

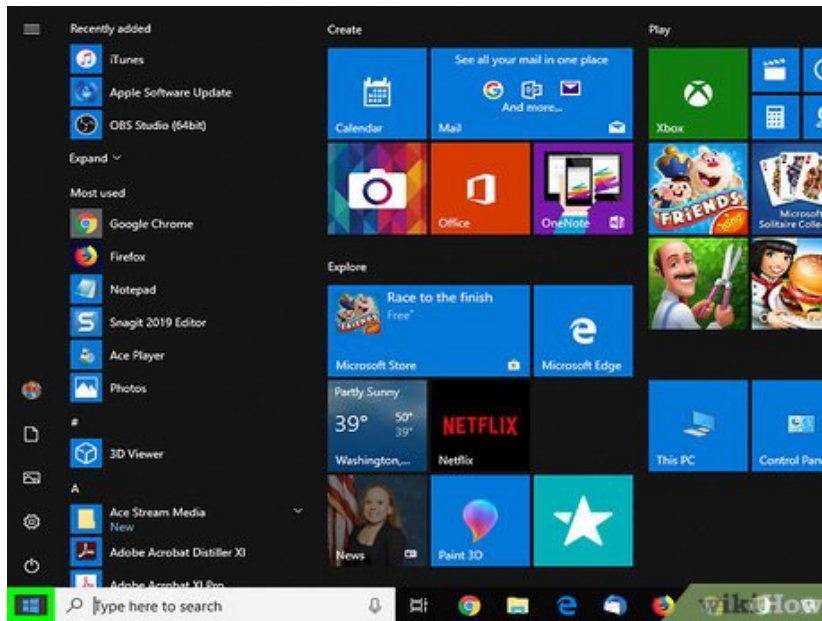
How to Find and Update Drivers

This wikiHow teaches you how to update your computer's drivers. Drivers are pieces of software which help your computer connect to hardware items such as speakers, USB drives, and so on. Drivers are typically installed and updated...

Method 1 of 4:

On Windows

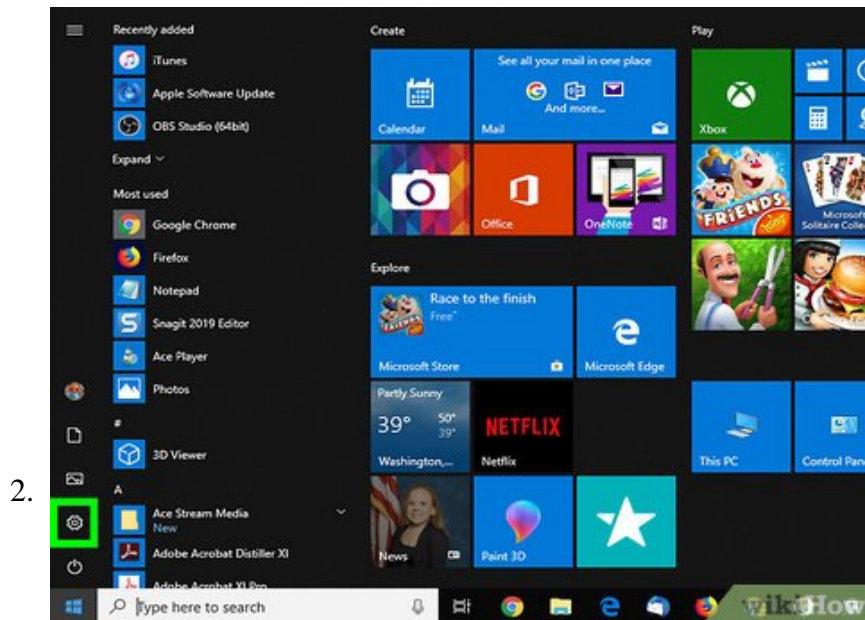
1.



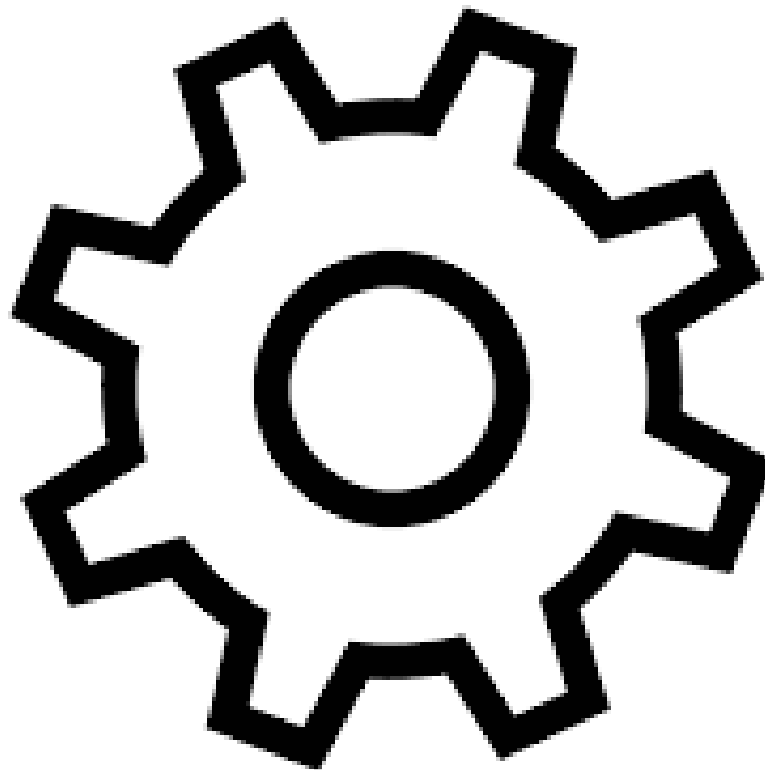
Open Start



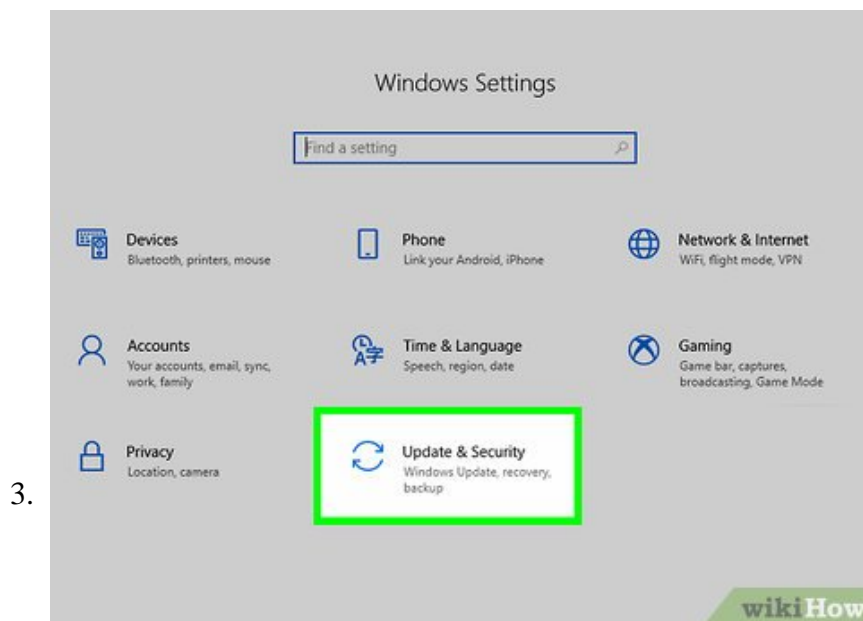
- Click the Windows logo in the bottom-left corner of the screen. The Start menu will pop up.
 1. Windows 10 will handle virtually all of your driver updates through the Windows update utility. This typically happens automatically, but you can check for the latest updates at any time.



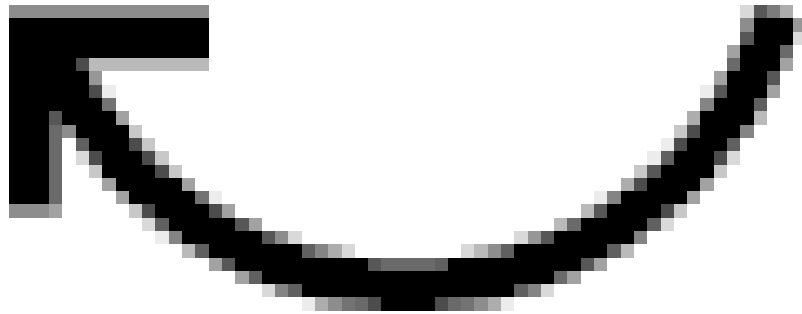
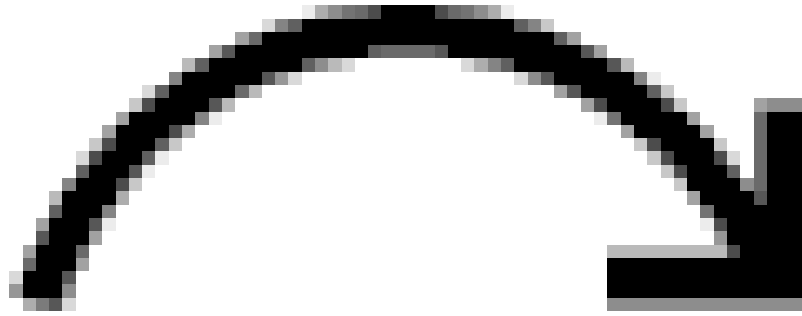
Open Settings



. Click the gear-shaped icon in the bottom-left corner of the Start menu. This prompts the Settings window to open.

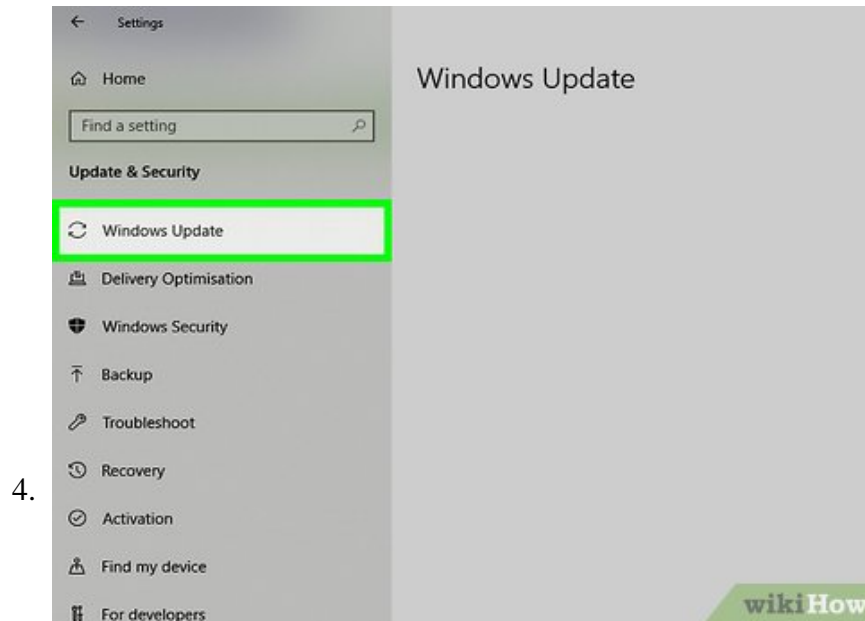


Click

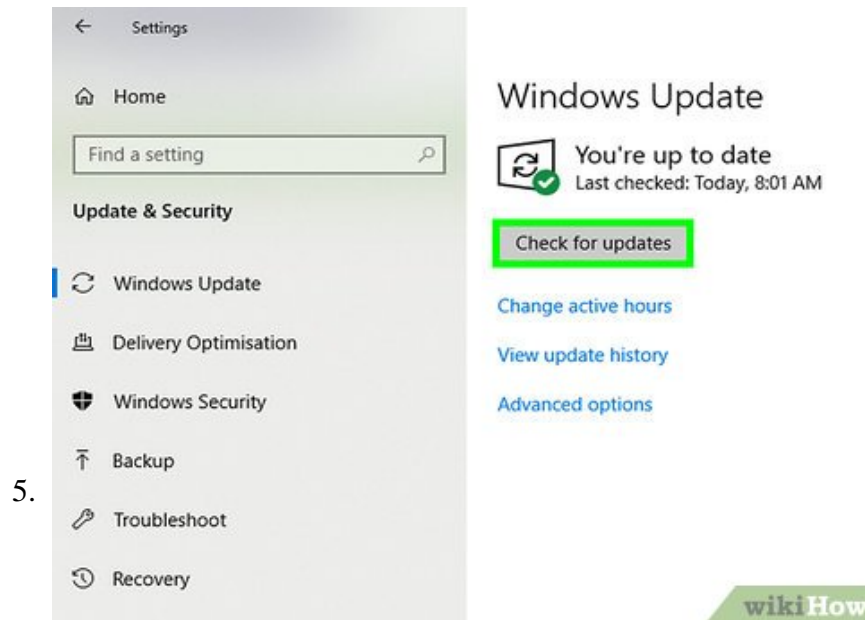


Update & Security. It's in the Settings window.

1. If Settings instead loads to a specific menu, first click **Home** in the upper-left corner of the window.

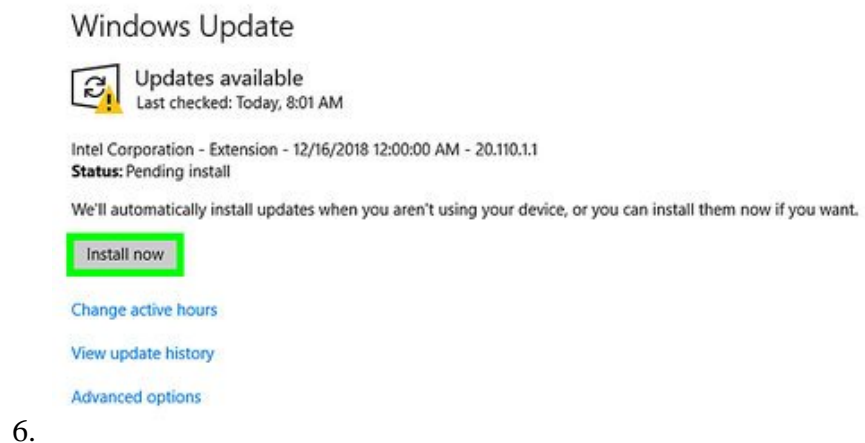


Click **Windows Update**. You'll see this in the navigation menu on the left side of the window.



Click **Check for updates**. It's at the top of the page. Windows will begin checking for any available updates, including updated drivers.

1. Depending on how long it has been since you last checked for updates, this process may take several minutes.

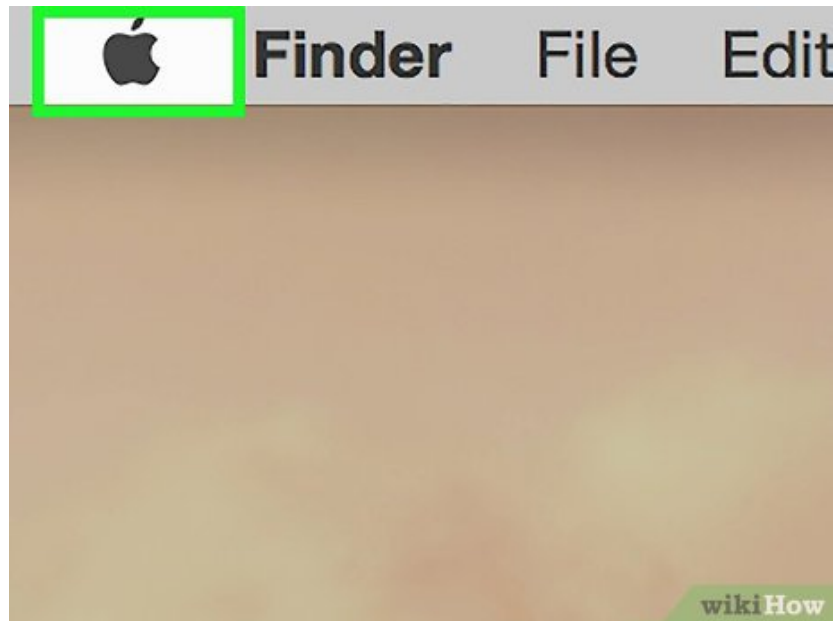


Click **Install now** if necessary. This will appear at the top of the page if updates are available. Clicking it prompts the update files to begin downloading.

1. Depending on your version of Windows, the updates may begin downloading automatically.
2. You may be prompted to reboot after updates are installed.^[1]

Method 2 of 4:

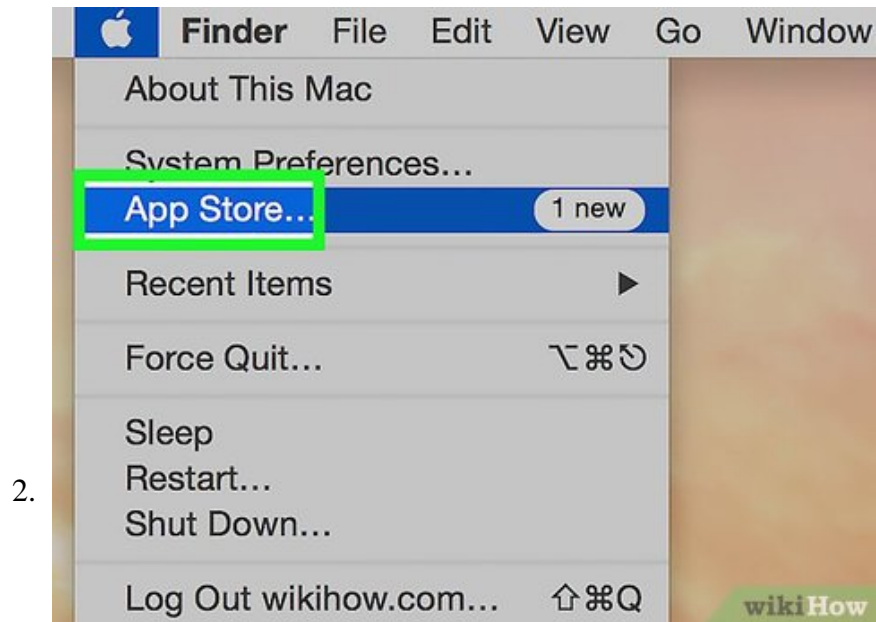
On Mac



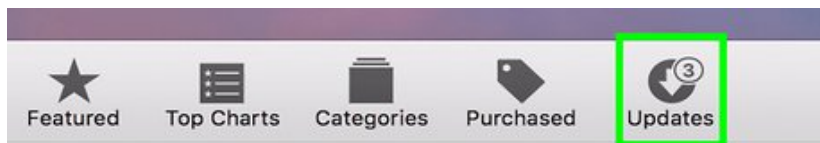
Open the Apple menu



- . Click the Apple logo in the top-left corner of the screen. A drop-down menu will appear.
 1. Apple handles all of the driver updates that are released for your Mac hardware.



Click **App Store...**. It's in the drop-down menu. This will open your Mac's App Store.

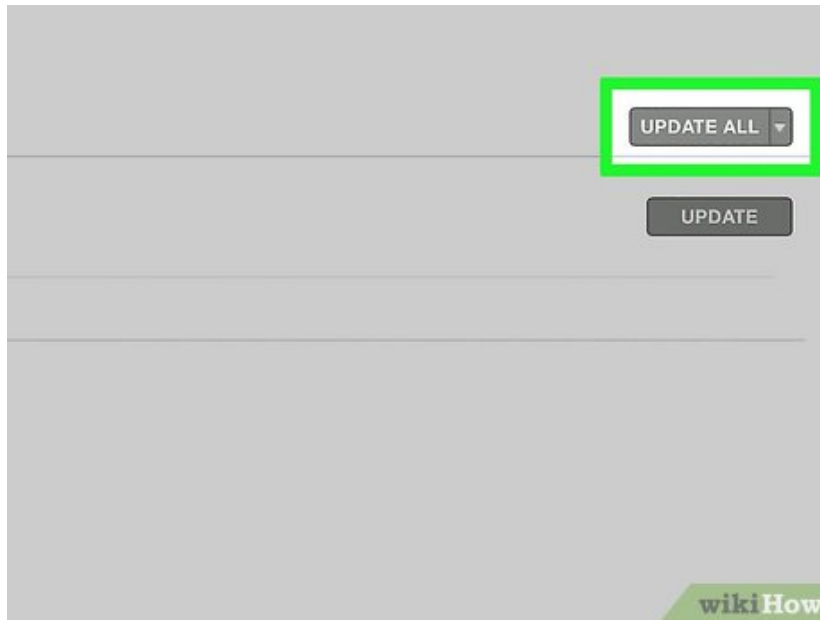


3.



Click the **Updates** tab if necessary. If the App Store doesn't open to the "Updates" tab, click this tab at the top of the App Store window to open it. You should see all pending or available updates, including drivers, listed here.

4.



Click **UPDATE ALL**. It's a grey button on the far-right side of the App Store window. This will download all of the available updates.

1. Alternatively, you can click **UPDATE** to the right of the drivers you want to install to install only the drivers.

5.



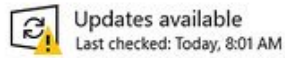
Wait for updates to download and install. This may take a few minutes, and your Mac may prompt you to reboot after installing.^[2]

1. If a driver's installation is blocked by your Mac, its developer is probably unsigned. You can verify the installation to allow the driver(s) to install.

Method 3 of 4:

Using the Windows Device Manager

Windows Update



Updates available

Last checked: Today, 8:01 AM

Intel Corporation - Extension - 12/16/2018 12:00:00 AM - 20.110.1.1

Status: Pending install

We'll automatically install updates when you aren't using your device, or you can install them now if you want.

[Install now](#)

[Change active hours](#)

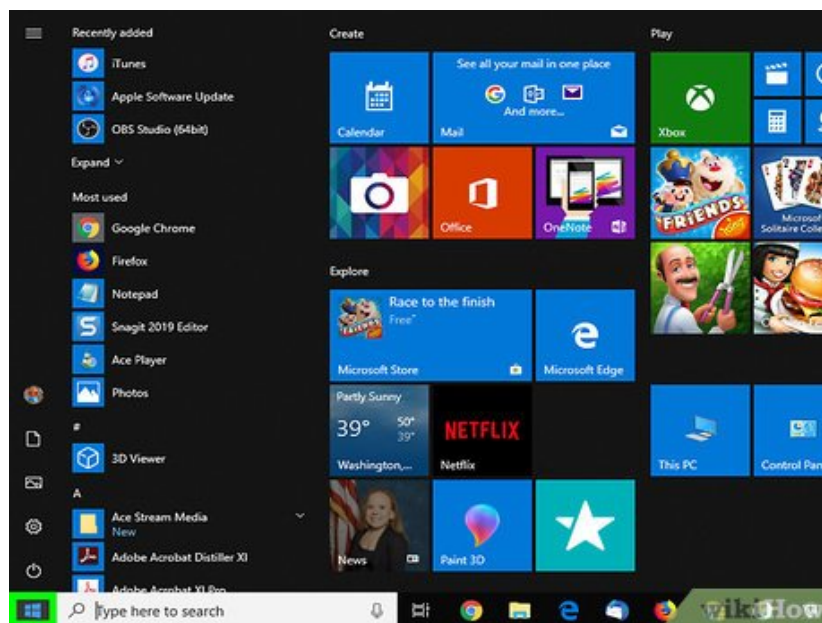
[View update history](#)

[Advanced options](#)

1.

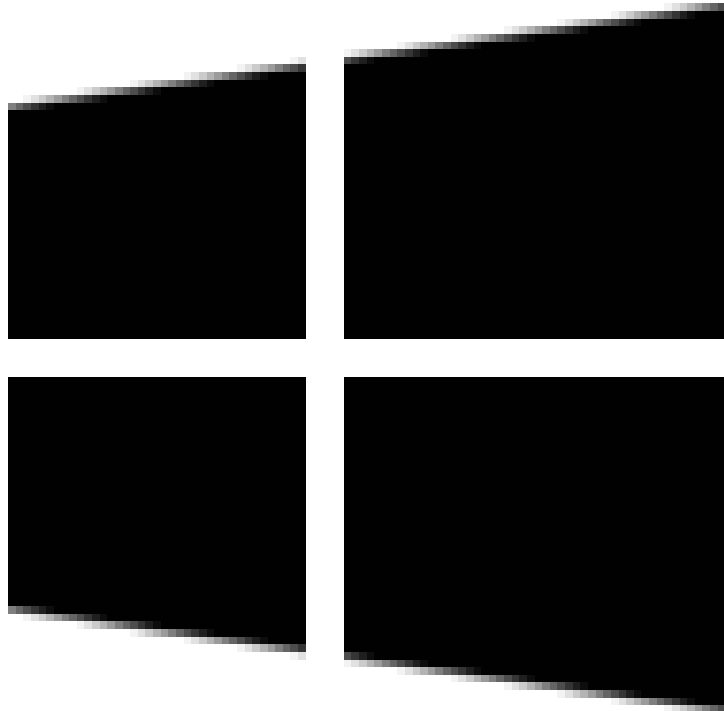
wikiHow

Understand when to use this method. Device Manager allows you to search for Microsoft-approved drivers online, but you should only use Device Manager after using Windows Update to search for driver software. The reason for this is that Windows Update is more likely to find the correct drivers the first time.



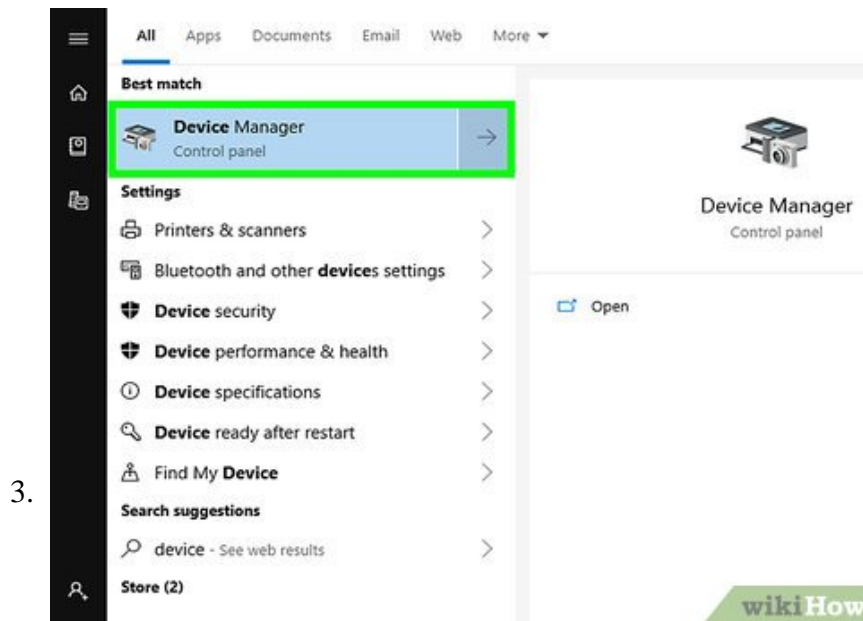
2.

Open Start



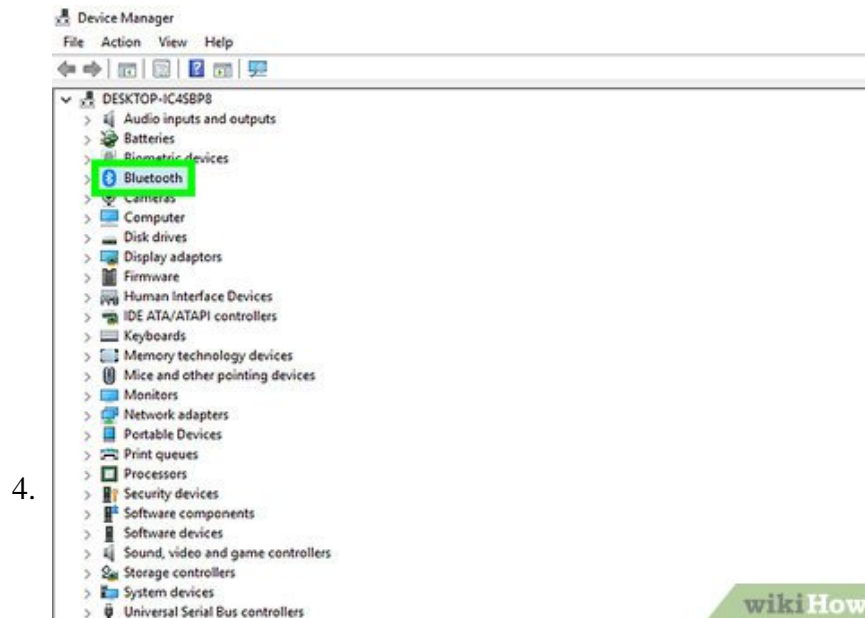
. Click the Windows logo in the bottom-left corner of the screen.

1. You can also just right-click the Start icon.



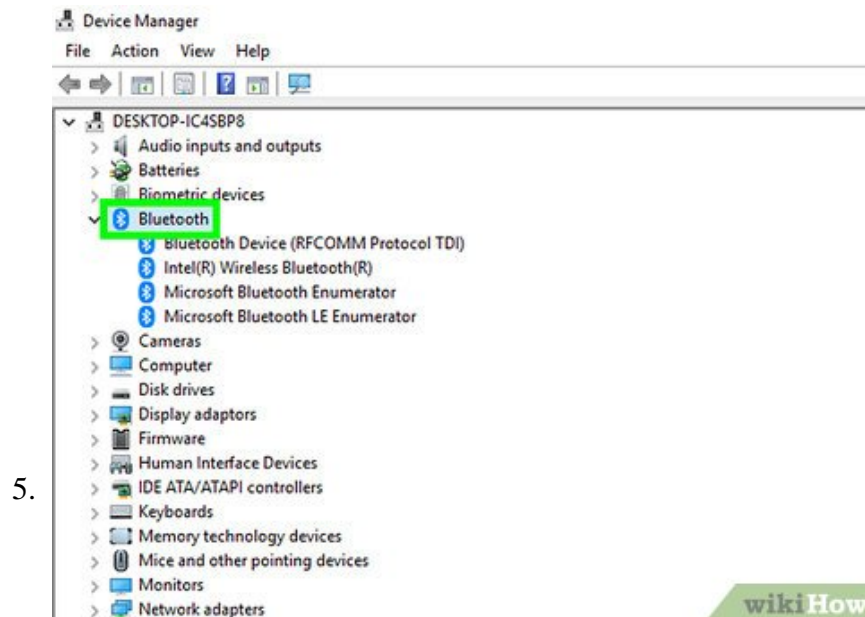
Open Device Manager. Type `device manager` into the Start search box, then click **Device Manager** at the top of the Start window.

1. If you right-clicked the Start icon, click **Device Manager** in the resulting pop-up menu.



Find the heading for the hardware item you need to update. Scroll through the Device Manager window until you find the hardware category to which your item belongs.

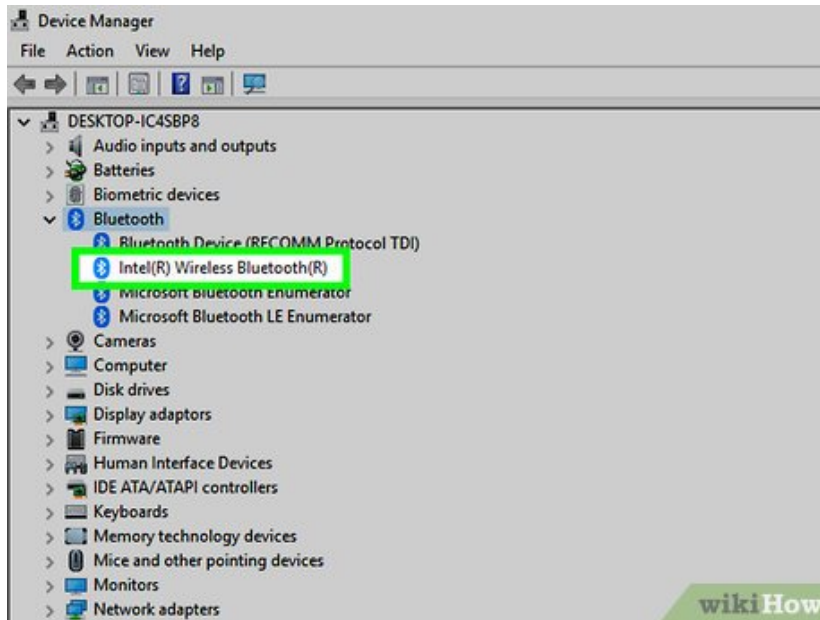
1. For example, if you're attempting to update the drivers for a Bluetooth item, you would find the "Bluetooth" heading.



Double-click the heading. Doing so expands it to show any connected (or previously connected) items in an indented list below the heading.

1. If the heading already has an indented list of items below it, skip this step.

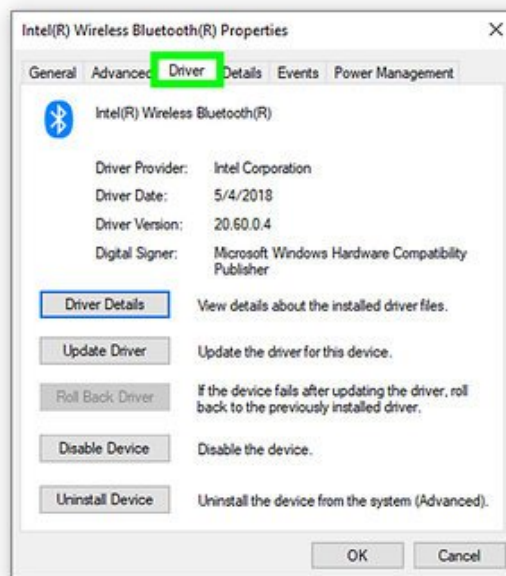
6.



Select your hardware item. Click once the name of the hardware item for which you want to update the drivers.

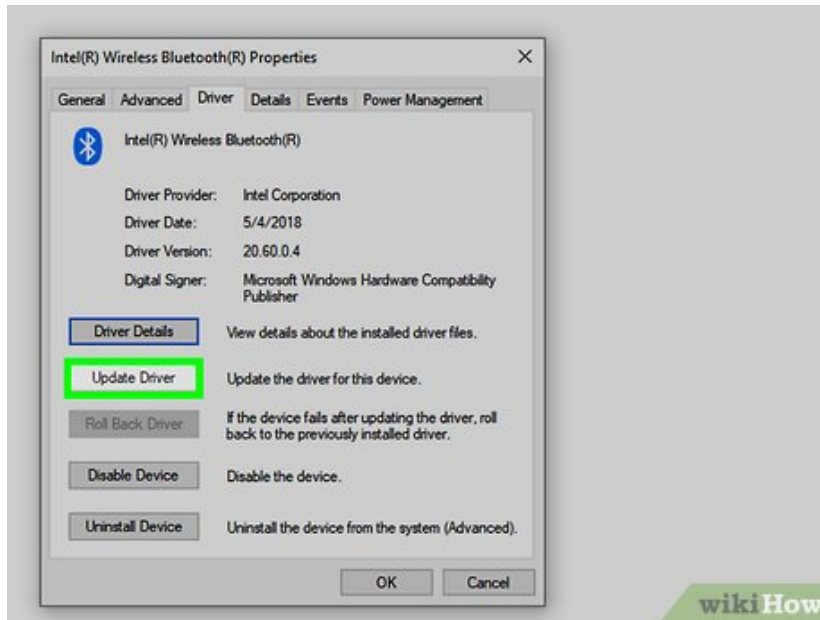
1. If you don't see the item here, it isn't installed on your computer. Close Device Manager, plug in or pair the item with your computer, follow any on-screen prompts, and then re-open the item's category in Device Manager before proceeding.

7.



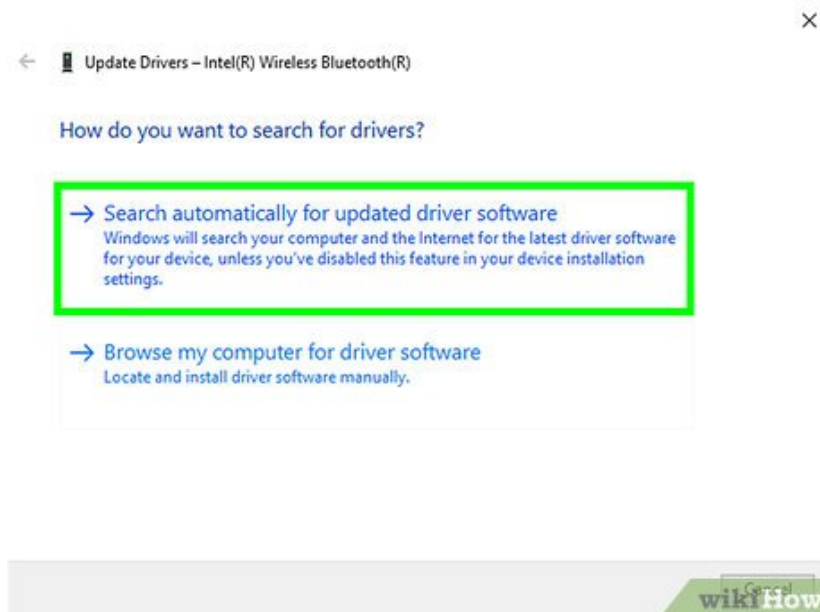
Click the **Action tab.** It's at the top of the Device Manager window. Doing so prompts a drop-down menu.

8.



Click **Update driver**. This is at the top of the drop-down menu. A new window will open.

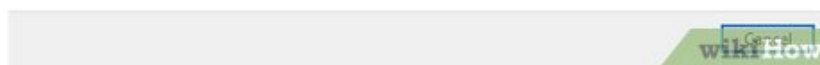
9.



Click **Search automatically for updated driver software**. It's in the middle of the new window. Windows will begin searching for drivers for your selected item.



10.

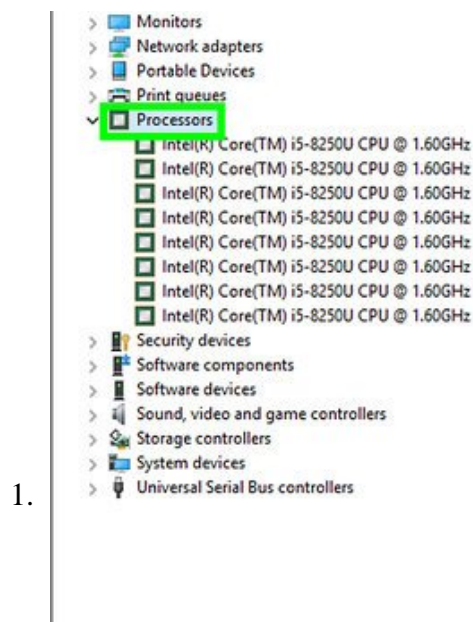


Follow any installation prompts. If drivers are available, you'll be prompted to install them; depending on the hardware item, you may have to click through a few prompts before the installation will begin.

1. You may be asked to restart your computer after completing the update process.
2. If you receive a message that says "The best drivers for your device are already installed", Windows can't find the correct driver files to use. You can still try installing a driver from the manufacturer's website if you're certain that your hardware item's drivers are outdated.

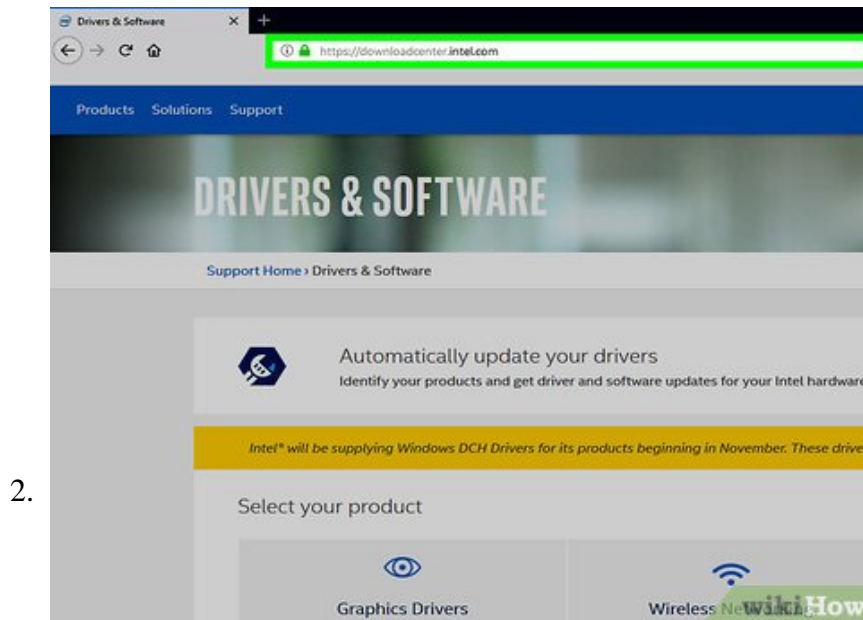
Method 4 of 4:

Using Manufacturer Driver Files



Determine the hardware you want to update. When installing drivers manually, you'll be downloading the driver files directly from the manufacturer. You'll need to know the manufacturer and the model of the hardware you're trying to update.

1. For example, if you own a Razer keyboard, you'll find the drivers on the Razer website.
2. If you have a laptop, you can usually find all of the drivers you need from your laptop manufacturer's page.
3. You can find the model information in the documentation that came with your hardware. You can also find the model information in Device Manager if Windows was able to recognize it.



Visit the manufacturer's website. Once you've determined what you want to update, you'll need to visit the manufacturer's support site. Below are some of the most common ones. If your manufacturer is not listed here, you can find it with a quick web search:

1. Motherboards

1. *Gigabyte* — gigabyte.com/support-downloads/download-center.aspx?ck=2
2. *Intel* — downloadcenter.intel.com
3. *MSi* — msi.com/service/download/
4. *ASRock* — asrock.com/support/download.asp
5. *Asus* — support.asus.com/download/options.aspx?SLanguage=en&type=1

2. Graphics

1. *NVIDIA* — nvidia.com/Download/index.aspx?lang=en-us
2. *AMD/ATI* — support.amd.com/en-us/download

3. Laptops

1. *Dell* — dell.com/support/home/us/en/19/Products/laptop?app=drivers
2. *Gateway* — gateway.com/worldwide/support/
3. *HP* — www8.hp.com/us/en/support-drivers.html
4. *Lenovo* — support.lenovo.com/us/en/products?tabName=Downloads
5. *Toshiba* — support.toshiba.com

4. Network Cards

1. *Linksys* — linksys.com/us/support/
2. *Netgear* — downloadcenter.netgear.com/
3. *Realtek* — realtek.com.tw/downloads/
4. *Trendnet* — trendnet.com/downloads/

5. Optical Drives

1. *Samsung* — samsung.com/us/support/
2. *Sony* — sony.storagesupport.com/models/21
3. *LG* — lg.com/us/support
4. *LiteOn* — us.liteonit.com/us/service-support/download

6. Peripherals

1. *Creative* — support.creative.com/welcome.aspx
2. *Logitech* — support.logitech.com/
3. *Plantronics* — plantronics.com/us/category/software/
4. *Turtle Beach* — support.turtlebeach.com/files/

Automatically update your drivers
Identify your products and get driver and software updates for your Intel hardware.

Intel® will be supplying Windows DCH Drivers for its products beginning in November. These drivers will be used for...

Select your product

Graphics Drivers

Wireless Networking

Mini PCs

Desktop Boards

3. Featured downloads

Intel® System Support Utility for Windows*

Intel® Processor Identification Utility - Windows* Version

Intel® Wireless Bluetooth® for Windows® 10

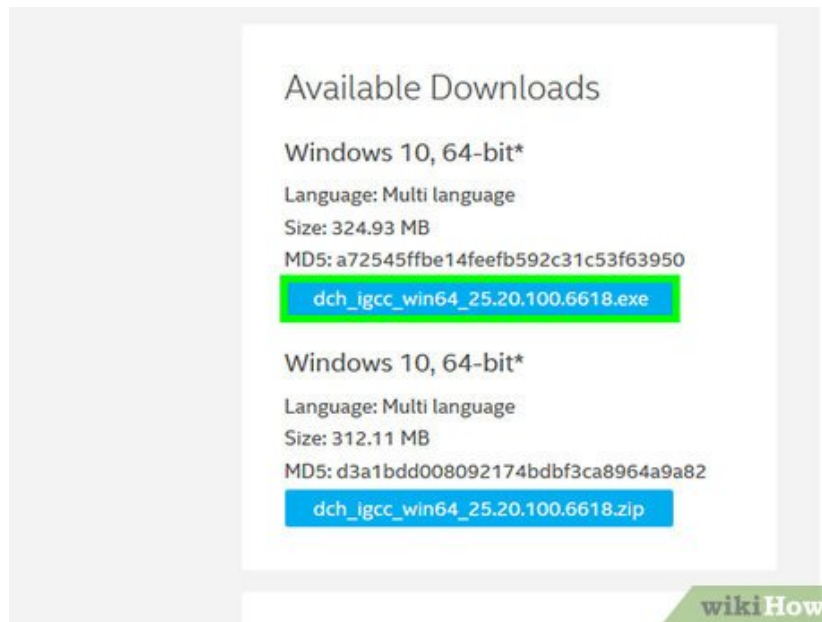
Intel® RealSense™ D400 Series Universal Windows* for Windows® 10

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Find the "Downloads" or "Drivers" section. This process will vary from site to site, but in most cases, you'll find the **Drivers** or **Downloads** tab near the top of the main page, though you may first have to select or click **Support** there.

1. You may need to scroll all the way down to the bottom of the page and then click **Support** or **Drivers** there to open the drivers page.

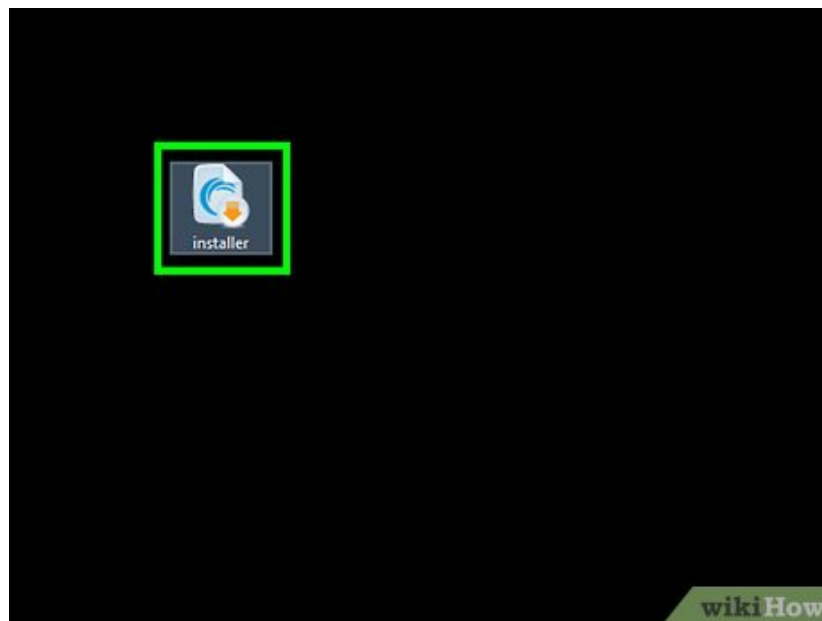
4.



Download the driver files. Click the name of the driver package or the **Download** link (or icon) near it to do so.

1. Many drivers come as installers, or are packaged with software designed for the hardware. Older or less-common items may have drivers in ZIP folder format.
2. Sometimes the hardware's accompanying software will be listed separately from the drivers.^[3]

5.



Run the drivers' installer. Double-click the downloaded setup file and follow any on-screen prompts. If you downloaded the drivers in a ZIP folder, you will first need to extract them by doing the following:

1. *Windows* — Double-click the ZIP folder, click the **Extract** tab, click **Extract all**, and click **Extract** when prompted.
2. *Mac* — Double-click the ZIP folder and wait for it to finish extracting.



6.

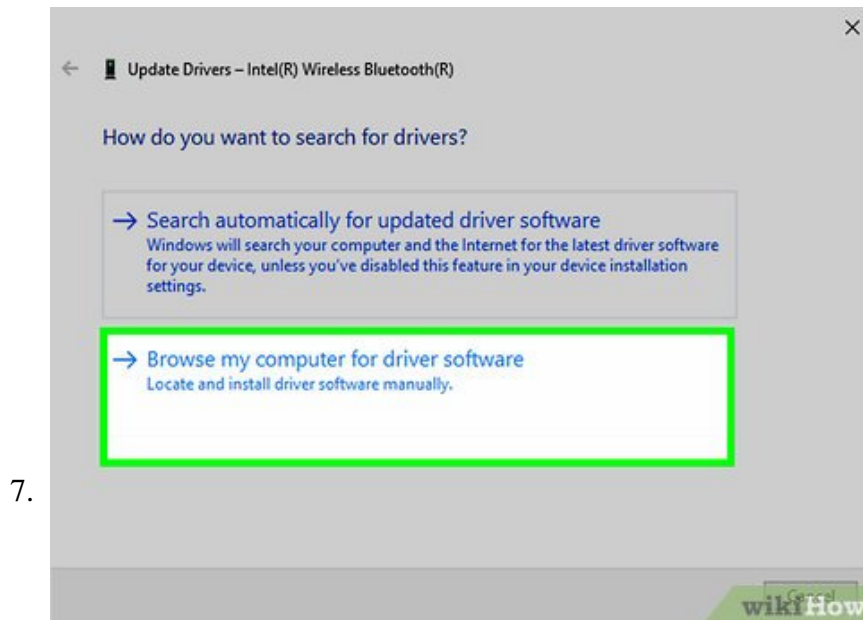
Verify your drivers on a Mac. If you're on a Mac and you receive an error message when attempting to install a driver, you can fix the error by doing the following:

1. Click **OK** on the error message.
2. Click the **Apple menu**



3. Click **System Preferences....**
3. Click **Security & Privacy.**

4. Click **Allow** next to the "System software...was blocked from loading" message at the bottom of the window.
5. Proceed with installing the drivers (you may need to double-click the drivers' setup file again).



Manually install the drivers on Windows. If the drivers came in a .zip file, you'll need to install them manually. You can do this from the Device Manager:^[4]

1. Select the hardware item you want to update in Device Manager.
2. Click **Action**.
3. Click **Update driver**.
4. Click **Browse my computer for driver software** when prompted.
5. Go to the extracted ZIP folder and click any ".inf" file in the folder while holding down **Ctrl**.
6. Click **Open**.

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