

# Instructions on how to install Windows 10, install Windows 10 with USB from A to Z details

Instructions on how to install Windows 10, install Windows 10 with USB from A to Z details. If you are trying to install Windows 10 with USB, but it is unclear how to do it, just follow the instructions from A to Z of Thuthuatphanmem.vn below.

Launched in 2015, but so far we can assert that Windows 10 is the most successful version of this operating system with a series of preeminent features. And with just one USB stick, you can fully bring Windows 10 into your computer. If you are trying to install Windows 10 with USB, but it is unclear how to do it, just follow the instructions from A to Z of **Thuthuatphanmem.vn** below.

*\* In all of this guide, I defaulted the Windows 10 installation drive as drive C (by most users). If your installation drive has a different name, it's the same.*

## 1. Check your computer configuration to install Windows 10

If you want to run Windows 10, your computer should have at least:

- Processor 1 GHz or faster or SoC
- RAM 1 GB (for 32-bit version) or RAM 2 GB (for 64-bit version)
- Hard disk with 16 GB free space (for 32-bit versions) or 20 GB (for 64-bit versions)
- DirectX 9 or higher graphics device with WDDM 1.0 driver
- 800 x 600 display screen

## 2. Prepare

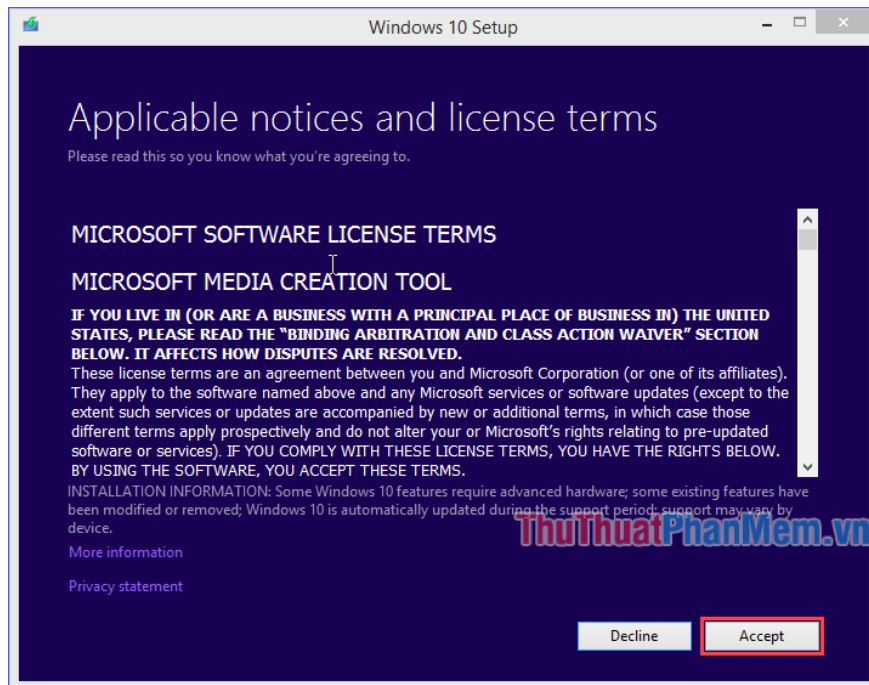
- A minimum capacity of 4GB of USB (with 32-bit version) or 8 GB (with 64-bit version)
- *Media Creation Tool* to download Windows 10 ISO file; If the computer hard drive is GPT, then download the 64-bit Windows ISO file (instructions for viewing the standard hard drive in section **5. Create a USB boot - Step 1**)
- *Rufus* USB boot software (download here)

- Store important files in USB and C drive to another place, because the next process will delete all files in USB and this drive.

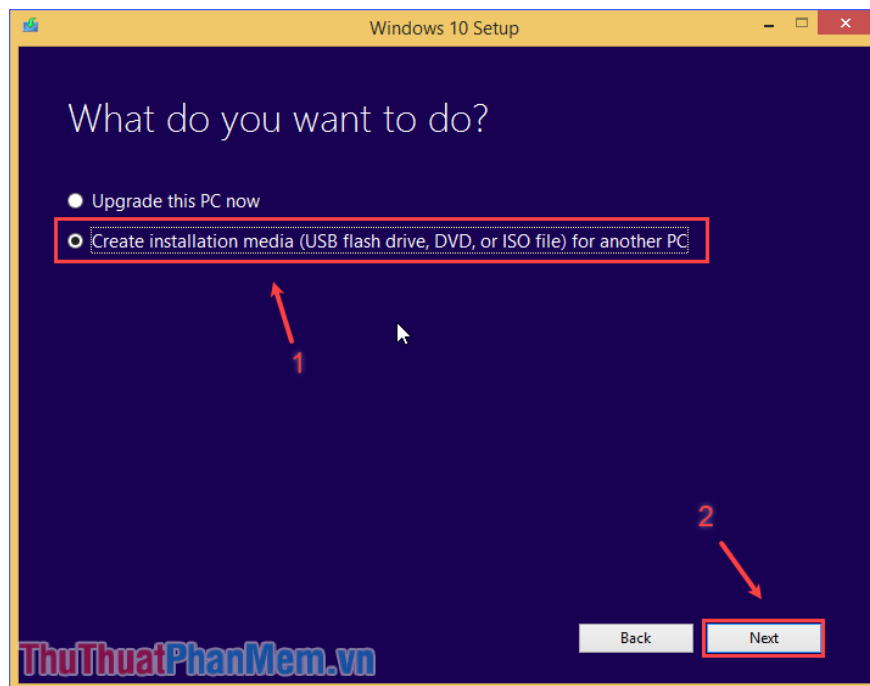
### 3. Download the Windows 10 installation ISO file

- Open the *Media Creation Tool* . Wait a moment for the program to load.

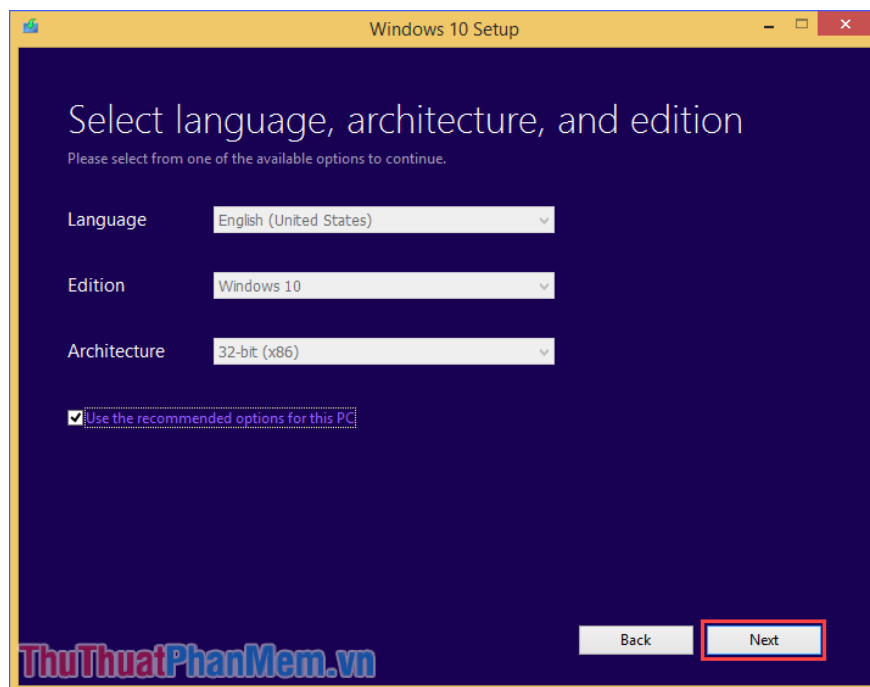
- Select **Accept** .



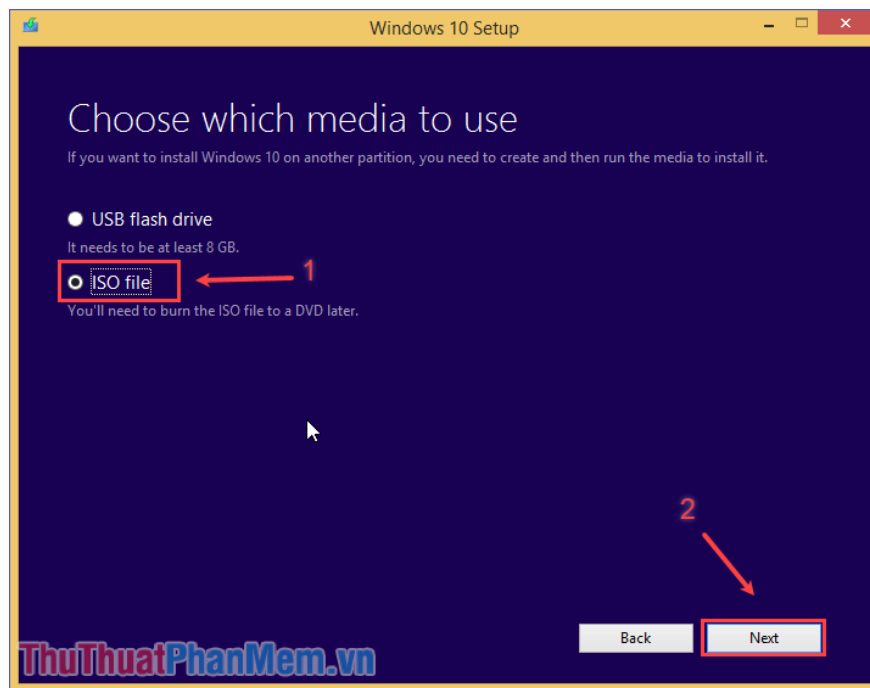
- Select **Create installation media (.)** for another PC and then click **Next** .



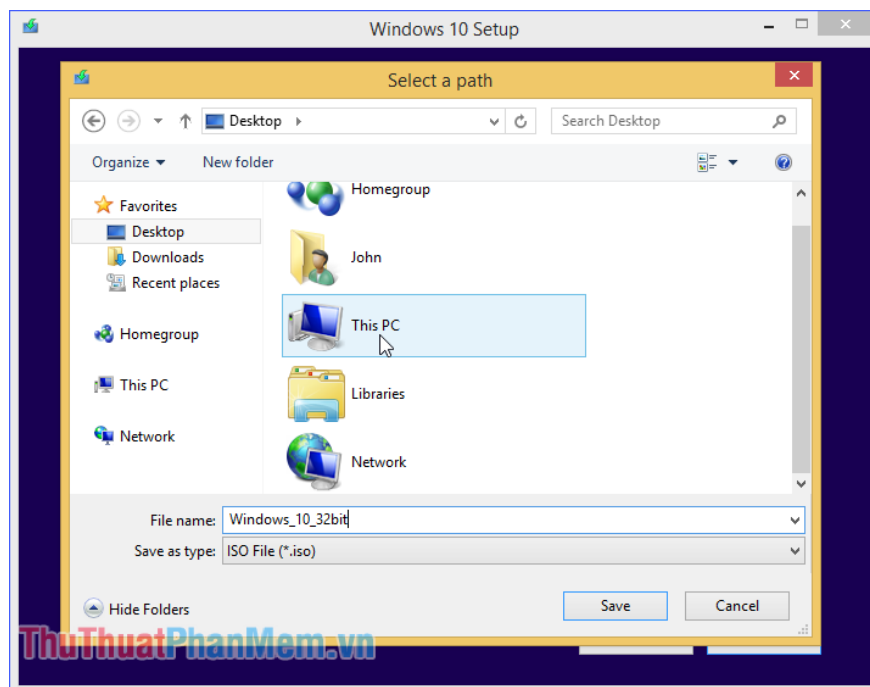
- The program automatically recommends a number of options appropriate for your computer. If you want to change, uncheck the **Use the recommended options for this PC box** and then customize it yourself. Then click **Next** .



- Select the **ISO file** and click **Next** .



- Select the folder to save the ISO file to install Windows 10.

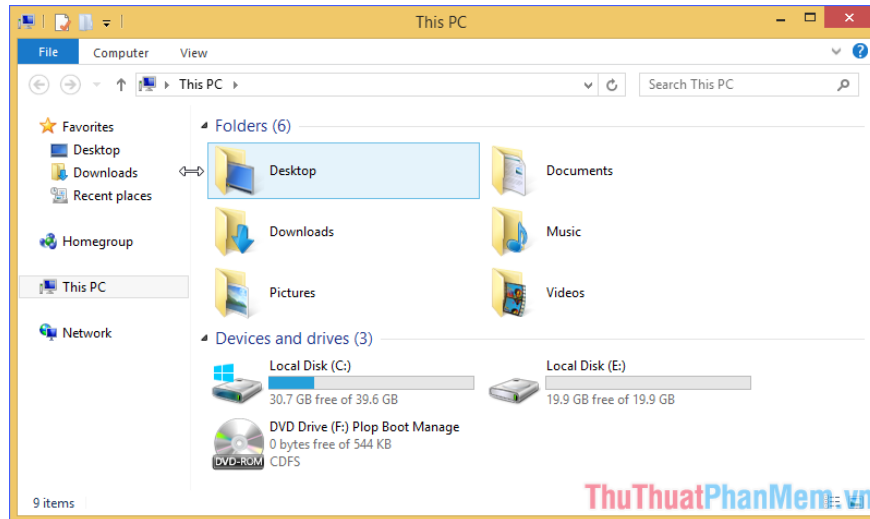


- Wait for the program to download the Windows 10 ISO file to your computer.

## 4. Determine drive capacity C

- Open *Computer* (or *This PC*, depending on the operating system). Check the total capacity and free space of the C drive (helps later to recognize where is the C drive to install Windows). Remember these numbers carefully (it is best to record them).

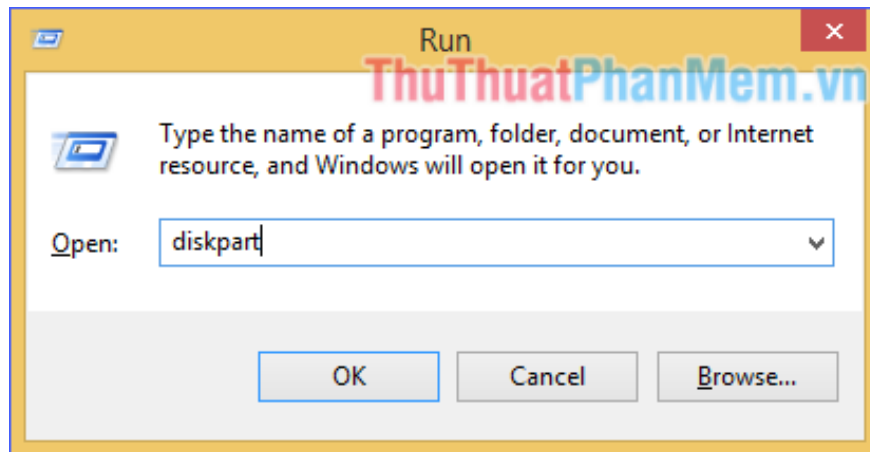
As shown below, C drive has a total capacity of 39.6 GB and 30.7 GB of free space.



## 5. Create a USB boot

**Step 1:** Check the standard hard drive (MBR or GPT)

- Check the standard hard drive: press the key combination **Windows + R** , on the *Run* window type 'diskpart' and press **Enter** .



- On the *DiskPart* interface , type the command 'list disk', then press **Enter** . In *Disk 0* , column *Gpt* , if there is an \*, then the hard drive standard is GPT, if without the \* then the hard drive standard is MBR. As shown below, there is no \* so the hard drive follows the MBR standard.

```
C:\Windows\system32\diskpart.exe
Microsoft DiskPart version 6.3.9600
Copyright (C) 1999-2013 Microsoft Corporation.
On computer: MyPC
DISKPART> list disk
  Disk ###  Status         Size      Free      Dyn  Gpt
  -----  -
  Disk 0    Online         60 GB     1024 KB
DISKPART>
```

\* Again, if your hard drive is GPT compliant, you can only install 64-bit Windows 10.

## Step 2: Create a Windows 10 bootable USB

*\* To continue, you need to turn off the active antivirus software (if any).*

- Open the downloaded *Rufus* software in Part 2. **Prepare** (no installation required). Set up as follows:

+ *Device* : Select USB boot.

+ *Boot selection* : Click **SELECT** , navigate to the ISO file to install Windows 10.

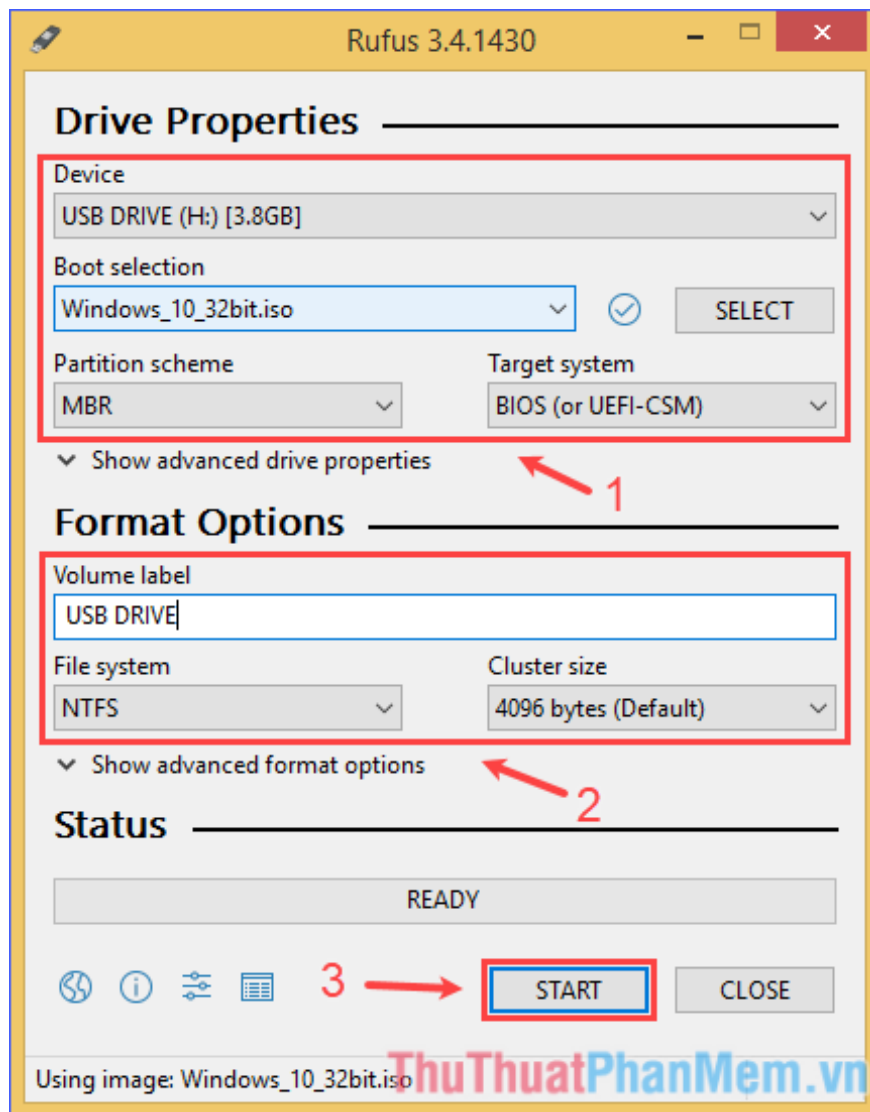
+ *Partition scheme* : Standard hard drive, **MBR** or **GPT** , depending on the results tested in step 1.

+ *Target system* : MBR hard drive then select **BIOS (or UEFI-CSM)** , GPT hard drive then choose **UEFI** .

+ *Volume label* : Name the USB drive.

+ *File system* : Select **NTFS** if the drive is MBR, or **FAT32** if the drive is GPT.

- After setup, click on **START** to begin the process of creating USB boot. Warning appears deleted data in the USB, click on **OK** .



- After successfully creating a USB boot, open the USB, see the *Size* information of the *autorun* file , if equal to 1 KB is successful. If it is equal to 0 KB, check that the antivirus software is turned off, if not, then turn off and recreate the USB boot.

Name	Date modified	Type	Size
boot	12/17/2018 4:41 PM	File folder	
efi	12/17/2018 4:41 PM	File folder	
sources	12/17/2018 5:00 PM	File folder	
support	12/17/2018 5:00 PM	File folder	
autorun	12/17/2018 5:00 PM	Setup Information	1 KB
bootmgr	12/17/2018 5:00 PM	File	399 KB
bootmgr.efi	12/17/2018 5:00 PM	EFI File	1,172 KB
setup	12/17/2018 5:00 PM	Application	80 KB

The image shows a file explorer window displaying the contents of a USB drive. The 'autorun' file is highlighted, and its size is shown as 1 KB, which is circled in red. A watermark 'ThuThuatPhanMem.vn' is visible at the bottom right.

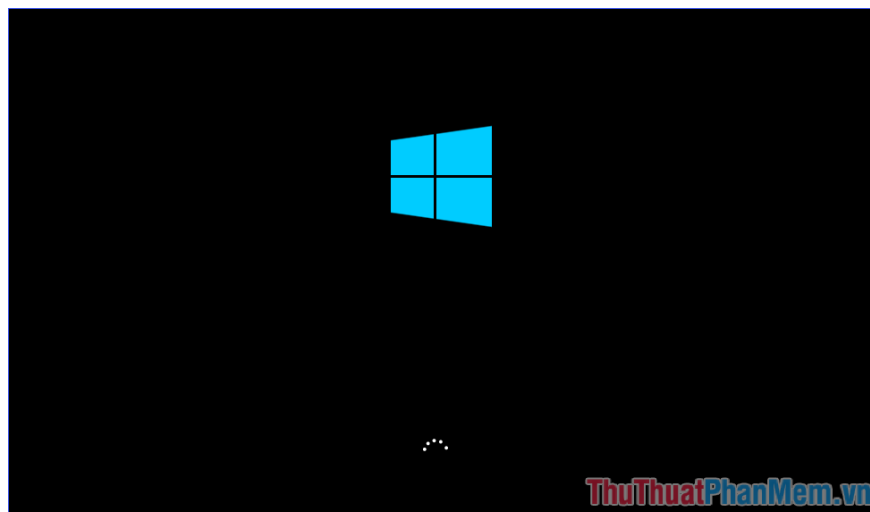
## 5. Install Windows 10 from USB boot

**Step 1:** Boot from USB

- Plug the USB into a computer that needs to have Windows 10 installed.
- Restart the computer to be installed. As soon as the machine starts to boot, press the shortcut key repeatedly on the *Boot Menu* . This key varies from computer to computer, and usually appears on the screen the moment Windows boots up, so you need to watch and press it quickly. Also you can refer to the shortcut *menu* for *Boot Menu* of some famous brands here.
- When the *Boot Menu* is displayed, use the up / down arrow keys to select the USB boot device, and then press **Enter** . Can easily identify which line is USB, usually will write the word 'USB' or your USB name.



- When booting into USB boot successfully, the screen will look like the following:

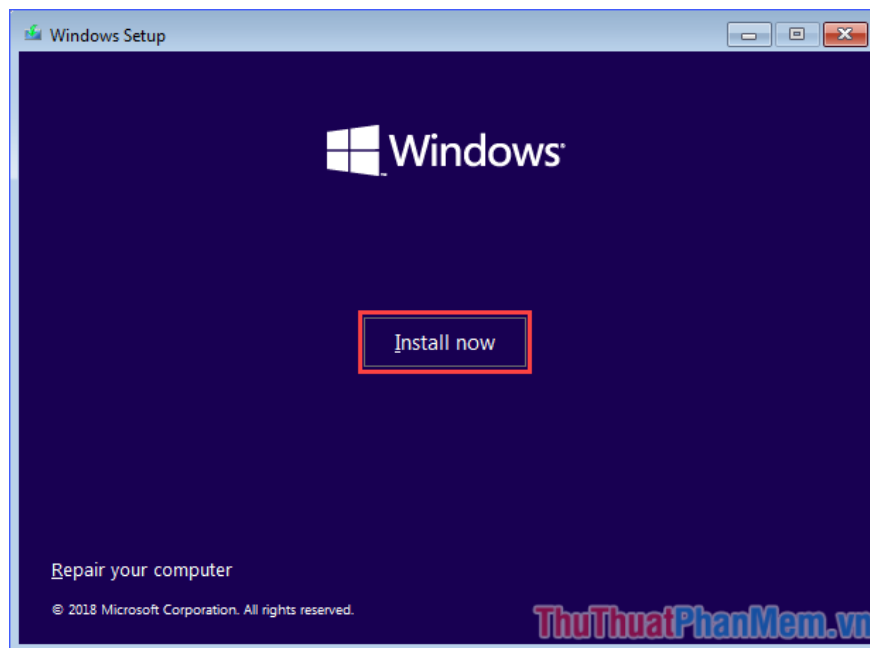


## Step 2: Install Windows 10

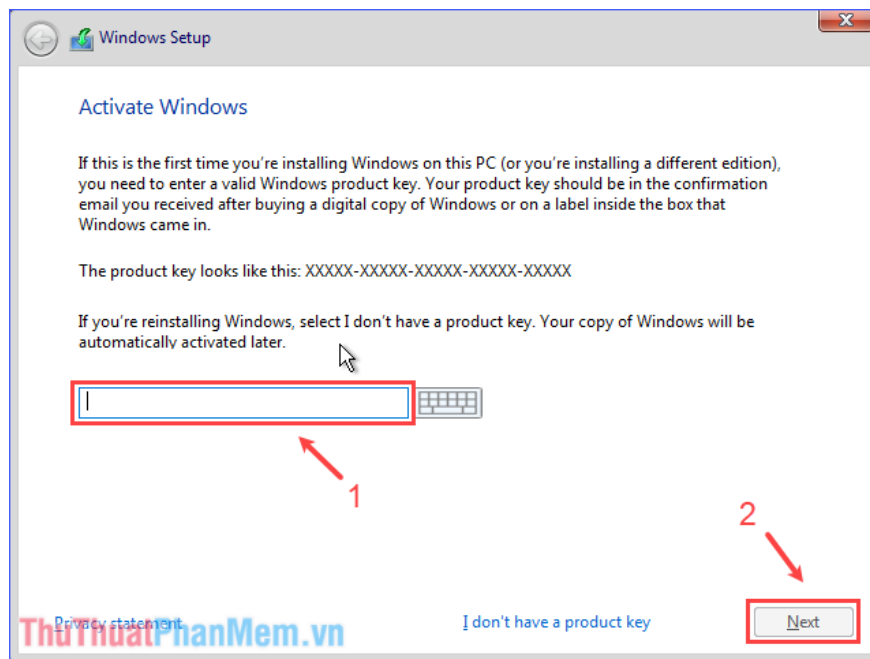
- Set the language, time format, currency and keyboard - input method, then press **Next** .



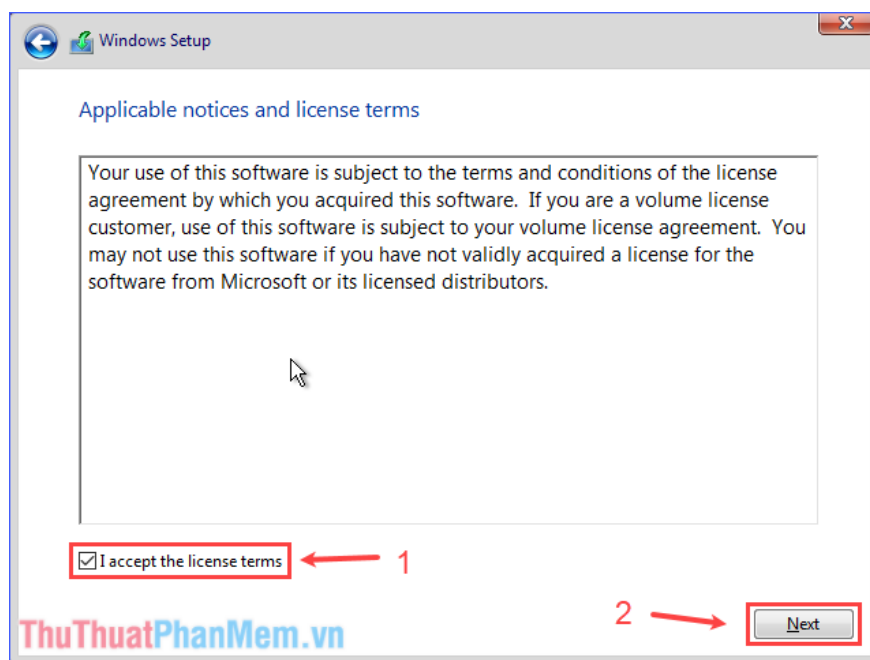
- Click **Install now** .



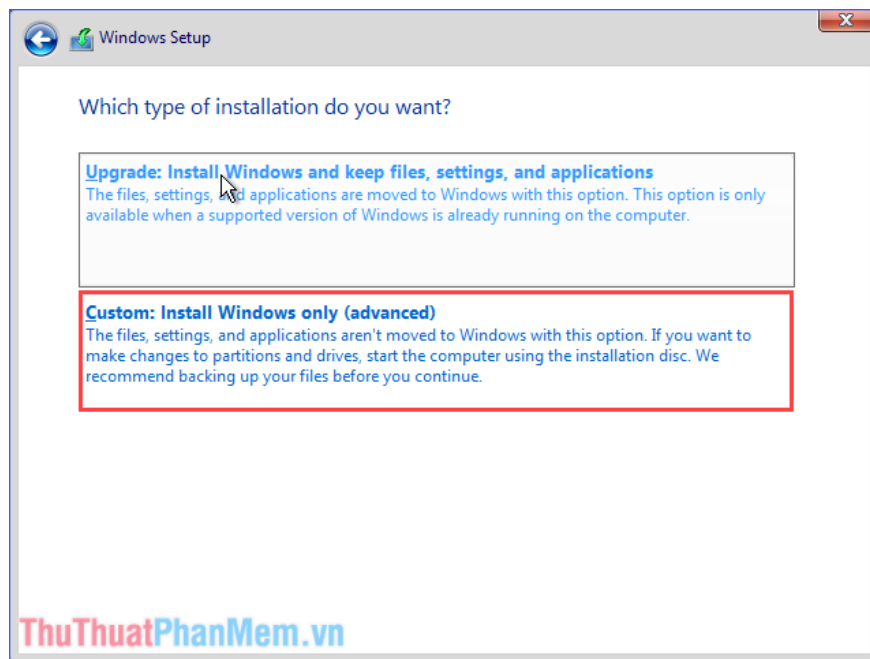
- Enter the *Product Key* and click **Next** (if you **do not have a Product Key** , click **I don't have a product key** and select the version of Windows 10 you want to use).



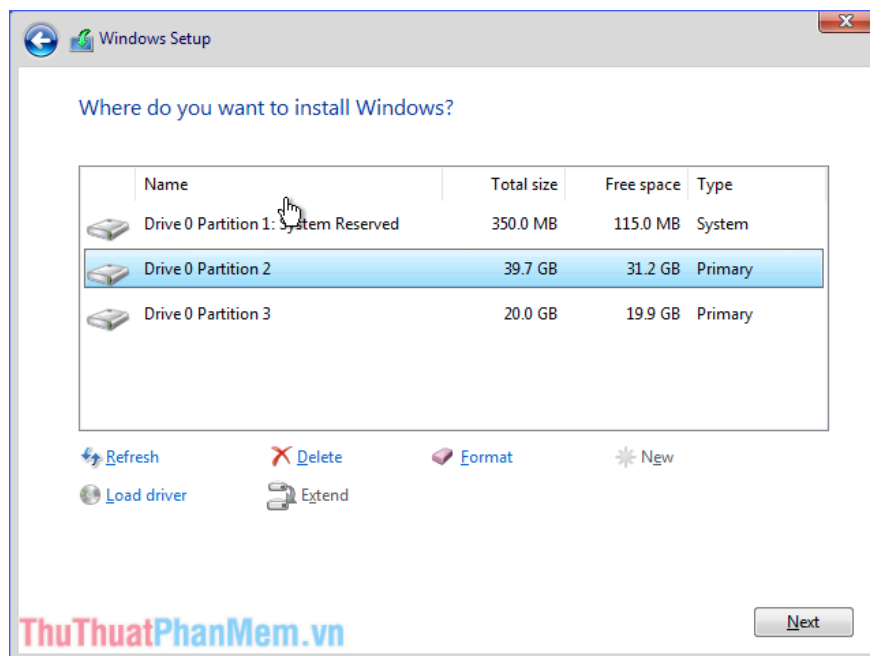
- Check the box **I accept the license terms** and then click **Next** .



- Choose the form of **Custom** installation .

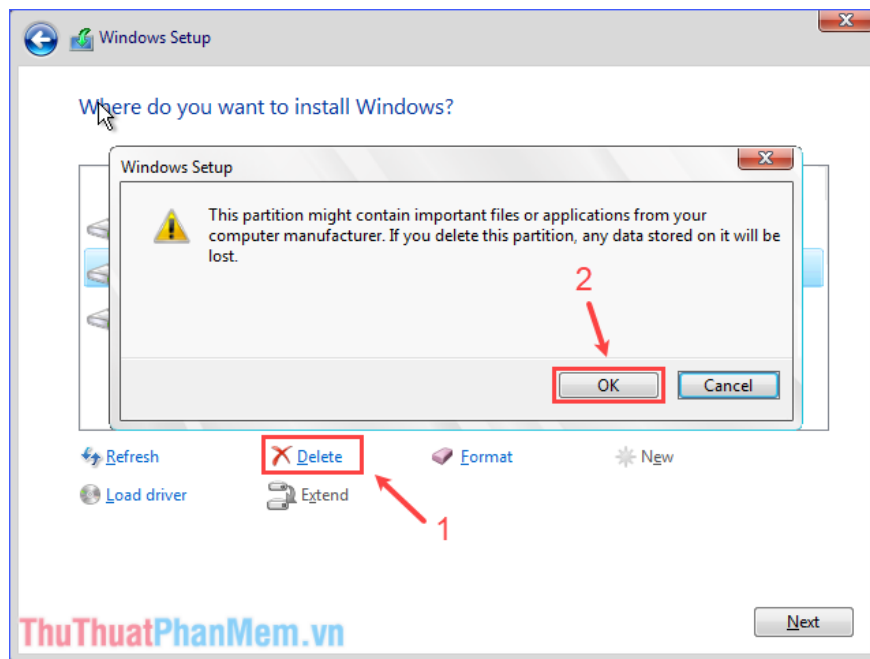


- Determine which partition is drive C contains the old operating system thanks to the information I've told you recorded in section 4. **Determine drive capacity C** . As in this tutorial, drive C has a total capacity of about 39.7 GB and free space of about 31 GB, which is here *Disk 0 Partition 2* .

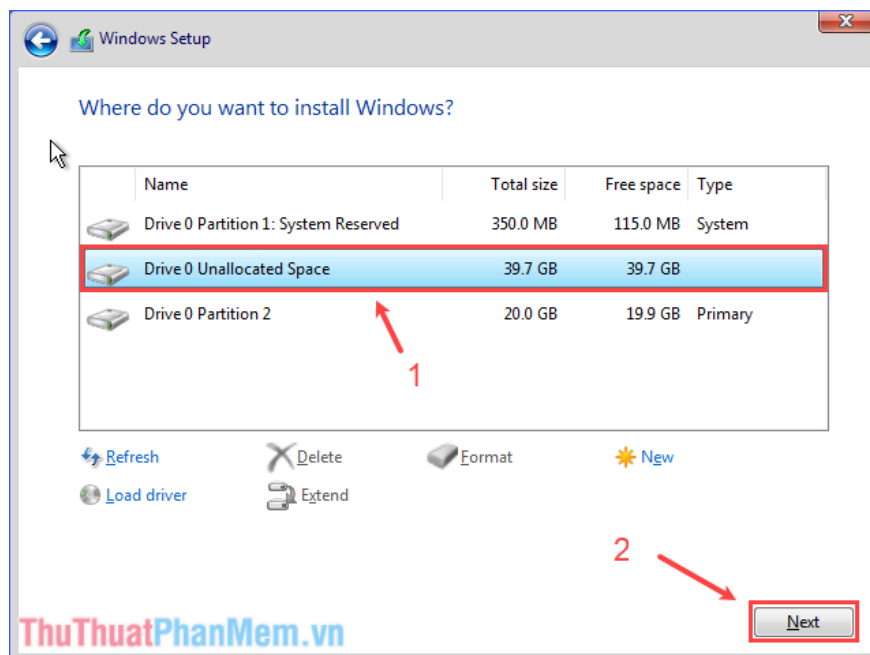


- Click on the partition C has just identified, notice the bottom corner of the installation window with the error message *Windows can't be installed on* . (Show details) or not. If so, it is likely that you have created the wrong USB boot drive for the hard drive. Try recreating another standard.

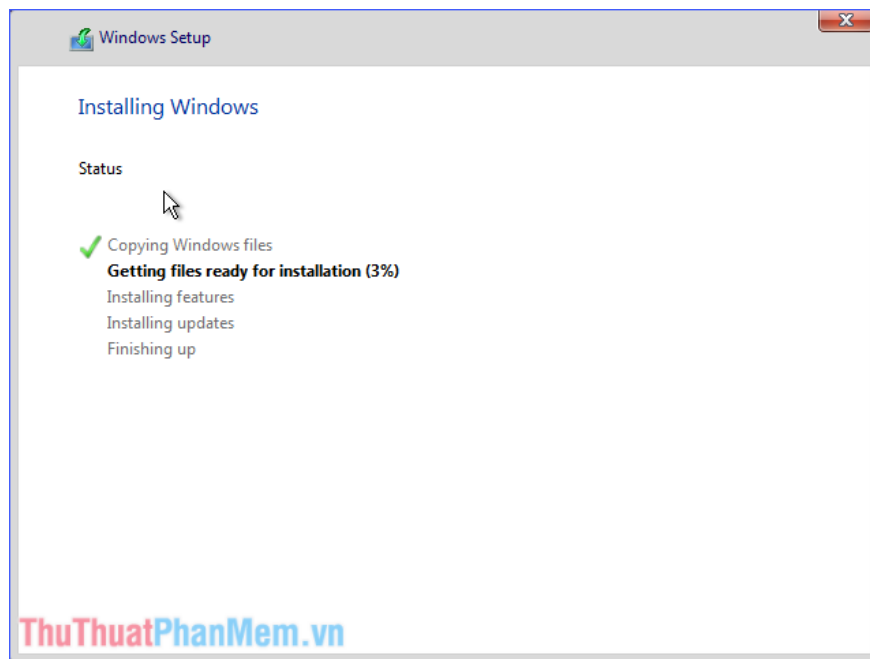
- Next, after clicking on the C drive partition, click on **Delete** to delete. A warning to delete data is displayed, click **OK** .



- After deleting the C drive partition, the partition name becomes *Unallocated Space* . Select the partition and click **Next** to begin installing Windows 10.

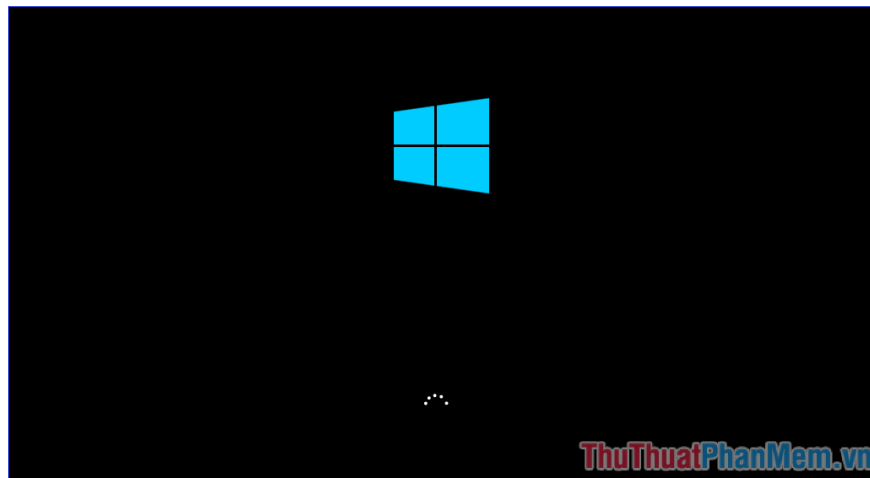


- Wait for the Windows 10 installation process to complete, usually takes a few dozen minutes. During the process, the system will reboot several times.

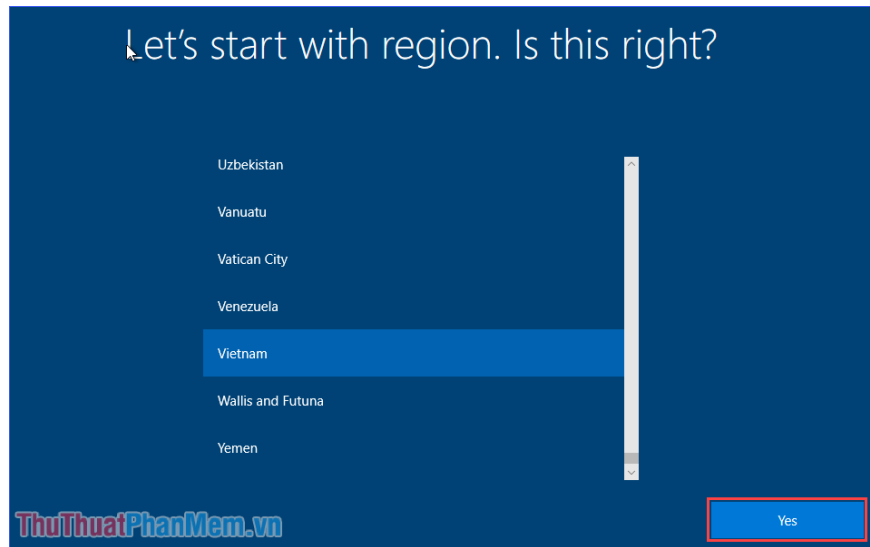


## 6. Set up for new Windows

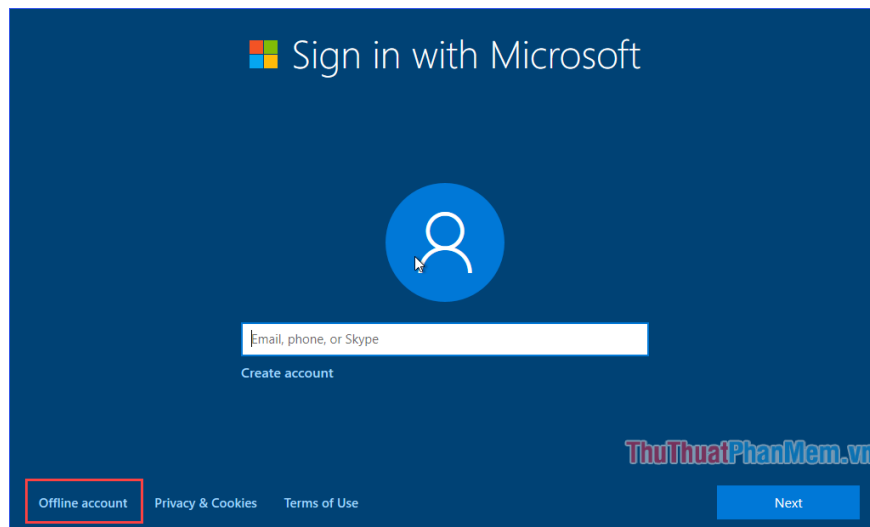
- Windows 10 start screen starts:



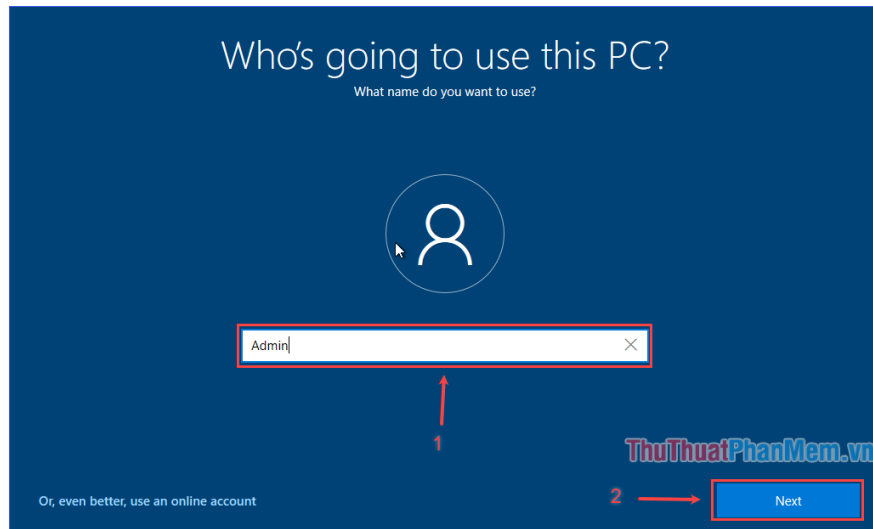
- Next, select the country and then press **Yes** .



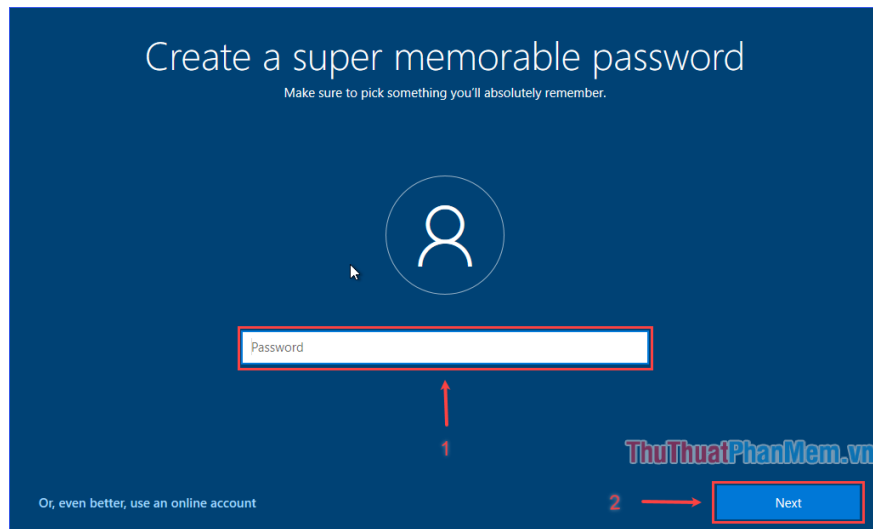
- Log in with your Microsoft account and then click **Next** . If you don't have a Microsoft account, select **Offline account** . Here I choose **Offline account** .



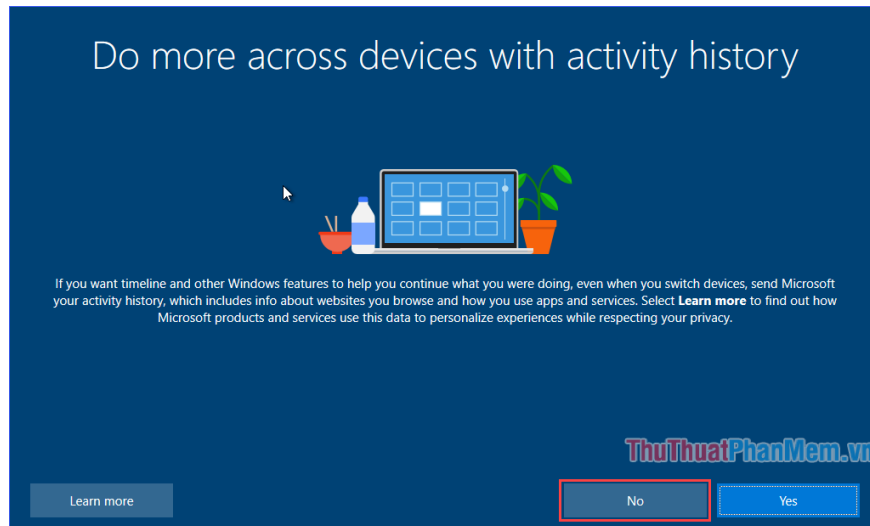
- Name the account using the computer and then click **Next** .



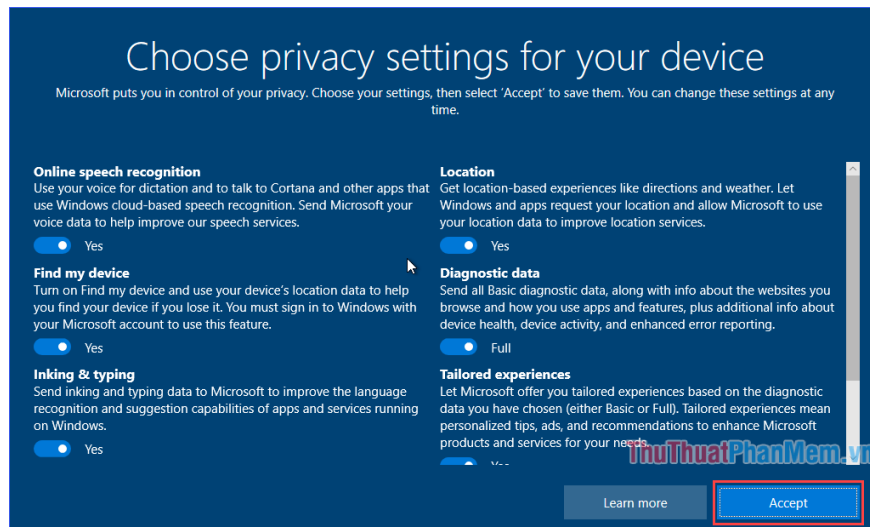
- Enter the password to access the computer and click **Next** .



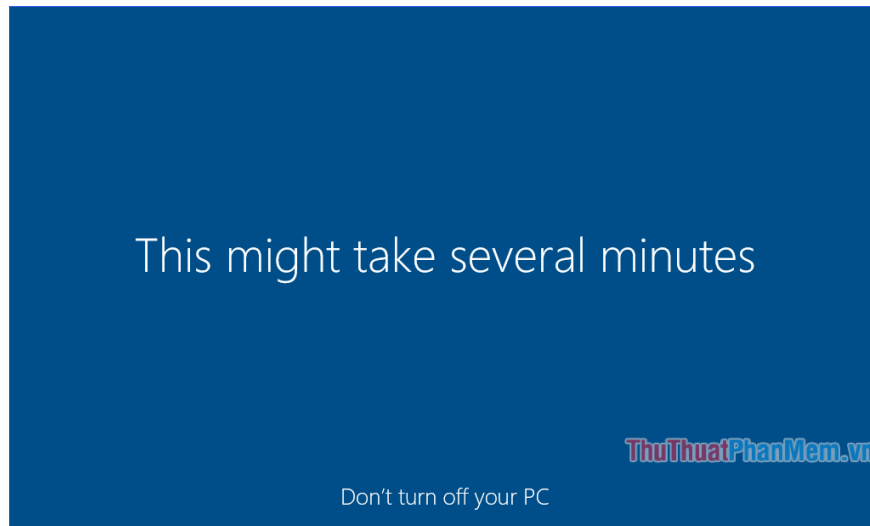
- Then the question you want to send your activity history to Microsoft to sync devices. I chose **No** .



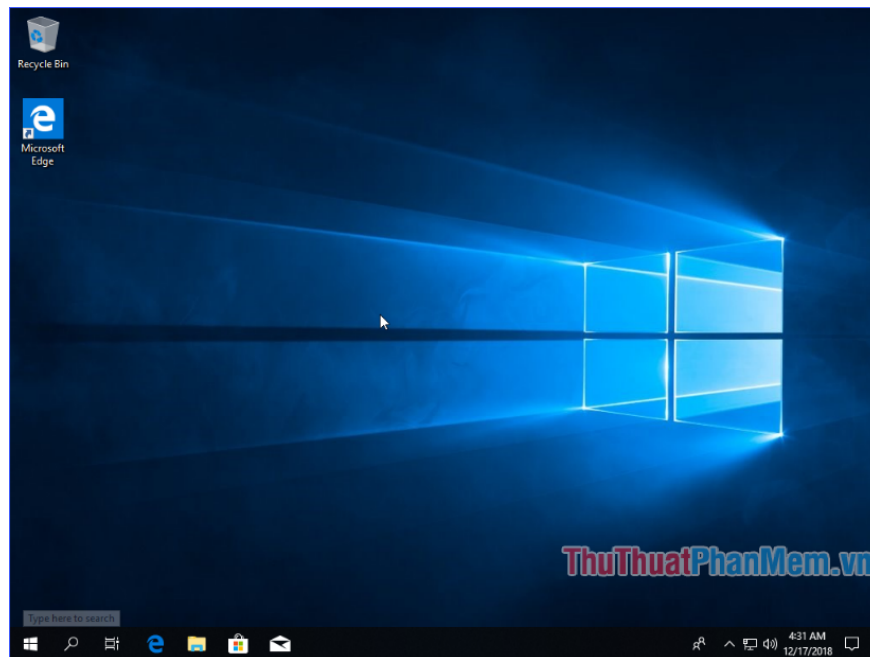
- A number of options appear to help you increase security. Click **Accept** to accept.



- Wait for Windows to finish the rest.



- And now, Windows 10 is ready!



Finally, after a lot of work, you can now install Windows 10 on your computer with just one USB device. If any errors arise during the installation process, please first go back to see if you got it right. With some common errors like creating the wrong USB boot drive, of course you just need to try again. Wish you successfully installed Windows 10 with USB!

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