Update your FA board

WillFA7, GottFA80_Plus (and Full), Gosof · about 10 minutes, no tools.

Pinballs Store
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What you need

- A **computer** with **Chrome** or **Edge**. Phones, tablets, Safari and Firefox do not work.
- A **USB-C data cable**. Some USB-C cables only charge.
- Your **Wi-Fi name and password**.

Safety

- **Switch the machine off before you open it.** In Part 1 the USB cable powers the module.
- Parts 2 and 3 need the machine on: **keep your hands out of the machine.**
- Your game, its scores and your Wi-Fi settings are not touched.

PART 1 · MACHINE OFF
Update over USB
Once. Steps 1 to 6.

PART 2 · MACHINE ON
Put the board on your Wi-Fi
Once. Steps 7 to 10.

PART 3 · WILLFA7 AND GOSOF
Install the FPGA image
Once, machine on. Steps 11 to 15.

Your screen may show newer version numbers than these pictures. That is normal. The pictures show a WillFA7.

PART 1 Update over USB

machine off · about 2 minutes

1 Open the update page in Chrome or Edge

`https://update.pinballs.store/usb/`

Log in with your Pinballs Store customer account: click Europe or USA, the shop you bought from. No account yet? You can create one with your email address on the next page.

2 Switch the machine off, get the board ready, then plug in the cable

Smart FA V1.2 module: take it out of the board, this is a must. The version is written at the top of the module (1). Pull it straight out, then plug the cable into the module alone.

V1.0 module: leave it in place. WillFA7: unplug 1J2 (Logic Power, top left corner). GottFA80_Plus and Gosof: nothing to unplug, but unplugging the power plug is even better.

Connect the USB-C data cable from the computer to the USB-C port of the module (2). The machine stays off: the USB cable powers the module.

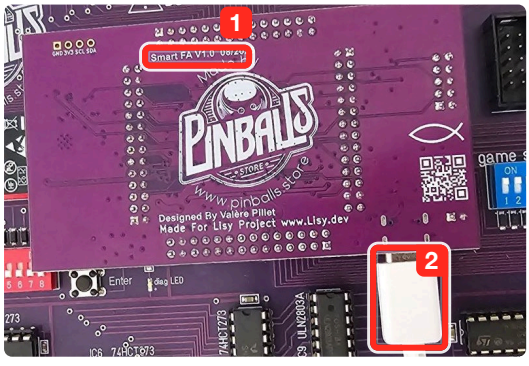
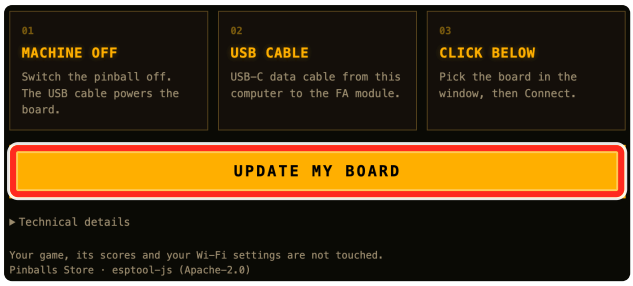


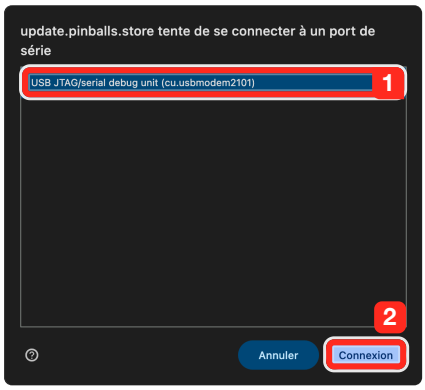
Photo of a WillFA7. On a GottFA80_Plus or a Gosof, look for the same module.

3 Click UPDATE MY BOARD



4 Click your board in the window, then Connect

The name may differ on your computer. If there is only one line, click it. If the list is empty, see the table on the last page.



Chrome is in French on this picture: “Connexion” is Connect.

5 Wait. It takes less than a minute.

> **Do not unplug the cable while the bar moves.**



6 The green message says Done: unplug the cable

INSTALLED now shows the same version as **NEW**. **MODULE** shows V1.0 or V1.2: both are fine.

> **Before switching on, put back what you removed.** V1.2 module: onto the board, the same way round. WillFA7: 1J2 on 1J2, not 1J6 (both have 9 pins).



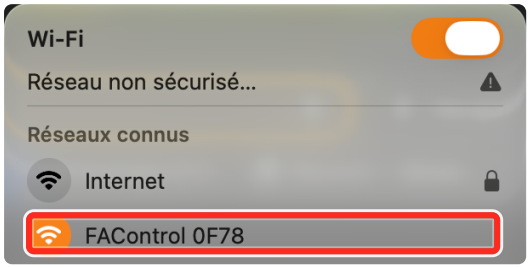
PART 2 Put the board on your Wi-Fi

machine on · about 3 minutes

Was your board already on your Wi-Fi? Switch the machine on and skip to Part 3.

7 Switch the machine on. On the computer, join the Wi-Fi network that starts with FAControl

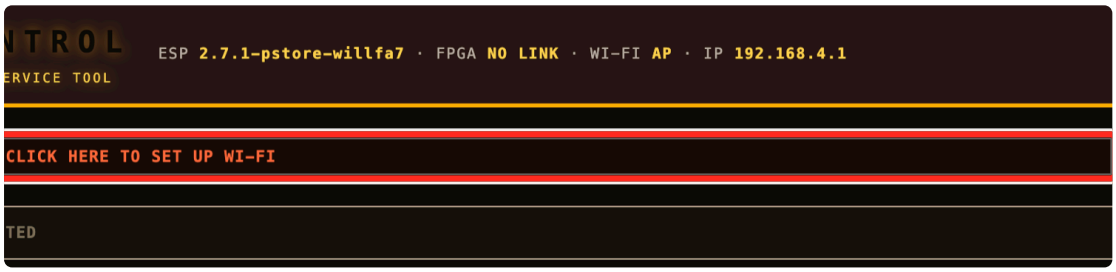
There is no password. The last 4 characters differ on every board. The computer warns that this network is not secure and has no Internet: that is normal for now.



8 Open this address, then click CLICK HERE TO SET UP WI-FI

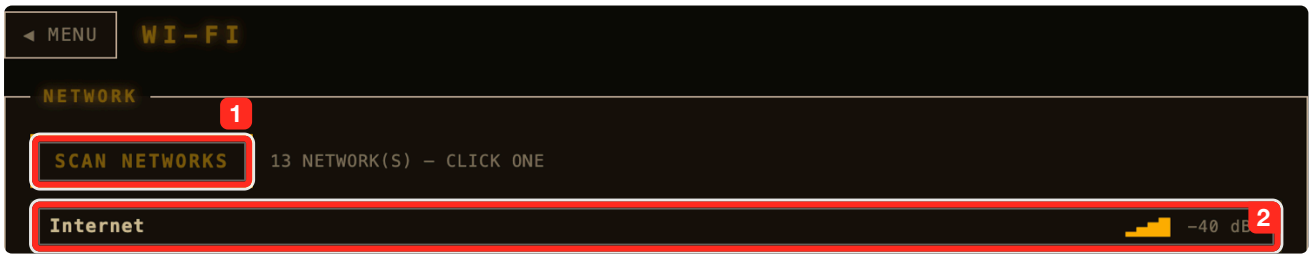
`http://192.168.4.1`

The browser says “Not secure”, and the page says **FPGA NO LINK**. Both are normal at this stage.



9 Click SCAN NETWORKS, then click your home network

Your network has its own name; here it is called “Internet”. The board only sees 2.4 GHz Wi-Fi.



10 Type your Wi-Fi password, then click SAVE + REBOOT

The board restarts and joins your Wi-Fi.



PART 3 Install the FPGA image

WillFA7 and Gosof · machine on · about 3 minutes

GottFA80_Plus: you are finished. This board has no FPGA step.

11 Put the computer back on your home Wi-Fi, open this address, then click WI-FI

`http://pstore-1.local`

Type the `http://` too. A second board on the same network is `pstore-2.local`.



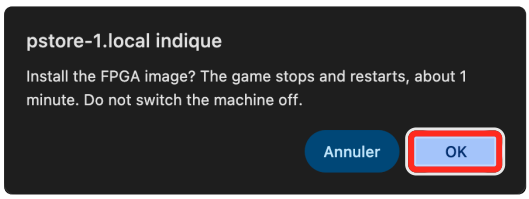
12 In the FIRMWARE panel, wait a few seconds, then click INSTALL FPGA

The board is asking the update server. **FPGA: NO ANSWER** is normal before this step. No button, and the FPGA line says **UP TO DATE**? You are finished.

> **WillFA7S with the sound board: do not click INSTALL FPGA.** This image is for the plain WillFA7 only.



13 Click OK



14 Wait 1 to 3 minutes. The board stops and restarts.

> **Do not switch the machine off. The page reloads by itself when it is done.**



15 Finished when both lines say UP TO DATE

The FPGA line now shows its version and the button is gone. Your game runs again as usual.



Next time: one button, no cable

Open `http://pstore-1.local` and click **WI-FI**. When a new version exists, the **FIRMWARE** panel shows a button **INSTALL** followed by the version number. Click it, click OK, and the board restarts when it is done.

If something goes wrong

“This page needs Chrome or Edge on a computer”	Open the page in Chrome or Edge, on a computer.
The window of step 4 is empty	Check that the cable is fully in. Then try another cable: many USB-C cables only charge.
“The board did not answer”	Nothing was written. Unplug the cable, plug it back in, and start again at step 3.
“WHICH BOARD IS THIS?”	The board is too old to say what it is. Click the one you bought: WillFA7, GottFA80_Plus or Gosof. Not sure? Click “I don't know” and contact us.
“The USB port is busy”	Close any other program using the board, and try again.
“already up to date” or “already runs the latest version”	Nothing to do in Part 1. Answer Cancel if asked, and go on to Part 2.
“The update did not finish”	Unplug the cable, plug it back, and start again at step 3.
“The update was written, but the board did not confirm it”	Unplug the cable, plug it back in, and run the update page again: it shows the installed version.
“The update server cannot be reached”	Nothing was written. Check your Internet connection and try again.
“This board has no update here” or “did not pass its security check”	Nothing was written. Contact us.
No FAControl network in the list	Check that the machine is on. The board may already be on your Wi-Fi: go to Part 3. If not, switch the machine off and on and wait one minute.
“COULD NOT JOIN … CHECK THE PASSWORD”	The password was wrong. The FAControl network is back: start again at step 7.
“NETWORK … NOT FOUND”	Check the name. The board only sees 2.4 GHz Wi-Fi. Start again at step 7.
`pstore-1.local` does not open	Check that the computer is on the same Wi-Fi as the board, wait one minute, and try again. If the FAControl network is back, the board could not join: start again at step 7. You can also use the board's IP address, shown in your router's list of devices.
“UPDATE SERVER NOT REACHABLE”	The board is on your Wi-Fi but cannot reach the Internet. Check the connection, then click **CHECK AGAIN**.
“FAILED: … YOU CAN TRY AGAIN”	Leave the machine on and click the install button again.
The page stopped opening after a router restart	Switch the machine off and on: the board then joins your Wi-Fi again.

Still stuck? Write to **contact@pinballs.store** with a photo of your screen.