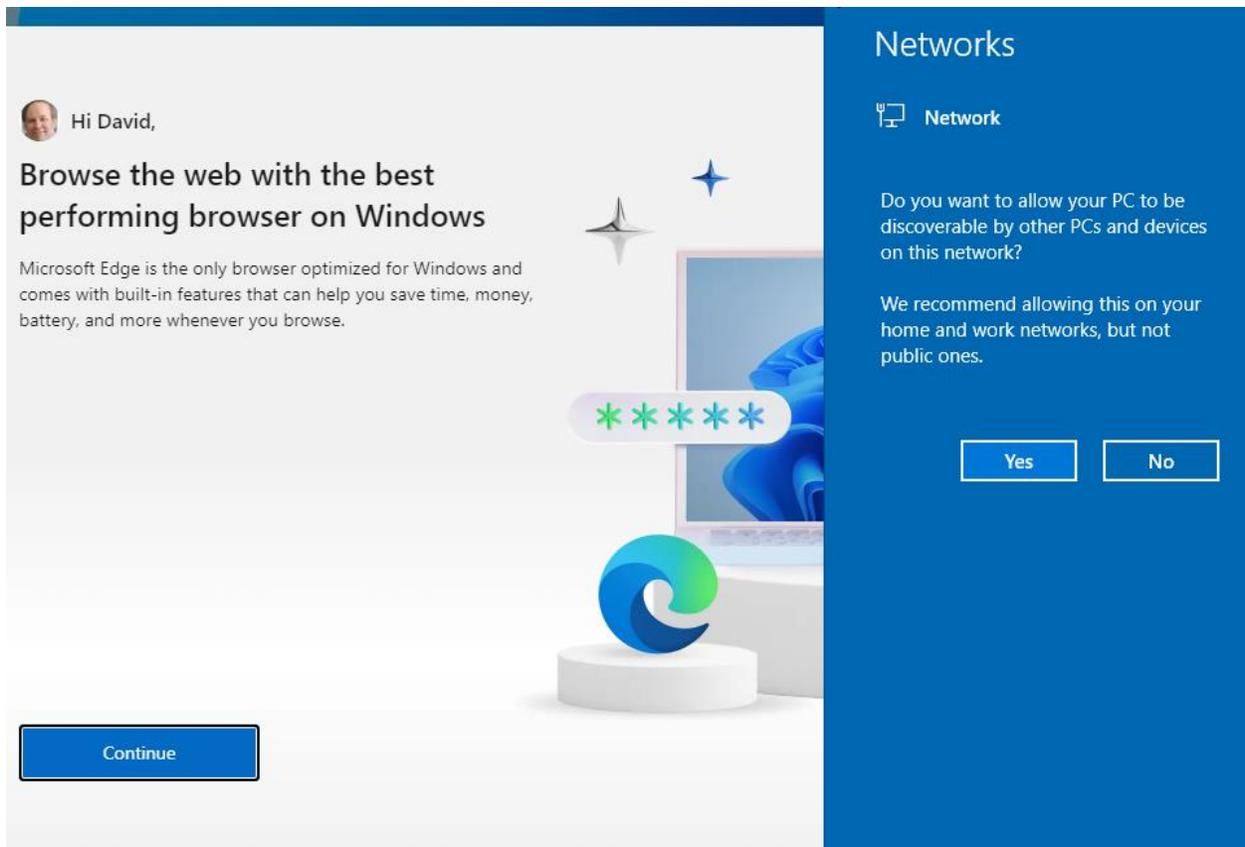
Enter a pin for your virtual computer. **Don't forget it.**

All set!

You can sign in with your PIN now.



OK



Click no on network select. Then continue on edge



Hi David,

Welcome to Microsoft Edge

You're almost set up

Your data and privacy preferences are syncing on this device while signed into Microsoft Edge with dtalimage@allendatagraph.com. [Manage](#)

[Confirm and continue](#)

[Microsoft Privacy Statement](#)



Then click on confirm and continue

If you use a Google browser with sync turned on, we can help you import your bookmarks, passwords, history, and more from Google so you are ready to go with Microsoft Edge. [Manage](#)

Sign in to Google to continue

Continue without this data

[Microsoft Privacy Statement](#)

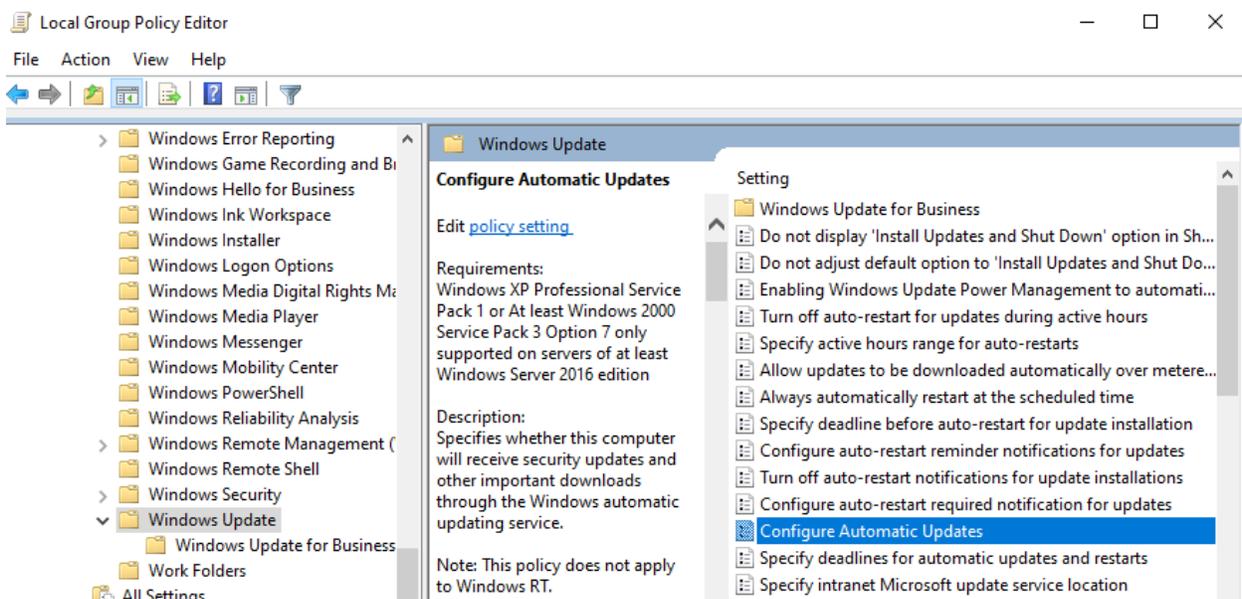
Make a choice. Continue without has less prompts

Close or minimize edge

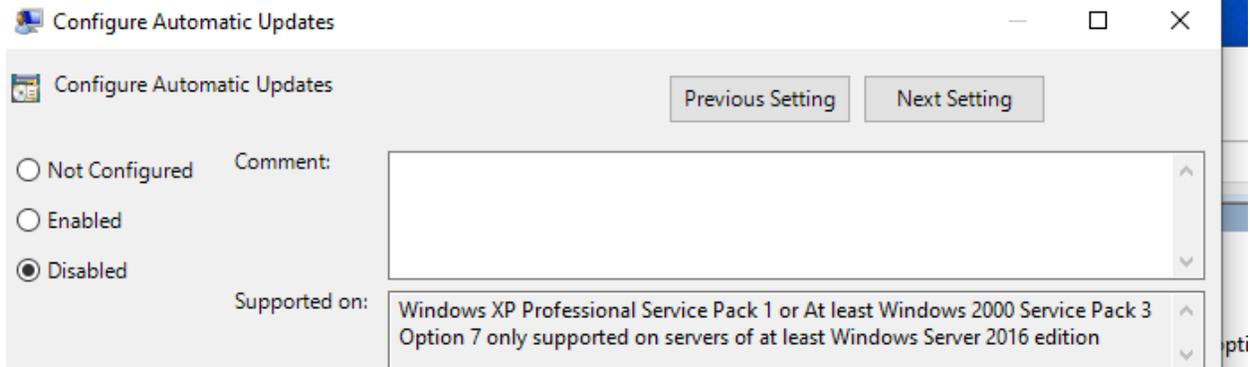
Disable windows updates

click on start and type gpedit and start edit group policy

open administrative templates -> windows components then click on windows update on left side



double click on configure automatic updates

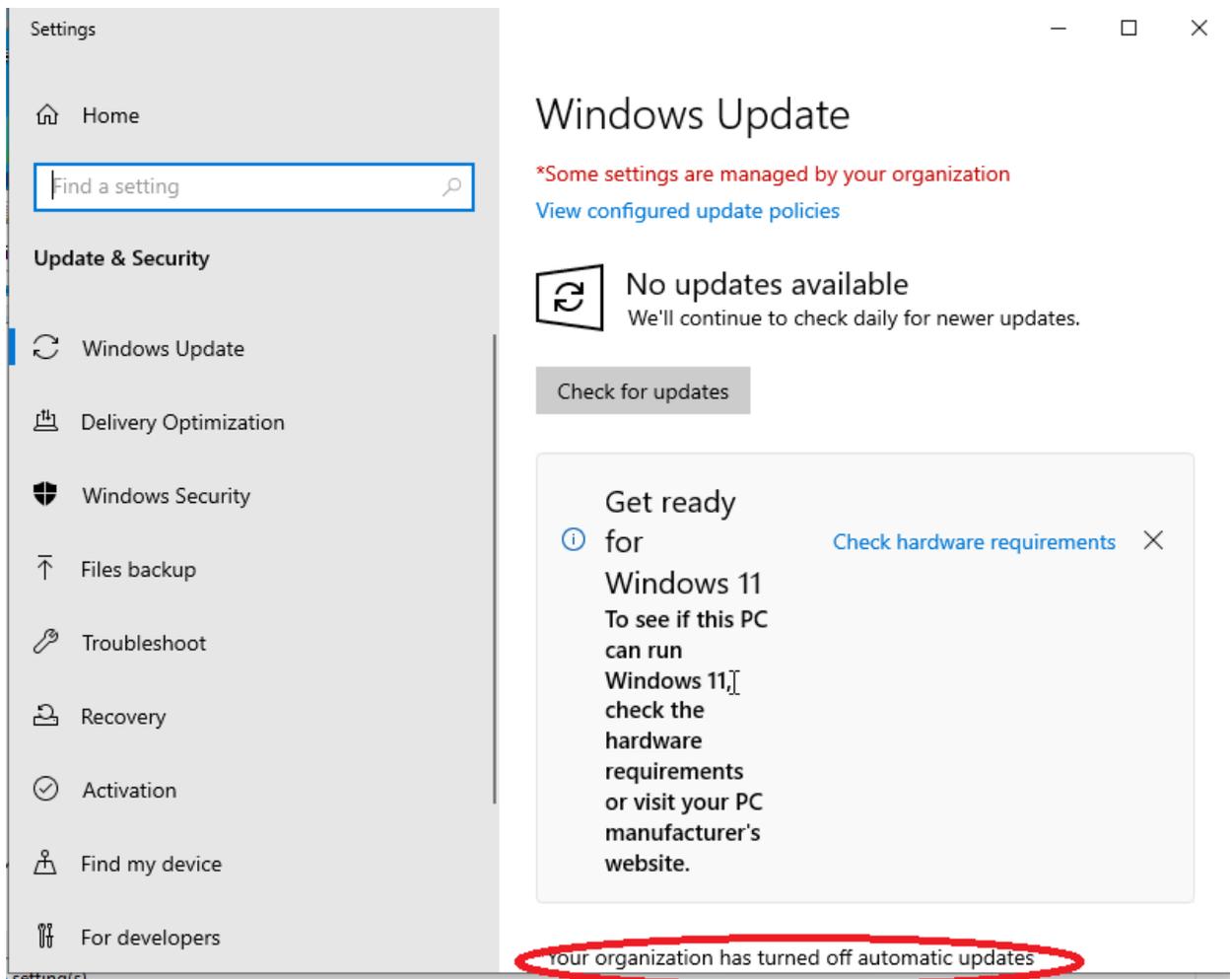


Select disabled and click on ok

You can close gpedit.

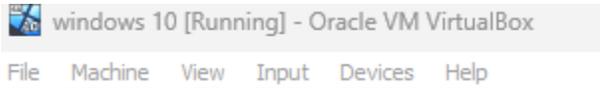
Click on start and search for updates

Start check for windows updates



Make sure it says your organization has turned off automatic updates

Install guest extensions to map shared folders



Click devices – insert guest extensions cd image

Start a filemanager

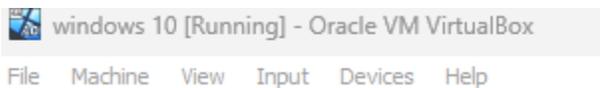
Click on d drive

Double click on vboxWindowsAdditions – amd64

And reboot virtual machine

This will mount your shared drives as z, y

Share your clipboard between host and virtual machine

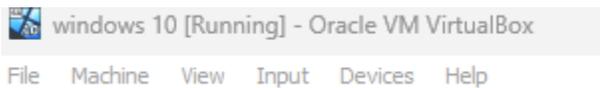


Click on devices -> shared clipboard -> bi directional

Assign your usb port to virtual machine

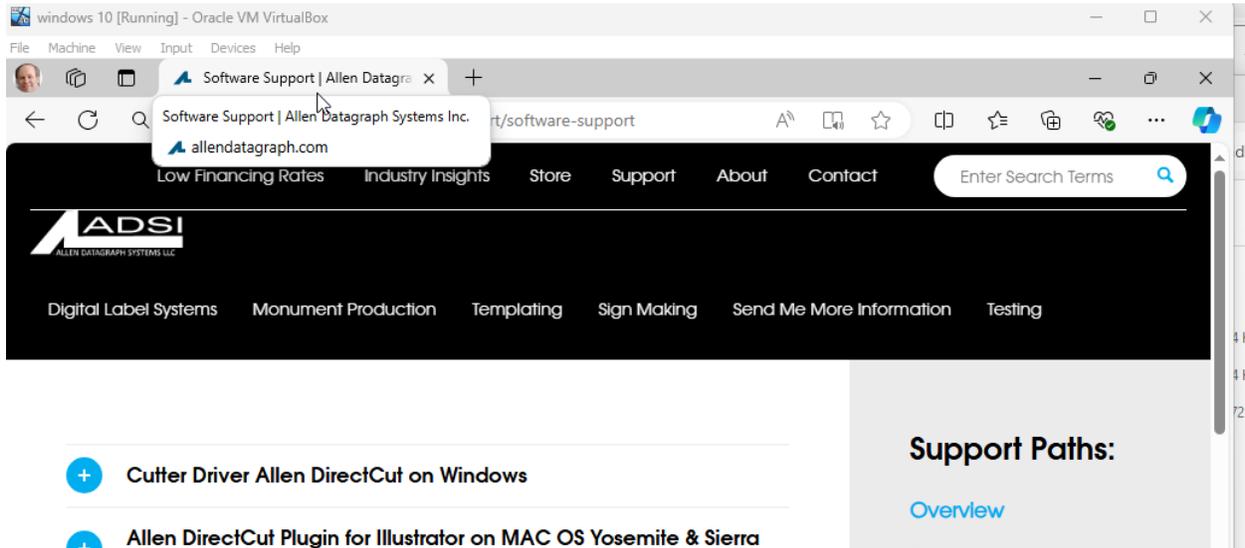
use virtual machine to assign usb to it

connect your cutter to your computer via usb or ethernet



if usb select devices -> usb – usb port assigned to cutter e.g. adsis equipment or ftdi ft230x

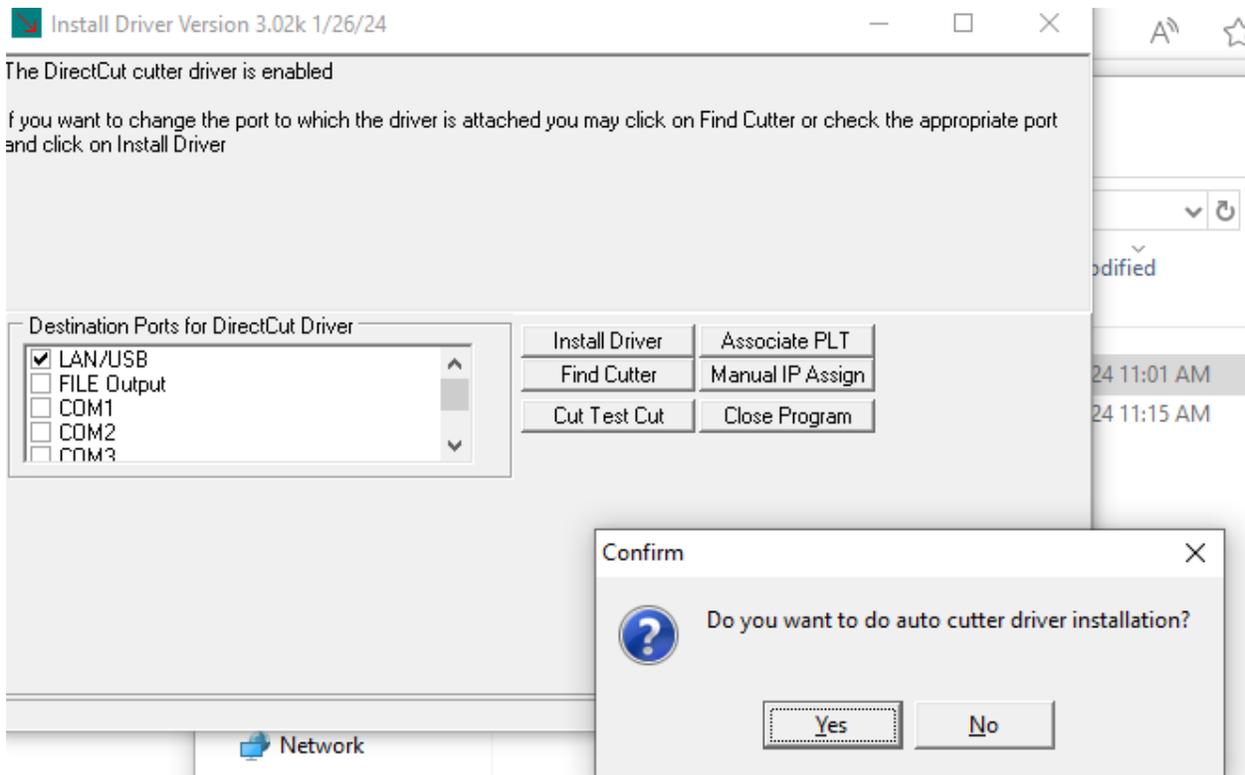
Download and Install cutter driver on virtual machine



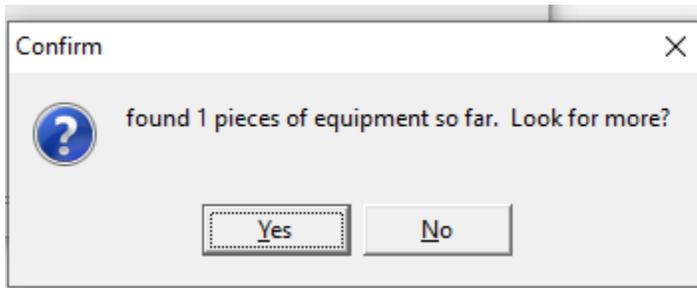
Start edge and go to <https://allendatagraph.com/support/software-support>

Click on plus in front of cutter driver and download 3.02L

Run setup



Then click on yes



Click no

Select new direct driver in drop down for print

Click ok.

Use working cutter driver

Install your artwork program (allencad, illustrator, composer, etc) on virtual computer

For allencad you can use read only mode. It can open and cut files

Click file open. Open dwg/dxf you created with your host version of allencad

Highlite counter top you want to cut

Click on tile

Select cutter driver. (you might have to click on default properties once)

Click on cut

This should send the job to the selected printer