

# Updates on Librem 5 Shipping and Development

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- [Librem 5 Birch?s 10k? Resistor Fun, Devices Prepping for Shipping](#) [4]

Purism is working to solve no shortage of problems; making a phone with a never-before used CPU for mobile, to authoring an entire mobile OS, to designing the hardware from scratch. Not to forget forging a social purpose company, avoiding toxic funding, and solving digital civil rights by creating products that are convenient to use and look good. All because of your continued support.

Many of our customers are interested in what goes on behind the scenes when making a phone, so we wanted to share for transparency the kinds of issues that can come up. For instance, with our Birch batch, we sent our hardware engineers the very first phones off of the line ahead of schedule so they could perform quality control testing. We discovered a 10k? resistor was missing from the PCBA!

- [The Librem 5 "Birch" Batch Was Missing A Resistor But Now Fixed](#) [5]

Librem 5 "Birch" batch was supposed to be shipping from 29 October to 26 November. They

are now preparing to start shipping this second iteration of the Librem 5 Linux smartphone after early units in this batch were missing a resistor.

The missing resistor on the Librem 5 phone PCB led to a non-working USB port. It's not clear how the resistor ended up missing from this batch or if it had been in place for the Aspen batch or not.

- [Librem 5 October 2019 Software Update](#) [6]

The Librem 5 software team were busy in October, improving power consumption and heat generation through kernel and driver changes. The team also refactored and improved integration between various apps by using libfolks as a common foundation, added new features to keyboard, Settings, Shell and Compositor and squashed many bugs.

- [Purism Outlines Librem 5 Software Work During October - Including Battery / Thermal](#) [7]

Purism has finally published their blog post outlining the software work they accomplished during October on bringing up the Librem 5 smartphone.

October's software efforts included kernel items like working to improve the battery life and reduce the heat output of the work-in-progress Librem 5 as well as maturing their user-space components.

[GNU Linux Gadgets](#)

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**Source URL:** <http://www.tuxmachines.org/node/130547>

**Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/144>

[2] <http://www.tuxmachines.org/taxonomy/term/63>

[3] <http://www.tuxmachines.org/taxonomy/term/139>

[4] <https://puri.sm/posts/librem-5-birchs-10kohm-resistor-fun-devices-prepping-for-shipping/>

[5] [https://www.phoronix.com/scan.php?page=news\\_item&px=Librem-5-Birch-Missing-Resistor](https://www.phoronix.com/scan.php?page=news_item&px=Librem-5-Birch-Missing-Resistor)

[6] <https://puri.sm/posts/librem-5-october-2019-software-update/>

[7] [https://www.phoronix.com/scan.php?page=news\\_item&px=Librem-5-October-Software](https://www.phoronix.com/scan.php?page=news_item&px=Librem-5-October-Software)