

Devices: Purism Phones, Taicenn for Cars, Linux for Devices, and Samsung TVs

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- [Purism to Bring Hardware Encryption to Its Librem 5 Privacy-Focused Linux Phone](#)[3]

Purism announced today that it partnered with leading cryptography pioneer Werner Koch to integrate hardware encryption into its upcoming Librem 5 Linux phone and future laptops products.

Purism is a computer manufacturer known for its security-focused and privacy-oriented laptops powered by the PureOS Open Source Linux-based operating system based on Debian GNU/Linux. The company recently announced that it now has the most secure Linux laptops thanks to the implementation of Heads integrated TPM (Trusted Platform Module) chips in the coreboot firmware in its Librem 13 and Librem 15 laptops.

Now, the company says that it wants to push the industry forward and set unparalleled protection for end-user devices by planning to include hardware cryptography by default in its forthcoming Librem 5 Linux smartphone and all future revisions of the Librem 13 and Librem 15 laptops, as well as the yet-to-be-announced Librem 11 model. Purism will be able to achieve this goal by manufacturing hardware with its own software and services.

- [In-vehicle panel PC has up to 10.4-inch touchscreen](#)[4]

Taicenn's Linux-ready, IP65 protected ?TPC-DCXXXC1E? in-vehicle panel PC runs on a Bay Trail Celeron J1900, and has an 8- to 10.4-inch capacitive touchscreen, 2x GbE ports, SATA, mSATA, and wide-range power.

- [The Shift to Linux Operating Systems for IoT \[5\]](#)

As IoT devices become more full-featured, the Operating System that drives them is shifting from Real Time Operating Systems (RTOS) to Linux.

[...]

By this time (circa 2005), Linux was widely used in certain computing environments such as servers and was enjoying a steadily increasing footprint for some embedded environments such as TVs. It was quickly seen as a good building block for smartphones, as it brought out of the box a modern full-featured Operating System with very good device driver support, and that was considered both scalable for the new generation of devices and had the added benefit of being royalty free.

- [Samsung announces its 2018 Tizen TV lineup \[6\]](#)

Samsung is hitting us with its best shot as the tech company unveils its 2018 Smart TV lineup. The line up which was unveiled at an event in New York has Samsung offering us details of its new QLED model which includes the Q9F, Q8F, Q7C and Q6F. The new QLED line with enhanced picture quality, design element and also integrated with Bixby. Samsung also gave details of its expanded lineup of Ultra HD certified, Premium UHD and Super Big Screen TVs.

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