# Re-programming a Pluto-IIx HDMI USB-C board with the latest GCVideo release

This is a three-step process.



## 1. Get the .bin file

Go to the GCVideo release page.

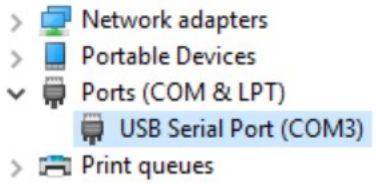
- For GameCube, download the “gcvideo-x.xx.p2xh-gc.zip” file
- For Wii, download the “gcvideo-x.xx.p2xh-wii.zip” file

Then open the zip file and extract the “.bin” file: that’s the file to flash into the Pluto board.

For example, the file to flash for GameCube and GCVideo 3.1 is “gcvideo-dvi-p2xh-gc-3.1-spirom-complete.bin”.

## 2. Connect the board

Connect the Pluto-IIx HDMI USB-C board to your computer (Windows 10/11) and check which new COM port appears in the Windows Device Manager.




In this example, it is COM3.

## 3. Flash the board

Run FPGAconf.

- In the “Boards” menu, select “Pluto-IIx (XC3S200) (USB-C)”.
- In the “Options” menu, select the right COM port.

Click “Program boot-PROM” to flash the “.bin” file.
After a couple of minutes, FPGAconf should say “boot-PROM programmed and verified ok”.

Congratulations.

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