

What you need to know about System76's open source firmware project

By *Rianne Schestowitz*

Created *21/01/2020 - 9:43am*

Submitted by Rianne Schestowitz on Tuesday 21st of January 2020 09:43:24 AM

When you power on your computer, there's a lot more going on than you might think. One of the most important elements involved is the embedded controller (EC). This is what is responsible for providing abstractions for the battery, charging system, keyboard, touchpad, suspend/resume, and thermal control, among others. These controllers are typically proprietary and usually run proprietary firmware.

System76 is about to change that paradigm. Recently, the company adopted coreboot for their Galago Pro and Darter Pro laptop models. Now they intend to extend the open source approach to the EC. There is a project associated with Chrome OS devices called Chromium EC that is open source; however, it is only available for Chromebooks and specific EC chips. System76 wanted to supply their customers with an open source embedded controller firmware, too.

[1]

Source URL: <http://www.tuxmachines.org/node/133137>

Links:

[1] <https://opensource.com/article/20/1/system76-open-source-firmware>