HDMI Firmware Update Guide for Intel® NUC Kits NUC7i3BN, NUC7i5BN and NUC7i7BN

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Revision History

Date	Revision	Description
November 2019	1.0	Initial release.
January 2020	2.0	Added Command Line tool option – BobcatISP.EXE

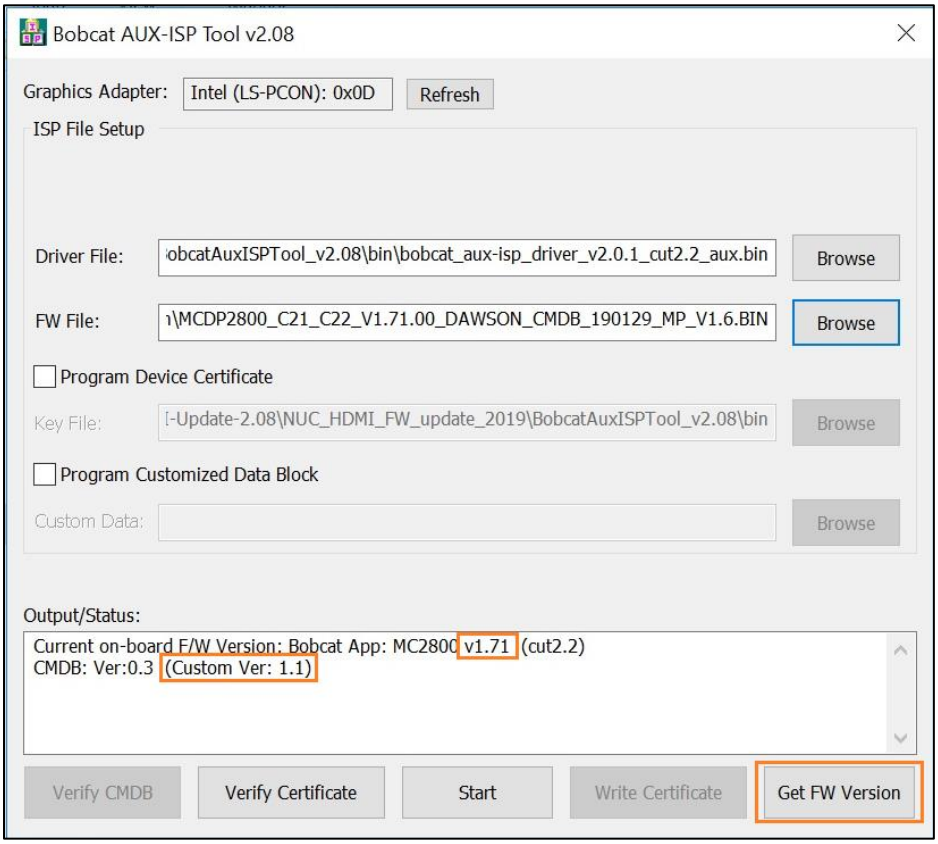
1.0 HDMI Firmware Update Process

This document guides you on updating the HDMI firmware on Intel® NUC family NUC7i3BN, NUC7i5BN and NUC7i7BN.

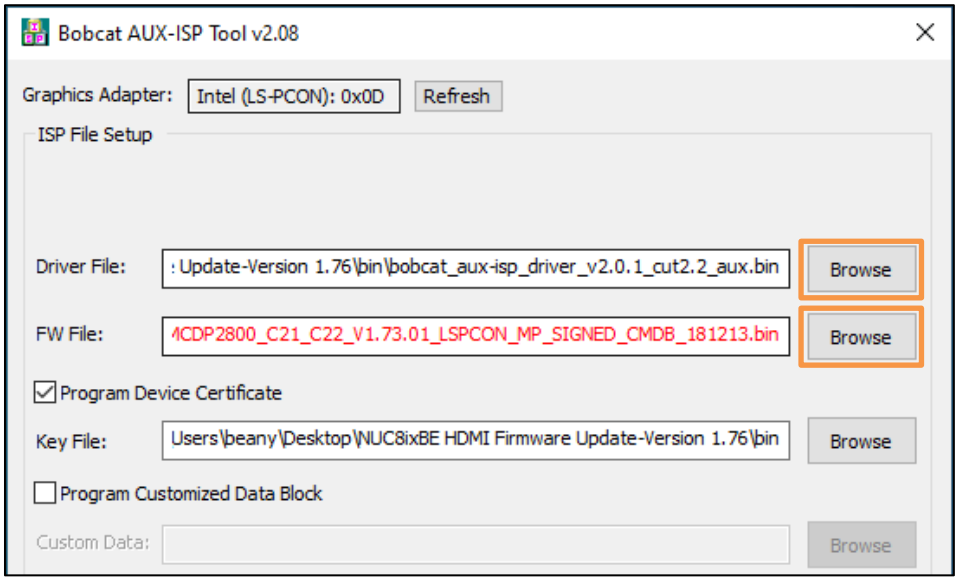
1.1 Update the HDMI Firmware with BobcatAuxISPTool.exe

The graphical HDMI Firmware Update Tool - ***BobcatAuxISPTool.exe*** - **only** runs in Windows 10.

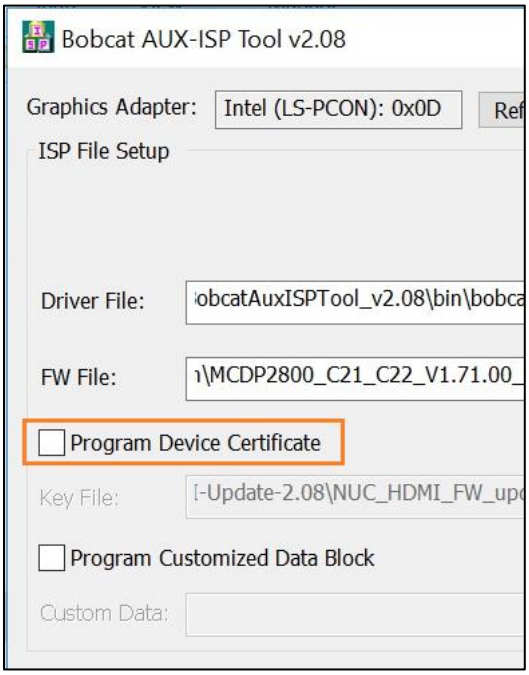
1. Connect a HDMI monitor to the **HDMI Port.**
2. Turn on the Intel NUC.
3. In Windows File Explorer, navigate to the folder where you unzipped the download.
4. Right-click the file **BobcatAuxISPTool.exe** and select, **Run as administrator** to launch the update tool.
5. Click **Get FW Version** to display the current firmware version.



6. If the firmware needs updating, browse to the **/bin** folder for the Driver and FW Files:
   - Driver File: **bobcat_aux-isp_driver_v2.0.1_cut2.2_aux**
   - FW File: **MCDP2800_C21_C22_V1.77.93_LSPCON_MP_FHC_SIGNED_CMDB_BN_191003**



7. Uncheck the box for Program Device Certificate:



8. Click the **Start** button and confirm that you want to update the firmware.

NOTE: The screen will go black for up to a minute. Do NOT turn off the Intel NUC or the monitor until the update is complete.

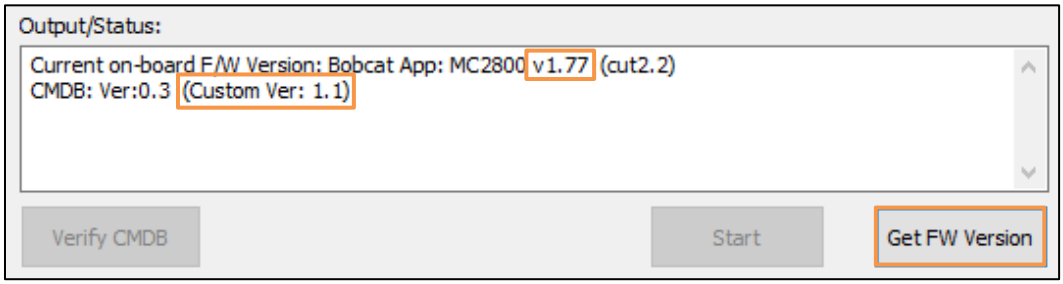
9. Click OK when the update finishes.

10. Restart the Intel NUC.

To check the new HDMI firmware version:

1. Double-click the file **BobcatAuxISPTool.exe** to launch the update tool.

2. Click **Get FW Version** to display the firmware version.



1.2 Update the HDMI Firmware with BobcatISP.exe

The HDMI Firmware Update Tool - ***BobcatISP.exe*** – is a command-line based tool. You can use this tool to create a one-click update file to mass deploy an HDMI firmware update to many Intel NUCs.

Find the current HDMI Firmware version:

1. Run the Command line: ***BobcatISP.exe -ChipInfo***
2. Look for the F/W version in the results:

    Bobcat ISP Tool v2.08
    Graphics adapter: Intel (LS-PCON): 0x0D
    [Chip Information]
    Current on-board F/W Version: Bobcat App: MC2800 **v1.66** (cut2.2)
    Chip serial #: 2103715
    CMDB: Ver:0.3 (**Custom Ver: 1.0**)

To update the HDMI firmware from the command line tool:

1. On the target Intel NUC, run the command line: ***BobcatISP.exe -run***