

# Firmware Update

Changelog



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### **BCN3D EMBEDDED OS (v0.16.0):**

- Updated SigmaSBC version to v0.15.0.
- New rtl driver added to give compatibility to all wifi dongles using rtl8192eu chipset
- A restart of all the UPS services is done when the VendorID and ProductID of the UPS is detected via USB. This way the error "SmartCabinet lost the comm. with the printer" is solved.

### **EMBEDDED SOFTWARE (v0.15.0)**

#### Features:

- QR with the linked issue on Smart Cabinet Icon.
- When the user is going to print, after the build plate calibration notification, the printer will check if the mesh mapping is enabled. If it is, a Mesh Mapping notification will pop up.
- Now, if a print is paused (no matter why) the print job data is saved to be resumed if the printer is turned off and then on. If the print job is resumed, the print job data is marked as stale and the recovery screen won't be shown after booting up.
- A feedback process showing the most common issues has been added after canceling a print job or rating it below 4 stars. This way the user is allowed to report the issues and we can fix them faster.

#### Bugfix:

- In some cases, if the cloud registration error wasn't catch up, the printer remained in an infinite processing loop, a timeout has been added to prevent a forced reset.
- When recovering a dupli/mirror job the purge of the right extruder was done at the middle of the bed, now the purge is done before entering dupli/ mirror mode (extruders at home positions).
- When recovering a print job where the active extruder was the right one, after recovering the job the print continued with the left one, now fixed.
- The hotends are turned off after a Nylon Cleaning.

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**BCN3D MARLIN (v0.10.0):** Marlin version stays the same.

**SMART CABINET FW (v0.3.0):**

- Now, a reading of the real fan's speed is done using its tachometer. If a fan failure is detected the heater will be turned off no matter the current state of the SC.