

## How to optimize Windows 10 PC settings when using a USB audio interface with DAW.

May 2021

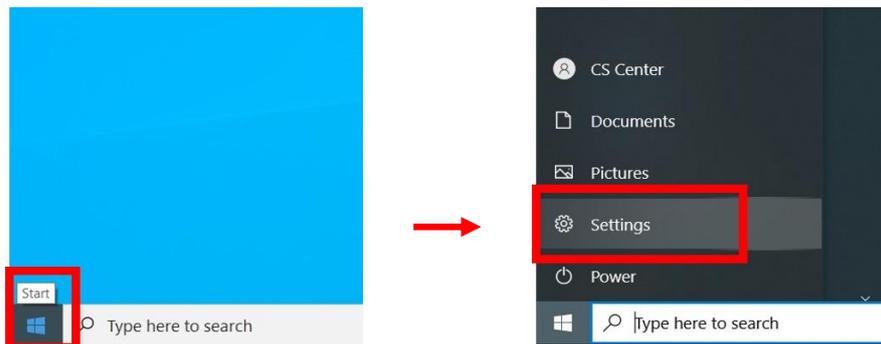
Guide: how to optimize Windows 10 PC settings.

If you use a USB audio interface without optimizing Windows 10 PC settings, you may get errors such as audio dropouts when using DAW.

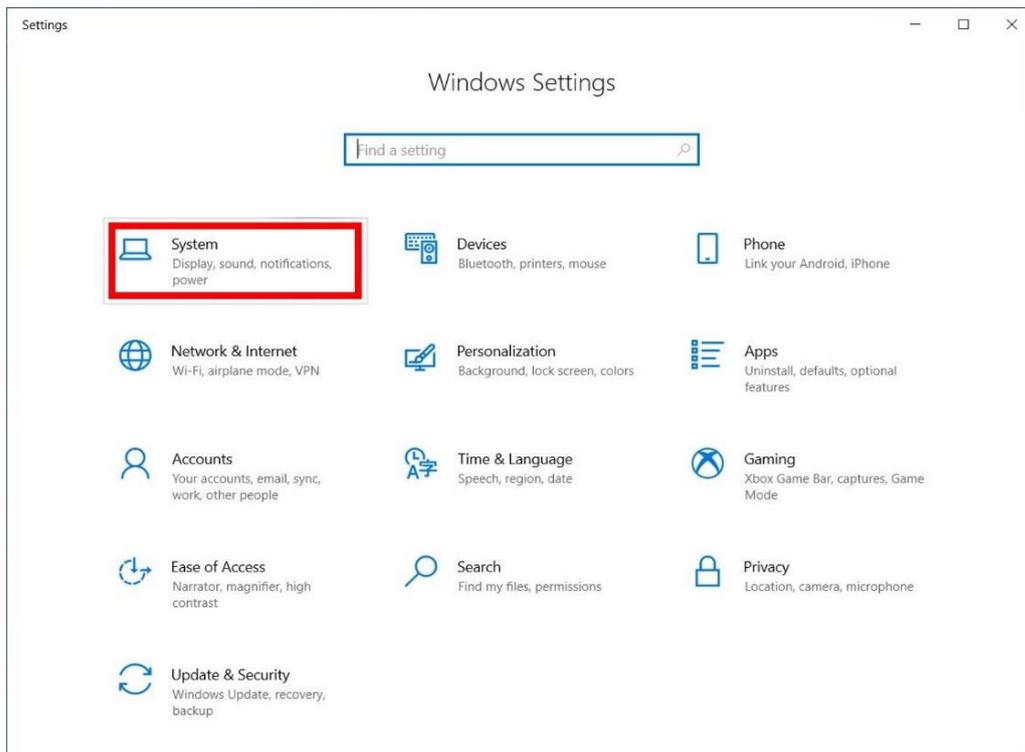
It is possible to optimize Windows 10 PC settings by the following steps below.

### ① Change advanced power settings.

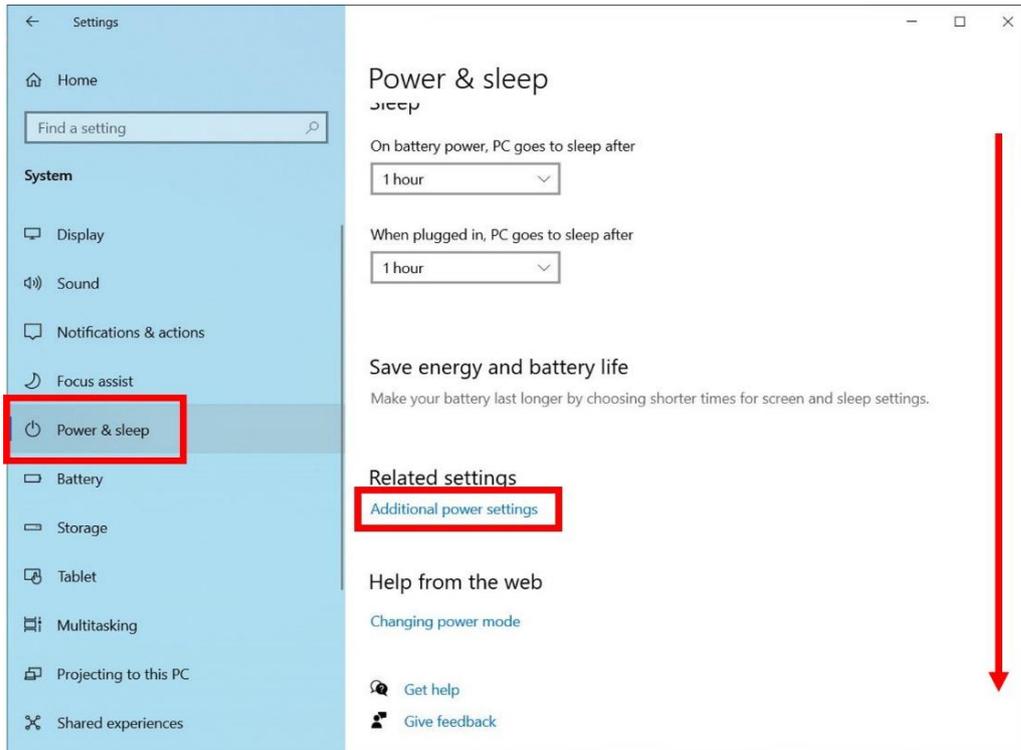
1-1. Click [Start] > [Settings].



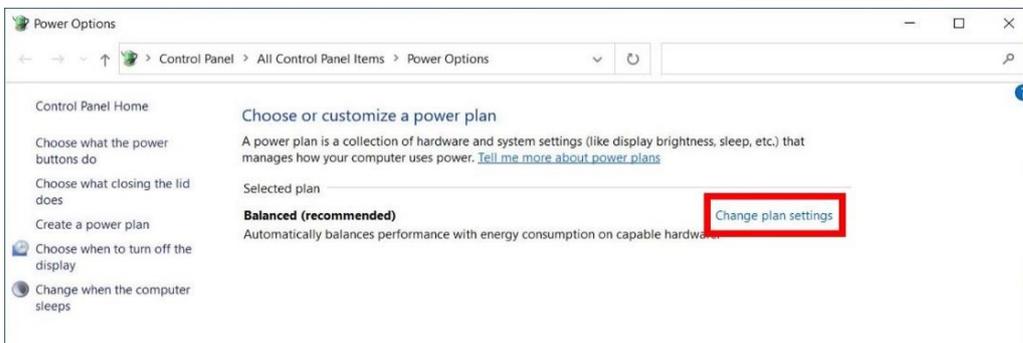
1-2. Click [System].



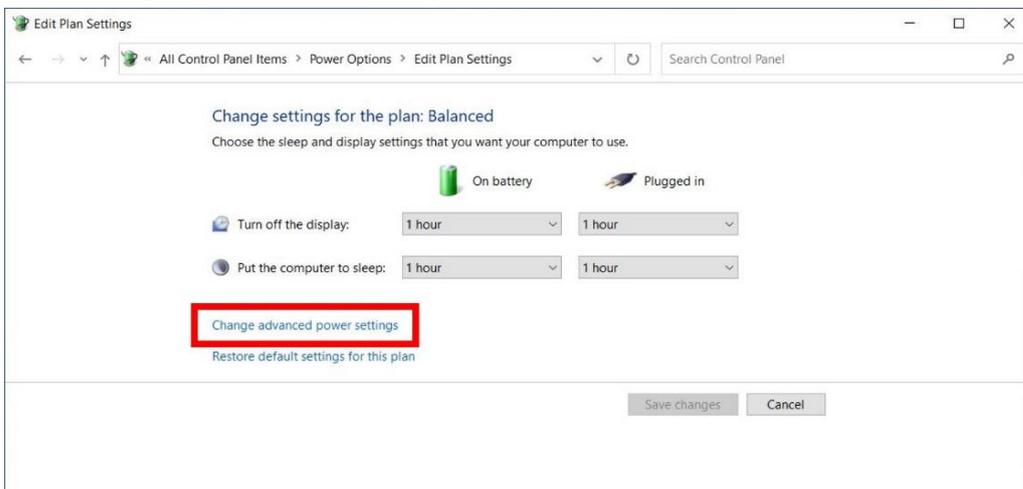
1-3. Click [Power & sleep] > [Additional power settings].



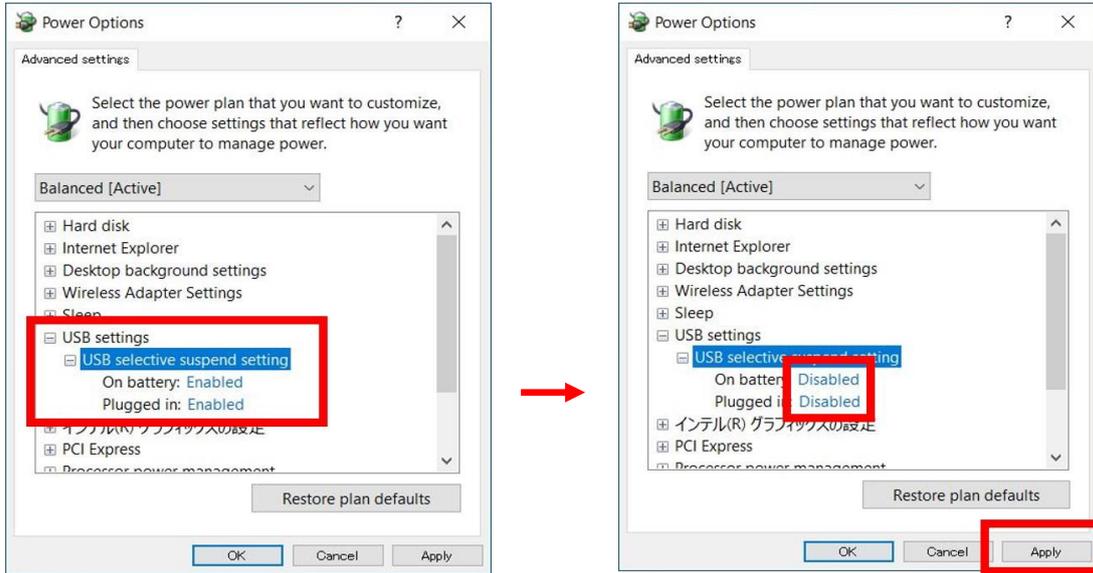
1-4. Click [Change plan settings].



1-5. Click [Change advanced power settings].

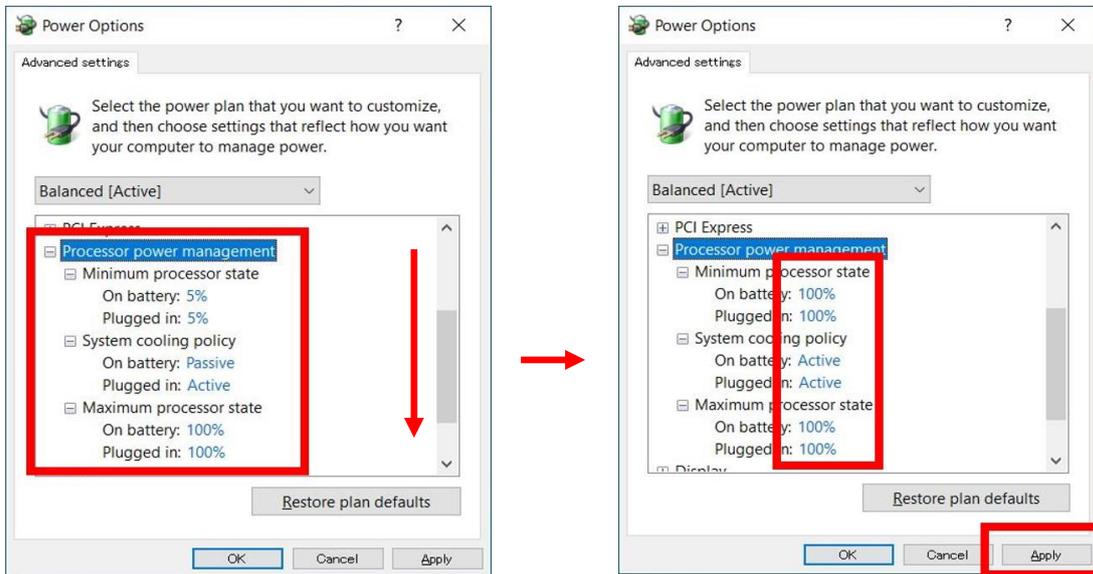


1-6. Set [USB Settings] > [USB selective suspend Setting] to "Disabled" and click [Apply].



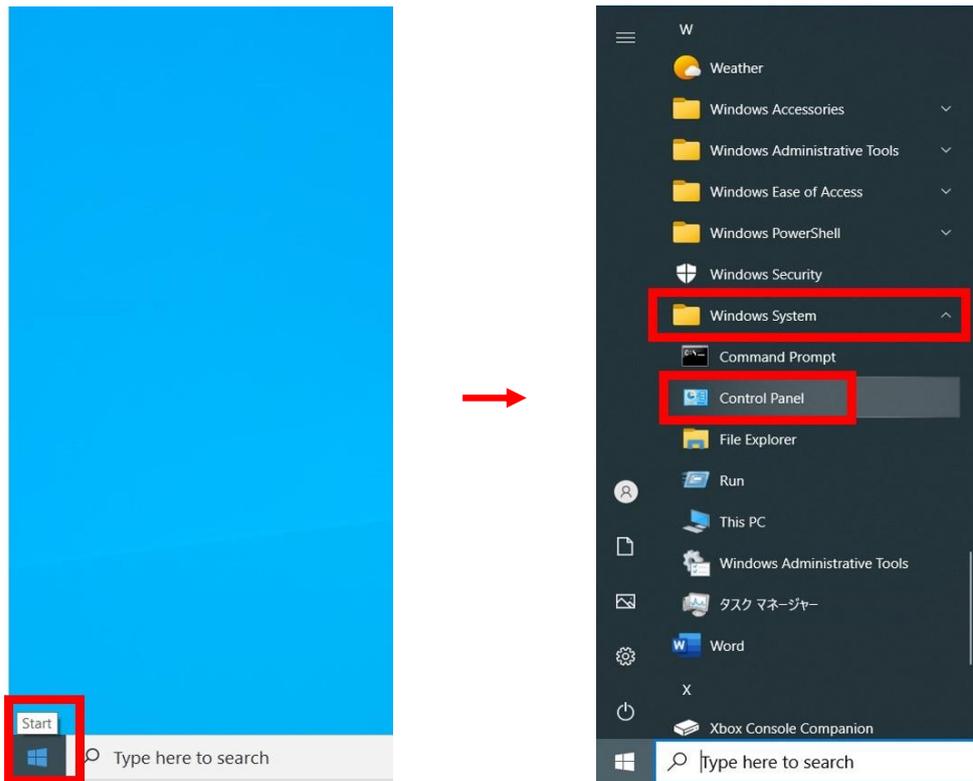
1-7. Set [Processor power management] as follows and click [Apply].

- Minimum purocessor state : 100%
- System cooling policy : Active
- Maximum purocessor state : 100%

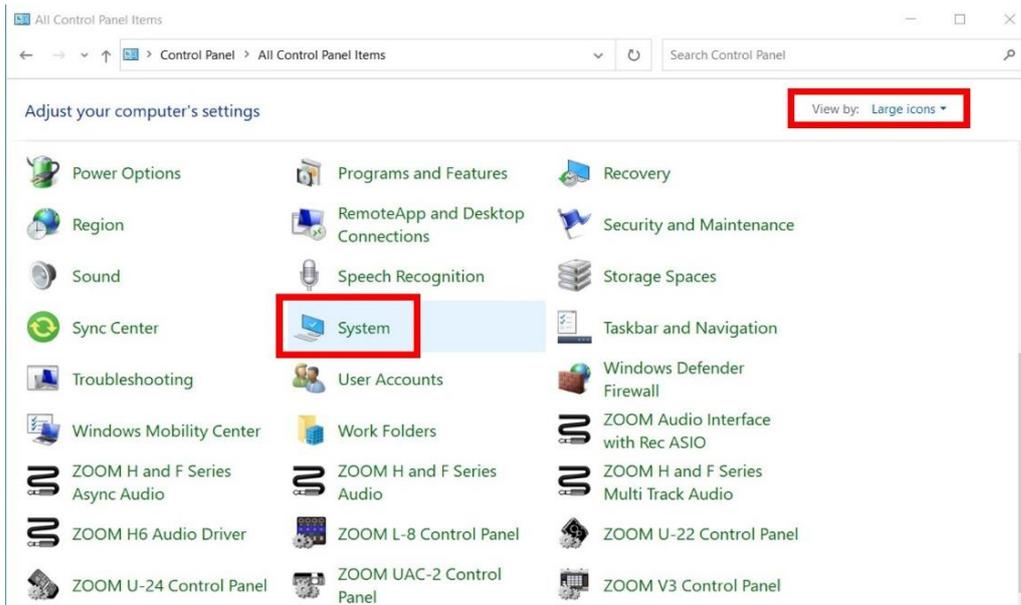


② Set "Processor scheduling" to "Background service".

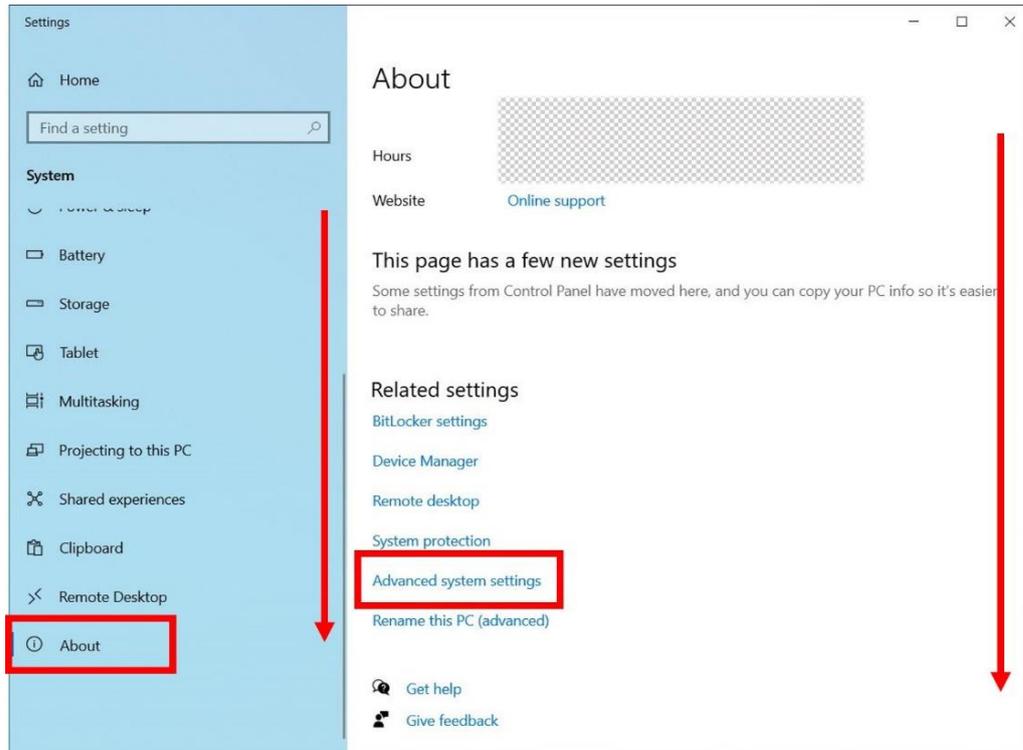
2-1. Click [Start] > [Windows System] > [Control Panel].



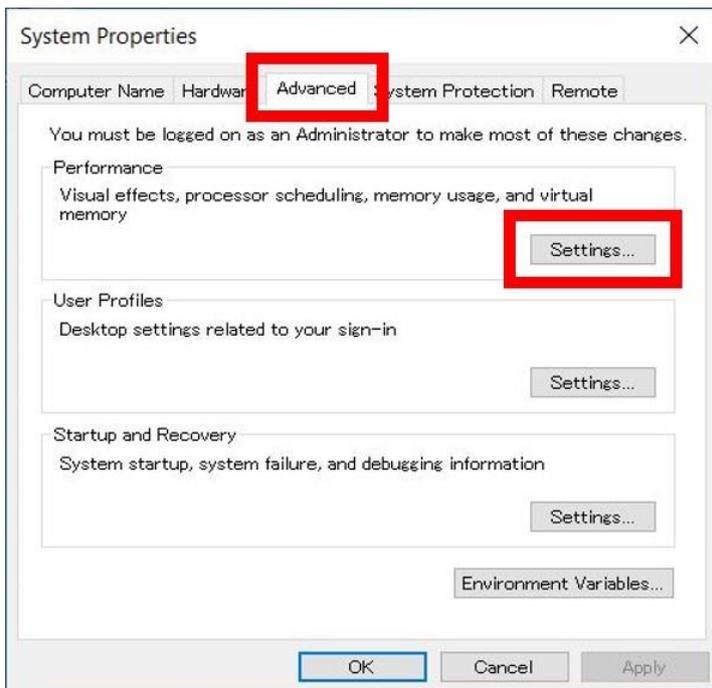
2-2. Switch "View by" to "Large icons" and click [System].



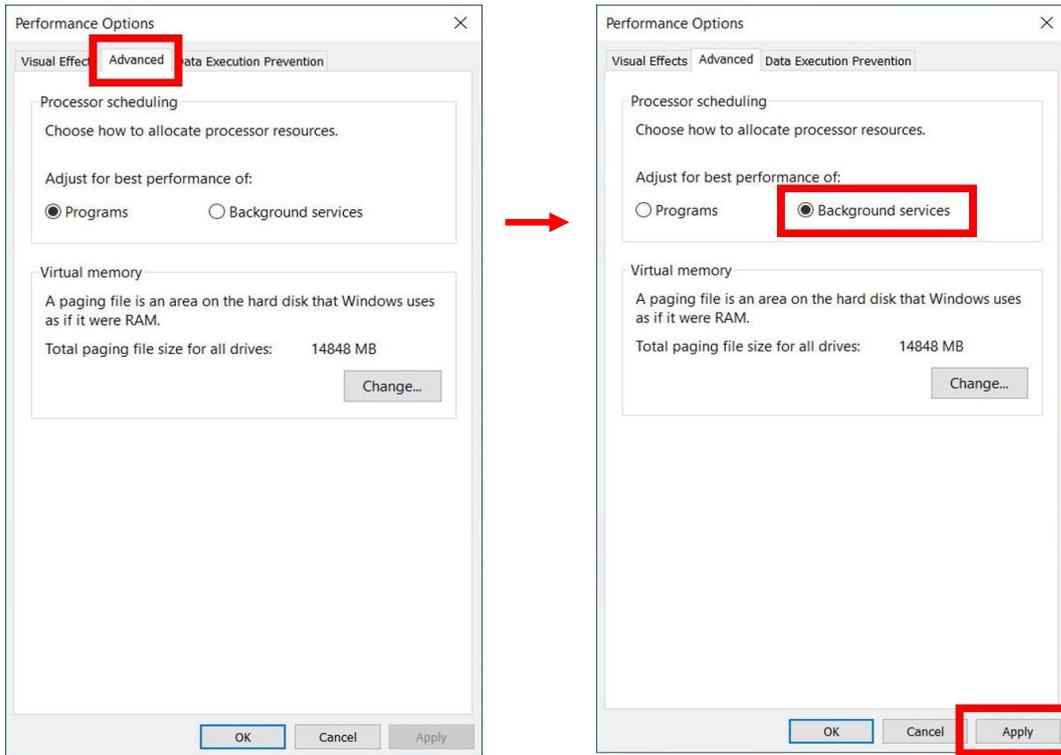
2-3. Click [About] > [Advanced system settings].



2-4. Click [Advanced] > Performance [Settings...].

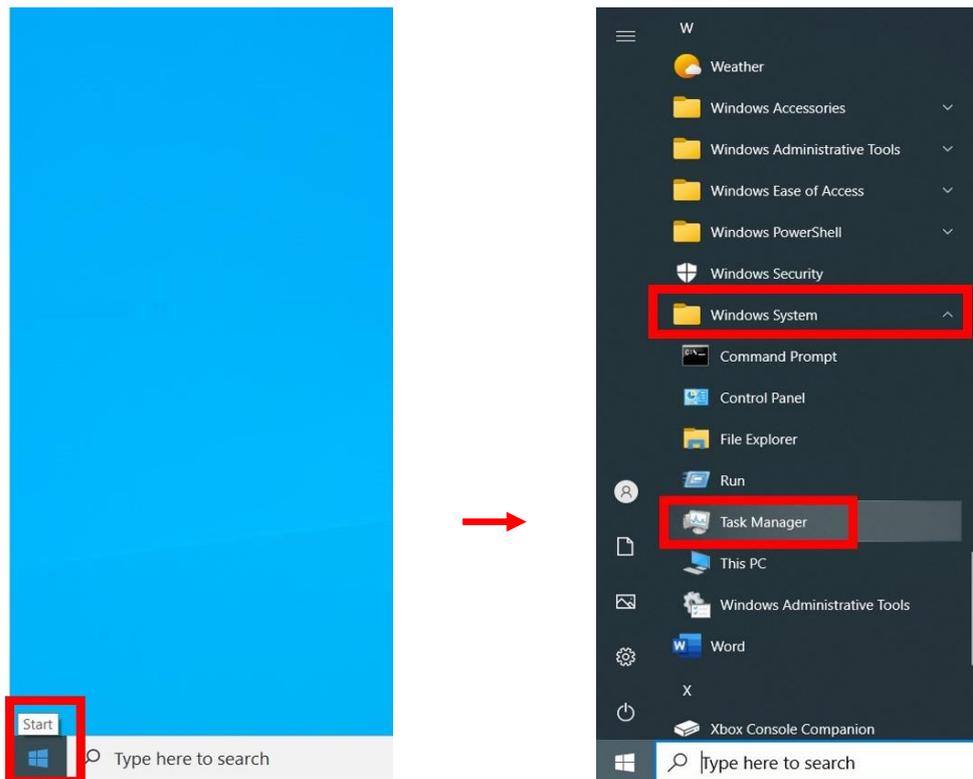


2-5. Click [Advanced], check "Background services", and click [Apply].

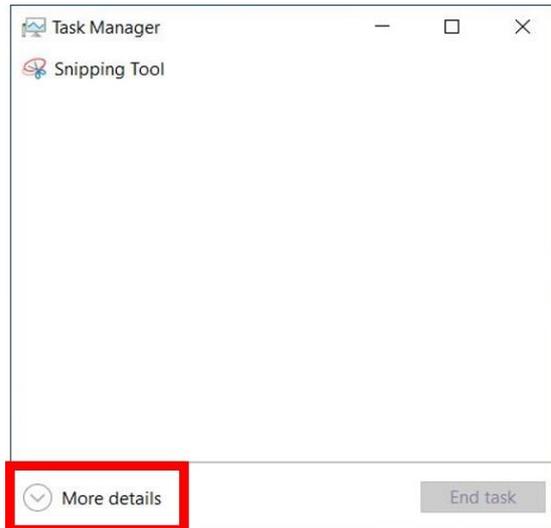


### ③ Turn off Startup apps and resident softwares as much as possible.

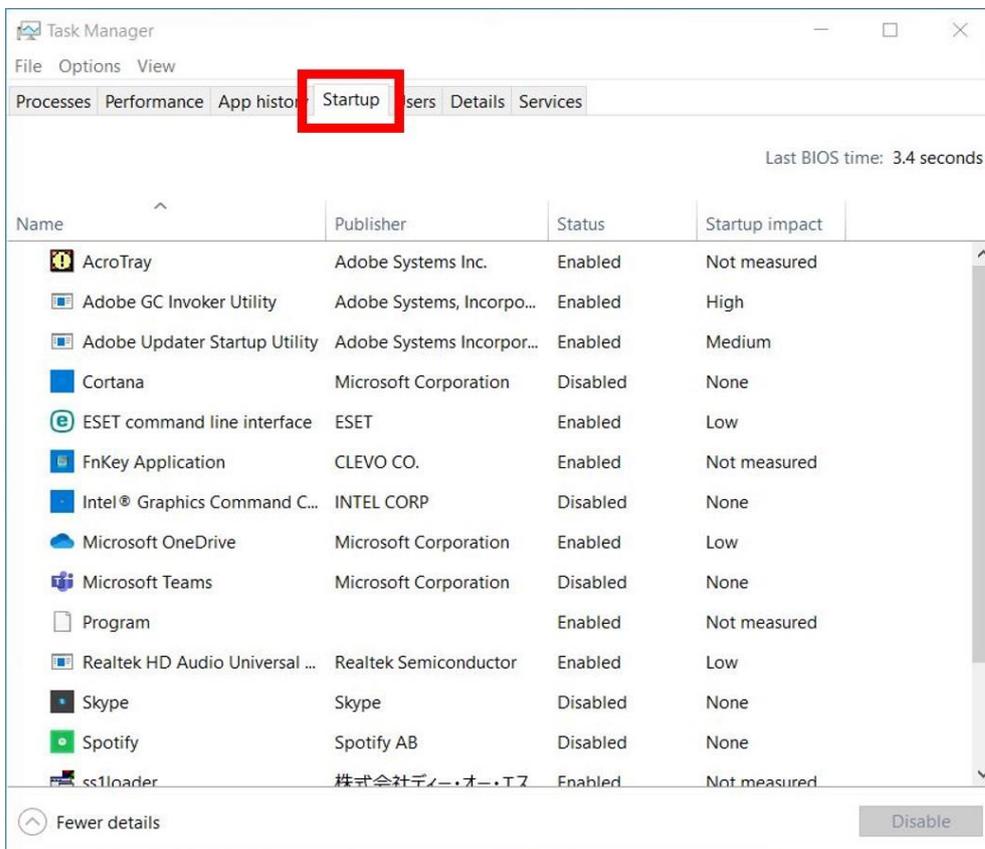
3-1. Click [Start] > [Windows System] > [Task Manager].



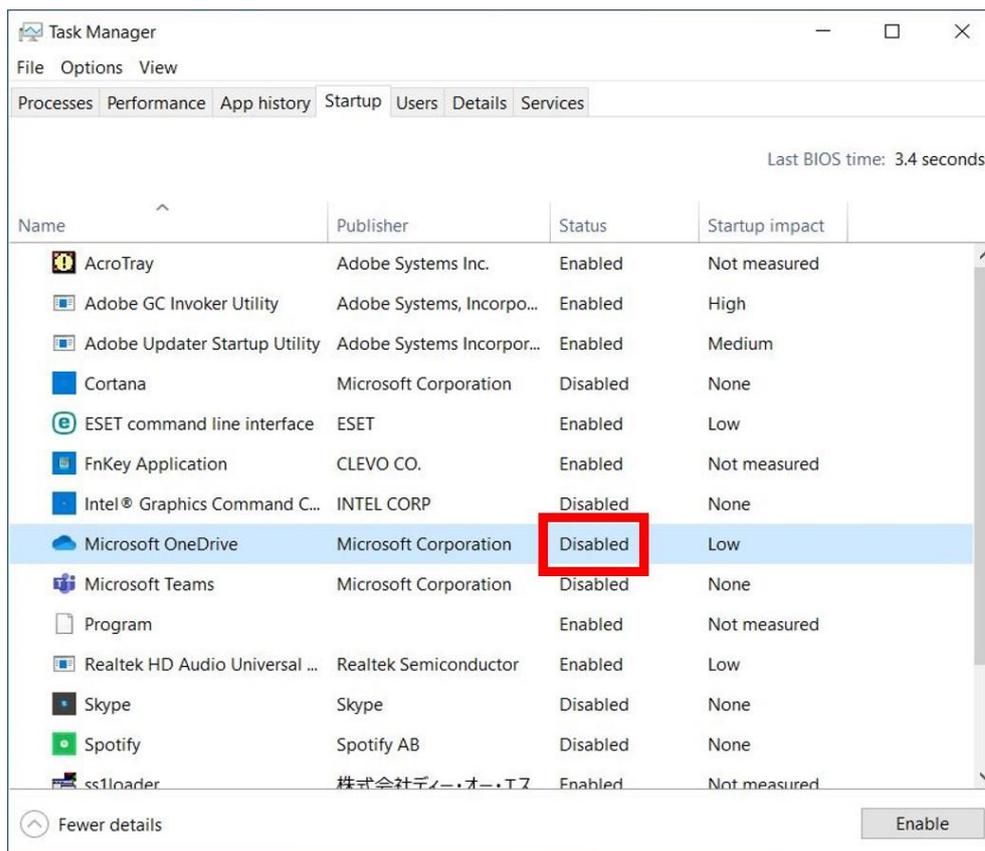
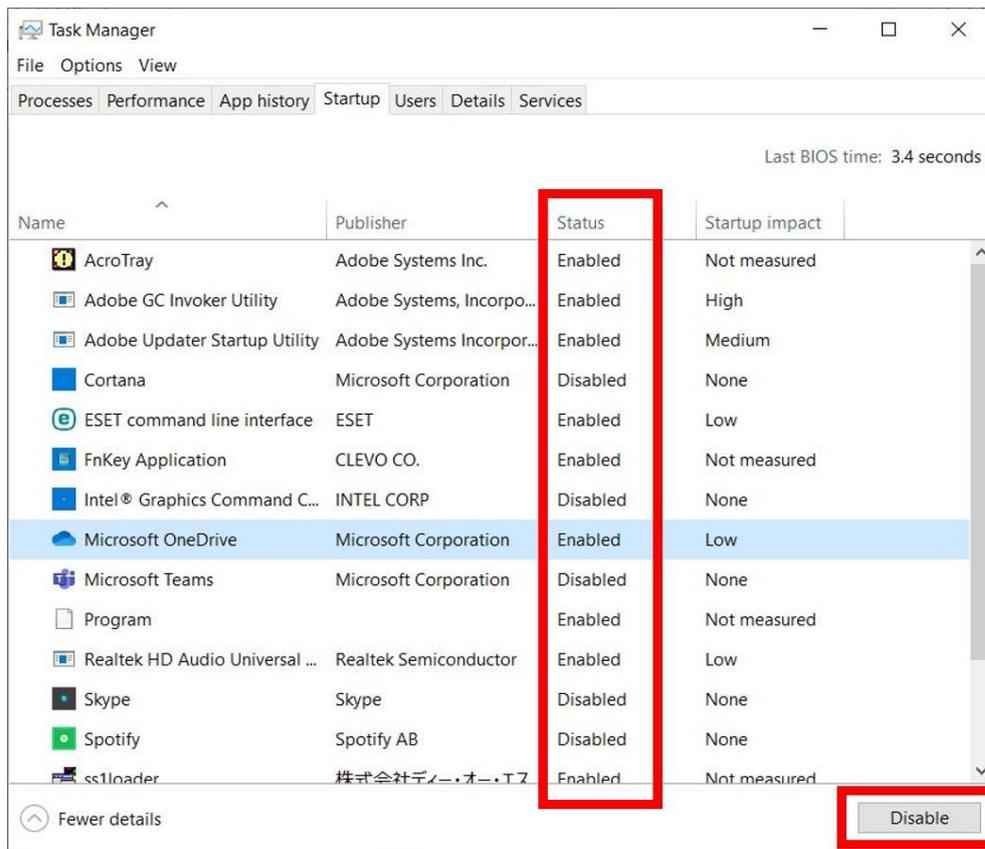
3-2. Click "More details".



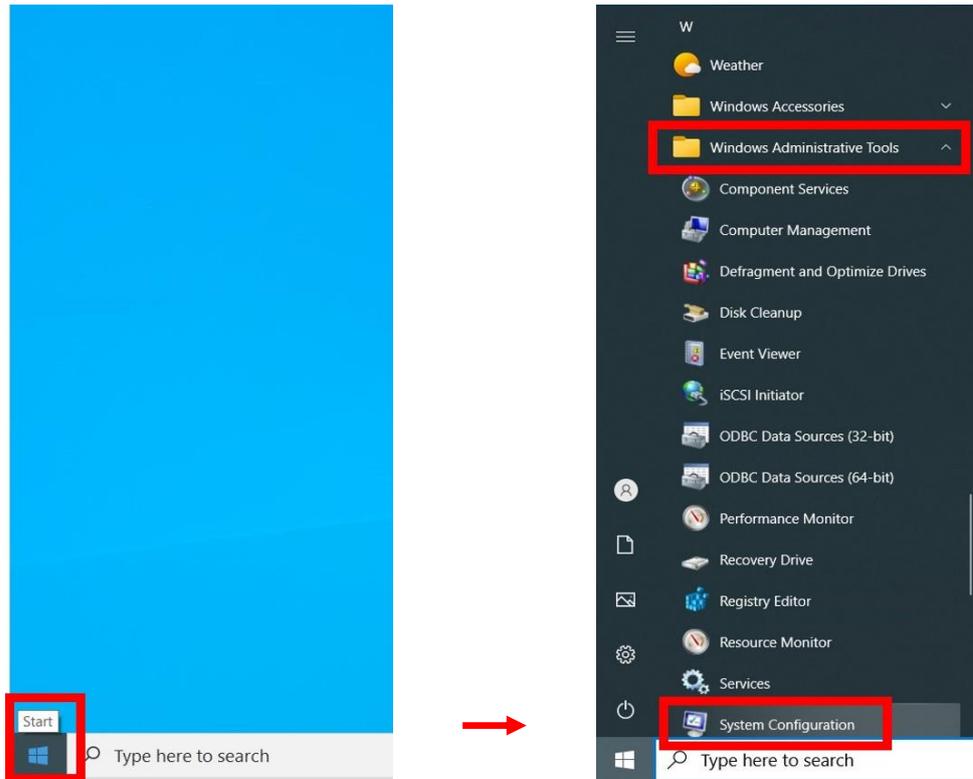
3-3. Click [Startup].



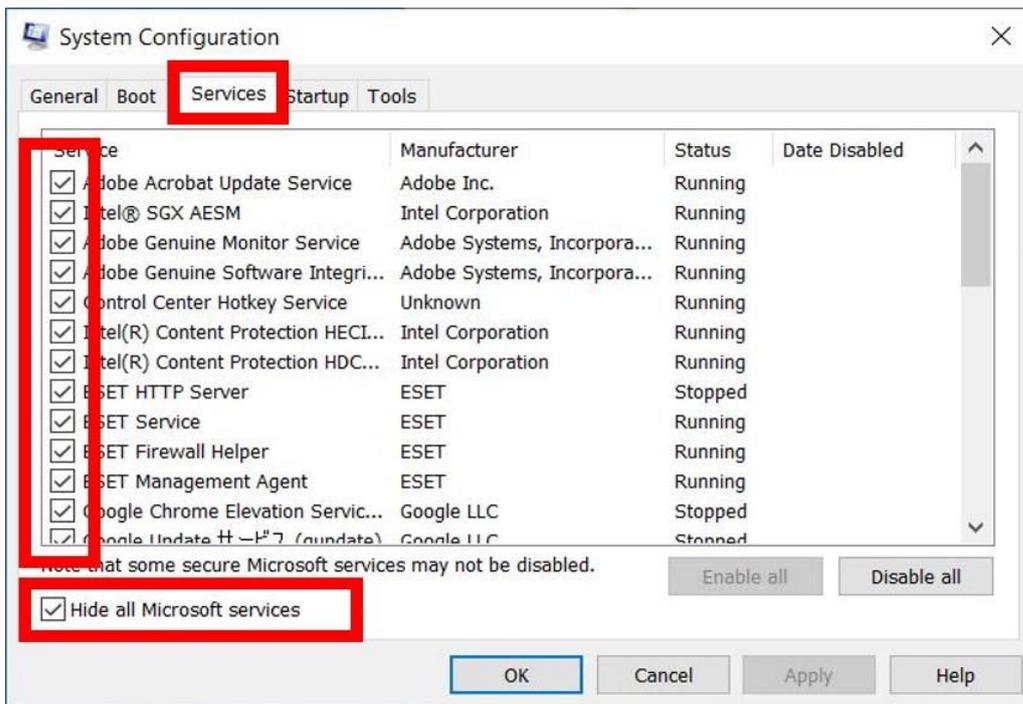
3-4. Click to select an app that does not require automatic launch, then click [Disable].



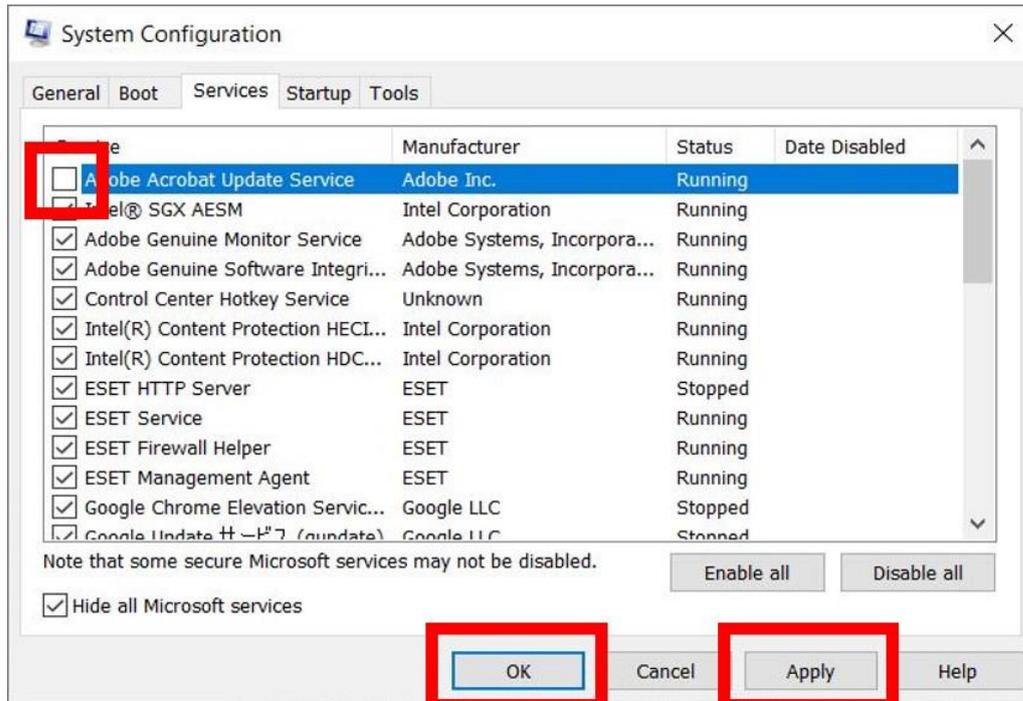
3-5. Click [Start] > [Windows Administrative Tools] > [System Configuration].



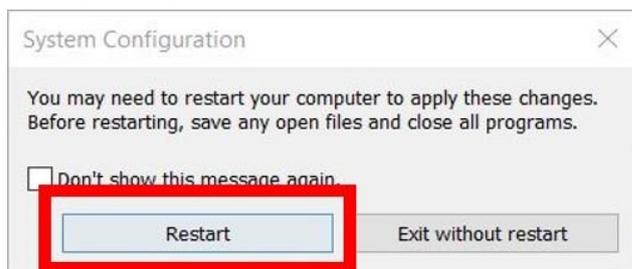
3-6. Click [Services] and check "Hide all Microsoft services".



3-7. Remove check mark the software you don't need to run and click [Apply] > [OK].

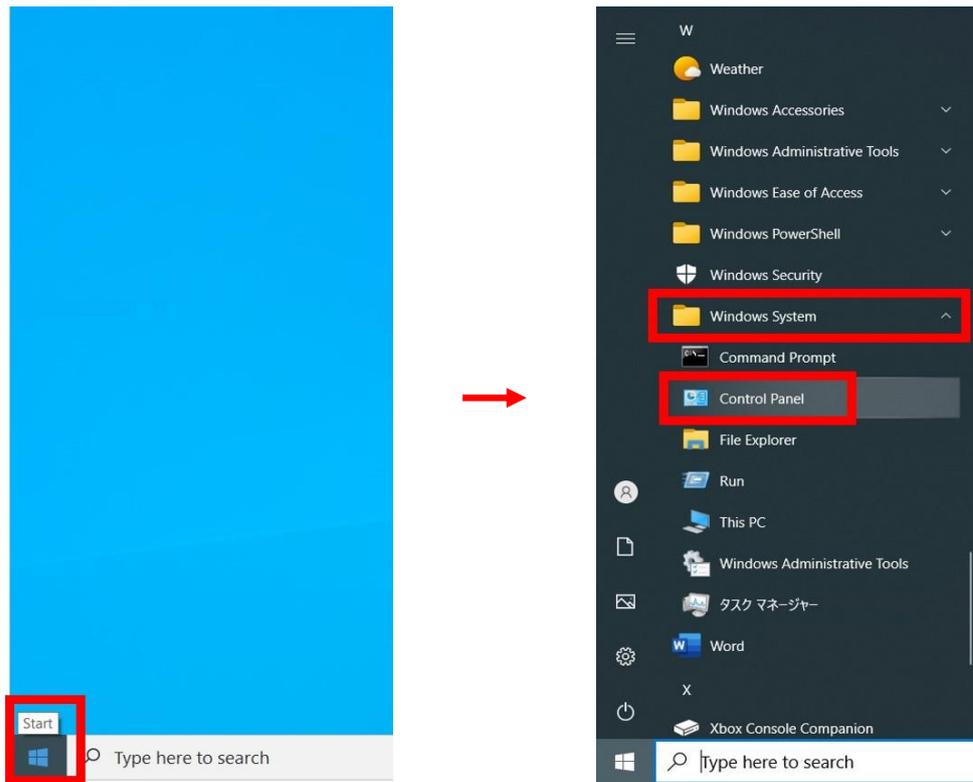


3-8. Click [Restart].

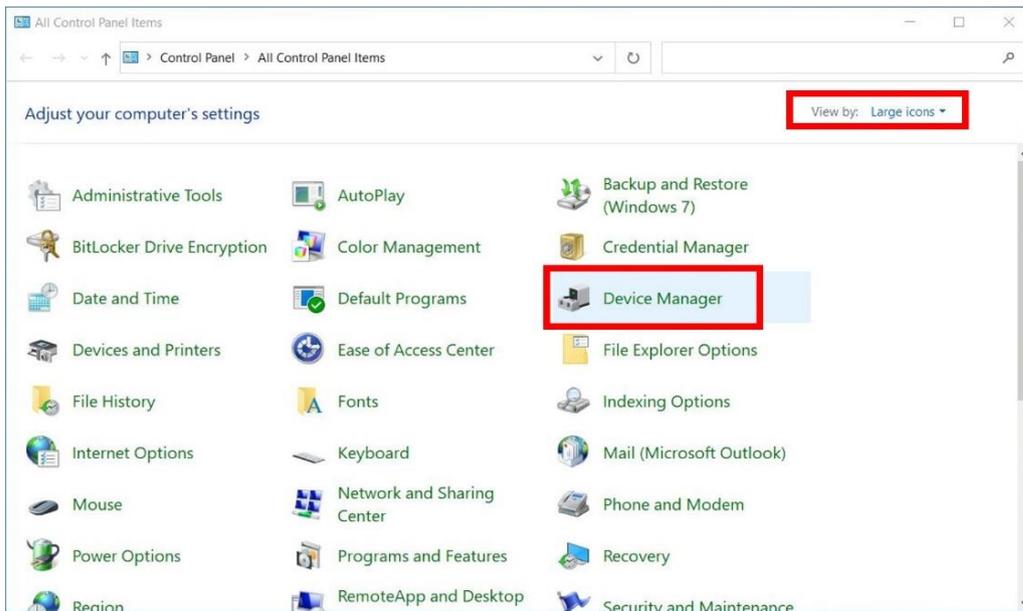


#### ④ Change USB power management setting.

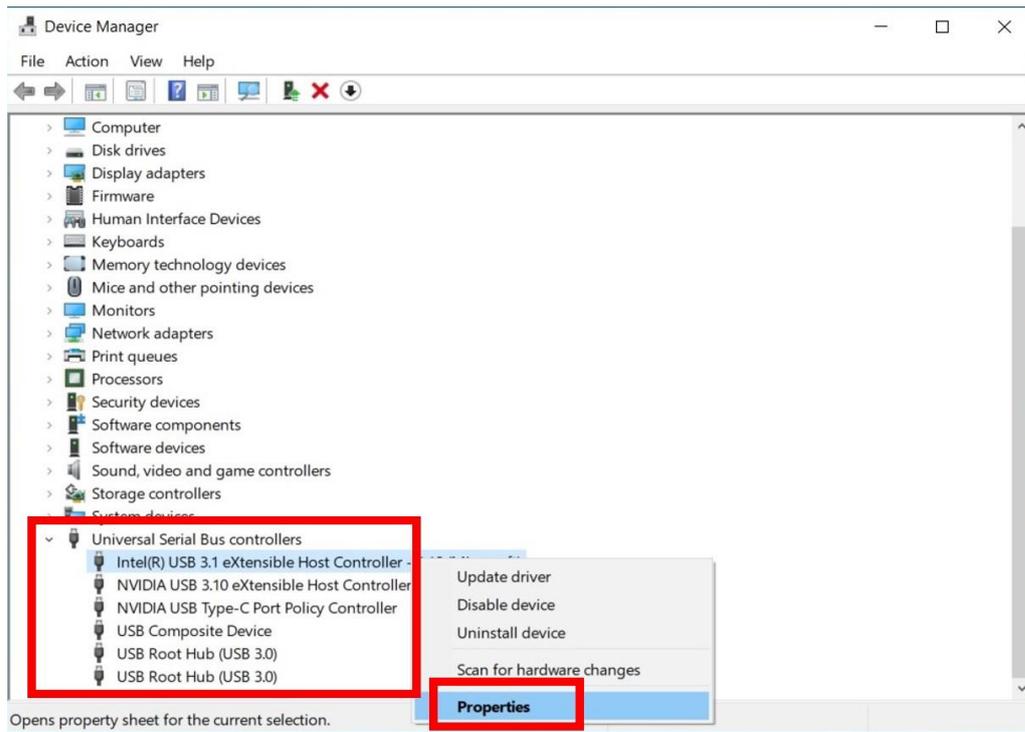
4-1. Click [Start] > [Windows System] > [Control Panel].



4-2. Switch "View by" to "Large icons" and click [Device Manager].



- 4-3. Right-click the USB Host Controller of the Universal Serial Bus controllers (such as Intel (R) USB3.1 eXtensible...) and click [Properties].



- 4-4. Click [Power Management], uncheck "Allow the computer to turn off this device to save power", and click OK.

