

Instructions for WLAN Driver and Bluetooth Driver Update

(WLAN: Version 24.50.0.4, Bluetooth: Version 24.40.10.3)

This document explains about the procedure for updating Bluetooth driver and WLAN driver.

[Attention]

- **Be sure to update both driver, Bluetooth and WLAN.**
- **Please update Bluetooth driver and WLAN driver in order. (only CF-FV3[Y/Z] series)**
- **Please update to the latest version if there are any updates available for Intel® CSME firmware or Intel® CSME driver.**
- **Please surely sign-in with “administrator” user account when you execute updating. (Do NOT use “Fast User Switching” function. Then sign in with administrator user account and operate the procedure.)**
- **Perform this procedure with the AC adapter and a sufficiently charged battery pack attached.**

[Update Procedure]

Please execute updating with the following steps.

1. Bluetooth driver update procedure
 - 1-1. Confirm the updating necessity of Bluetooth driver
 - 1-2. Update Bluetooth driver
 - 1-2-1. Extract update program of Bluetooth driver
 - 1-2-2. Update Bluetooth driver
2. WLAN driver update procedure
 - 2-1. Confirm the updating necessity of WLAN driver
 - 2-2. Update WLAN driver
 - 2-2-1. Extract update program of WLAN driver
 - 2-2-2. Update WLAN driver
3. Reboot

1. Bluetooth driver update procedure

1-1. Confirm the updating necessity of Bluetooth driver

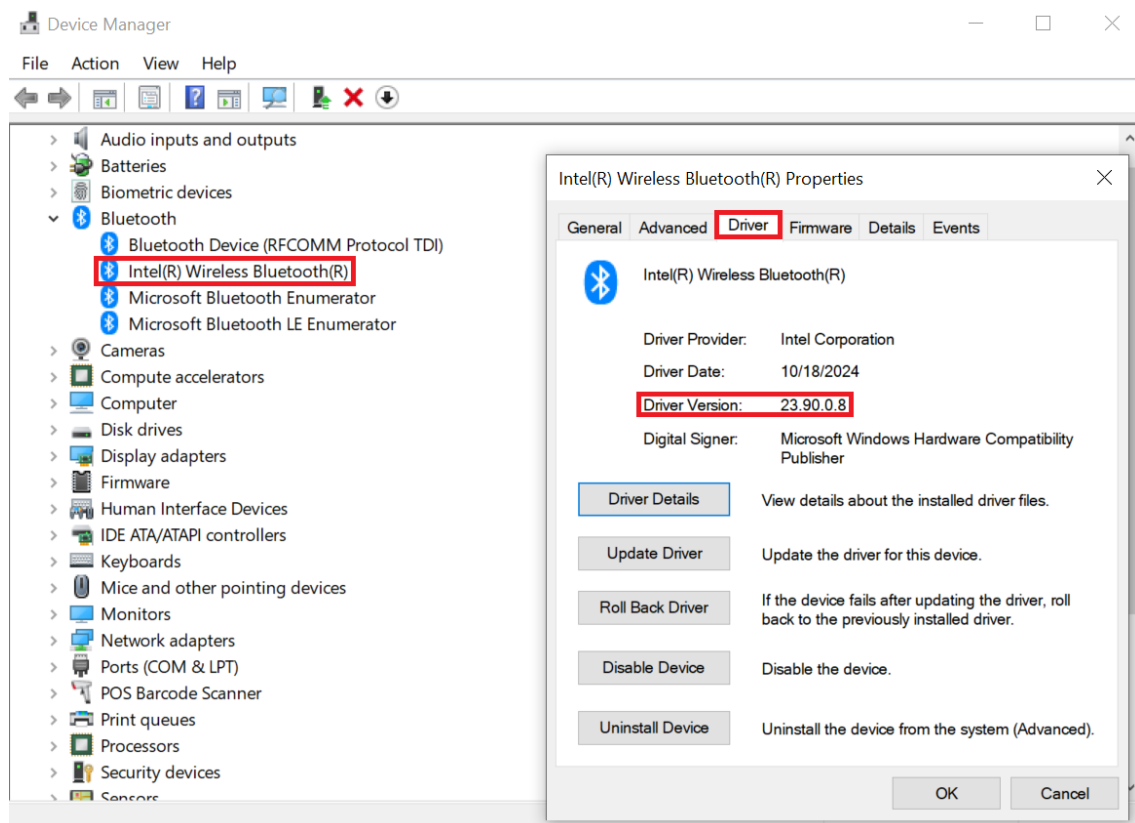
(1) Hold down the “Windows” key and press the “x” key on your keyboard.

Alternatively, right-click  [Windows] icon or hold the [Windows] icon and release.

Click [Device Manager] in the displayed menu.

(2) Double-click [Intel(R) Wireless Dual Bluetooth(R)] or [Intel(R) Wireless Bluetooth(R)] in [Bluetooth].

(3) Click [Driver] tab.



(4) Confirm the display of driver version.

If the driver version is “24.40.10.3” or newer,
the Bluetooth driver has already updated. (No update required.) Please go to “**2. WLAN driver update procedure**”.

If the driver version is older than “24.40.10.3”,
the Bluetooth driver should be updated. Please go to “**1-2. Update Bluetooth driver**”.

1-2. Update Bluetooth driver

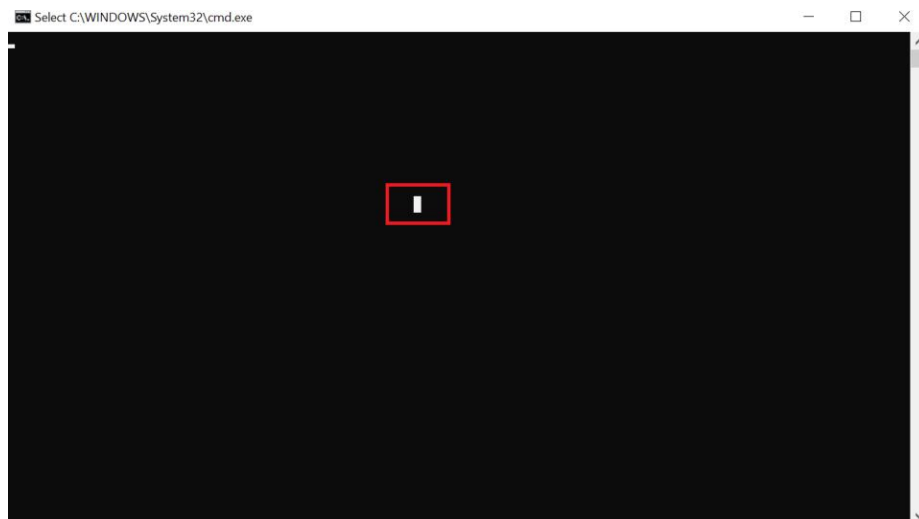
1-2-1. Extract update program of Bluetooth driver

- (1) Double-click and execute the downloaded update program([bt_v24_50_0_4.exe](#)). If the [User Account Control] screen is displayed, click [Yes].
- (2) Then a license agreement screen will be displayed, please read the contents thoroughly and click [Yes].
- (3) A screen for setting the extract destination folder is displayed. The working folder will be created automatically by the program, so no need to change it in particular. (Default is [C:\util2\drivers\bt_v24_50_0_4](#))
- (4) Click [OK]. When the extraction is completed after a while, the extraction folder will open.

1-2-2. Update Bluetooth driver

- (1) Install Bluetooth driver in the extracted folder.
Right-click [[Vinstall.bat](#)] or hold it and release.
Then click [Run as administrator].
The software will NOT be installed unless [Run as administrator].
If the “User Account Control” screen is displayed, click [Yes].
- (2) “C:\windows\System32\cmd.exe” screen will be displayed, and the Bluetooth software executes updating.

Do not click inside (black part) of the “C:\windows\System32\cmd.exe” screen.
If clicked, enter the “C:\windows\System32\cmd.exe” screen into edit mode and pause Bluetooth driver update. When the “C:\windows\System32\cmd.exe” screen enters edit mode, a white cursor as shown in the figure below is displayed. In this case, right-click inside (black part) of the “C:\windows\System32\cmd.exe” screen. The edit mode ends, and Bluetooth driver update resumes.



- (3) Please confirm the version of [Intel (R) Wireless Bluetooth (R)] is “[24.40.10.3](#)” by the same procedure of “1-1. Confirm the updating necessity of Bluetooth driver”.

2. WLAN driver update procedure

2-1. Confirm the updating necessity of WLAN driver

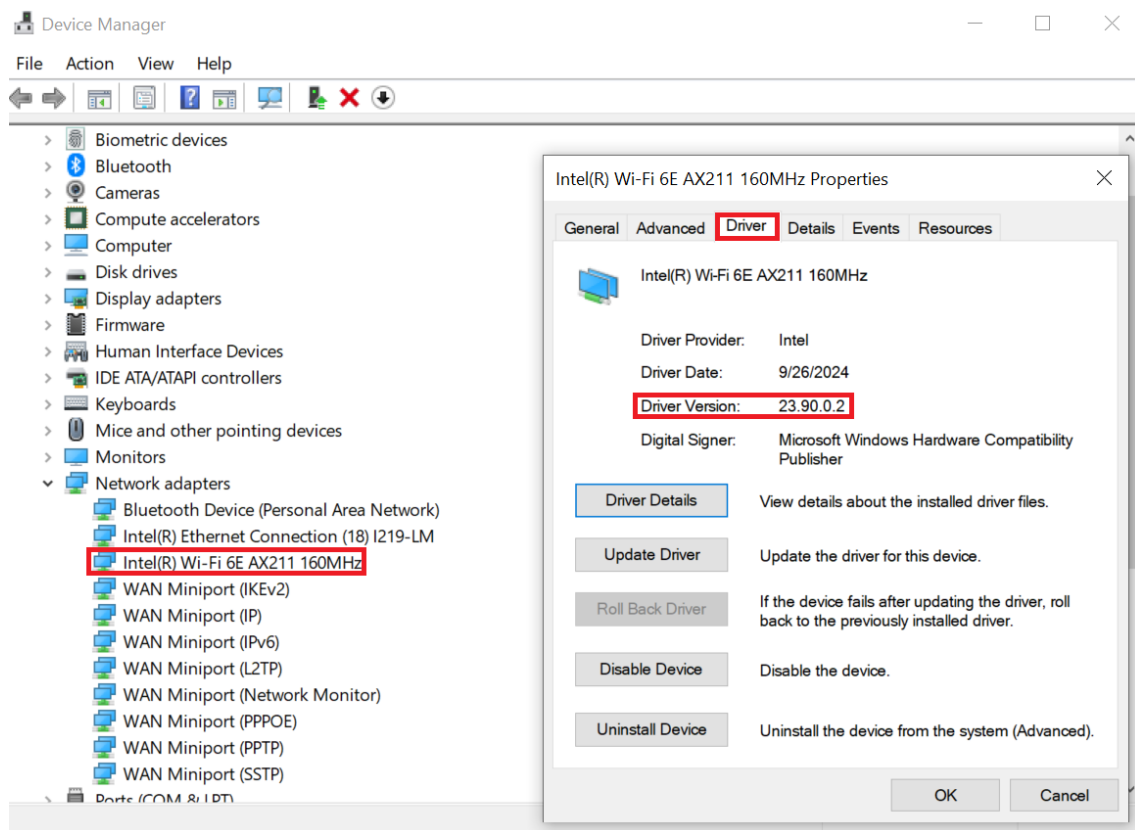
(1) Hold down the “Windows” key and press the “x” key on your keyboard.

Alternatively, right-click  [Windows] icon or hold the [Windows] icon and release.

Click [Device Manager] in the displayed menu.

(2) Double-click [Intel(R) Wi-Fi 7 BE211 320MHz], [Intel(R) Wi-Fi 7 BE201 320MHz], [Intel(R) Wi-Fi 7 BE200 320MHz], [Intel(R) Wi-Fi 6E AX211 160MHz], [Intel(R) Wi-Fi 6 AX201 160MHz] or [Intel(R) Wireless-AC 9560 160MHz] in [Network adapters].

(3) Click [Driver] tab.



(4) Confirm the display of driver version.

If the driver version is “24.50.0.4” or newer,
the WLAN driver has already updated. (No update required.)
Please go to “3. Reboot”.

If the driver version is older than “24.50.0.4”,
the WLAN driver should be updated. Please go to “2-2. Update WLAN driver”.

2-2. Update WLAN driver

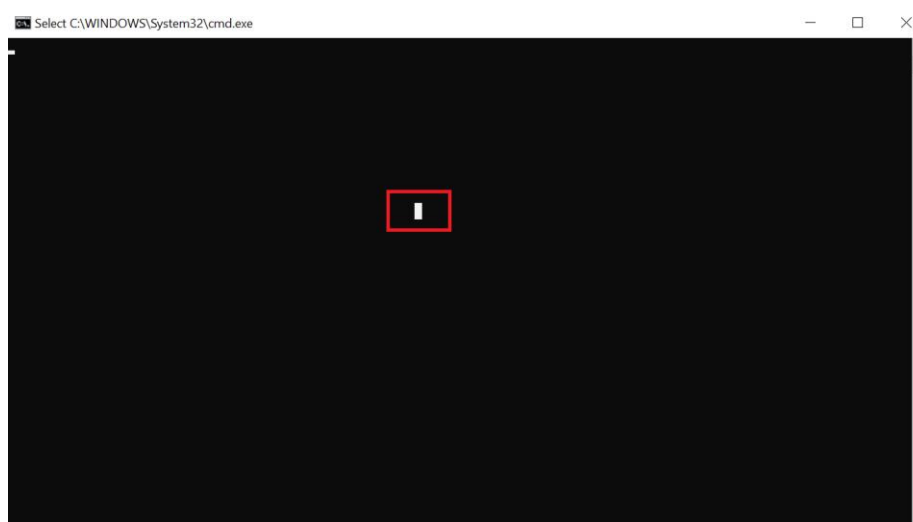
2-2-1. Extract update program of WLAN driver

- (1) Double-click and execute the downloaded update program([wlan_v24_50_0_4.exe](#)). If the “User Account Control” screen is displayed, click [Yes].
- (2) Then a license agreement screen will be displayed. Please read the contents well and click [Yes].
- (3) A dialog box for setting the extraction destination folder will appear. The extract folder will be automatically created by program, so no need to change it in particular. (Default is [C:\util2\drivers\wlan_v24_50_0_4](#))
- (4) Click [OK]. When finishing the extraction after a while, an extract folder will open.

2-2-2. Update WLAN driver

- (1) Install WLAN driver in the extracted folder.
Right-click [\[Vinstall.bat\]](#) or hold it and release.
Then right-click [Run as administrator]
The software will NOT be installed unless [Run as administrator].
If the “User Account Control” screen is displayed, click [Yes].
- (2) The “C:\windows\System32\cmd.exe” screen will be displayed, and the WLAN driver executes updating. If the window disappears, the update is complete. (It may take 1 minute or more for the screen to disappear.)

Do not click inside (black part) of the “C:\windows\System32\cmd.exe” screen.
If clicked, enter the “C:\windows\System32\cmd.exe” screen into edit mode and pause WLAN driver update. When the “C:\windows\System32\cmd.exe” screen enters edit mode, a white cursor as shown in the figure below is displayed. In this case, right-click inside (black part) of the “C:\windows\System32\cmd.exe” screen. The edit mode ends, and WLAN driver update resumes.



- (3) Confirm the version of the WLAN driver is “[24.50.0.4](#)” by the same procedure of “2-1. Confirm the updating necessity of WLAN driver”.

3. Reboot

Please reboot at the end of the updating.

That's all, the process of updating has been completed.