

# Firmware Update

Changelog



# Firmware Update

## Changelog

---

### **BCN3D EMBEDDED OS (v1.8.2)**

#### **Changed**

- Updated SigmaSBC version to v0.25.0.
- Updated Marlin FW version to v0.20.0.

### **EMBEDDED SOFTWARE (v0.24.0):**

#### **Added**

- New welcome Wizard: It includes a brand new workflow for printers with autocalibration.
- Added an automatic Z cleaning routine before every printjob for an improved first layer quality.

#### **Changed**

- Mesh mapping improvement and cleaning routine optimization: More accurate and fine-tuned results when performing mesh mapping.
- Changed Mesh Mapping matrix dimensions to a 6x4.
- New mesh mapping screens to add information about each process.
- Mesh mapping is switched off after performing a material change.
- Improved automatic Z cleaning routine parametrization.
- Updated SigmaSBC version to v0.25.0.

# Firmware Update

## Changelog

---

### Fixed

- Printing time: It used to count the elapsed time, now it counts the remaining calculated time (countdown).
- Heating process screen: The bed temperature was not shown on screen, now it is.

### BCN3D MARLIN (v0.19.0):

#### Changed

- Mesh Mapping routine optimized for autocalibration machines. It will probe the build plate surface with 1 single probe instead of 2. Traveling and probing speeds have also been adjusted.
- Nozzle cleaning routine before printing optimized for different material profiles. Parametrization of G120.
- Updated Marlin version to v0.20.0.

**SMART CABINET FW (v0.3.1):** Stays the same.