

Devices/Embedded: Asus Tinker Board 2 and More

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- [Asus Tinker Board 2 single-board computer now available for \\$94 and up - Liliputing](#) [2]

The Asus Tinker Board 2 is a Raspberry Pi-shaped single-board computer powered by a Rockchip RK3399 hexa-core processor and featuring 2GB to 4GB of RAM. First announced almost a year ago, the Tinker Board 2 is finally available for \$99 and up.

Asus also offers a Tinker Board 2S model that's pretty similar except that it has 16GB of eMMC storage. Prices for that model start at about \$120.

- [Raspberry Pi Weekly Issue #371 - Sir Clive Sinclair, 1940 ? 2021](#) [3]

This week ended with the incredibly sad news of the passing of Sir Clive Sinclair. He was one of the founding fathers of home computing and got many of us at Raspberry Pi hooked on programming as kids.

Join us in sharing your Sinclair computing memories with us on Twitter and our blog, and we'll see you next week.

- [cuplTag battery-powered NFC tag logs temperature and humidity \(Crowdfunding\) - CNX Software](#) [4]

Temperature and humidity sensors would normally connect to a gateway sending data to the cloud, the coin-cell battery-powered CulpTag NFC tag instead sends data to your smartphone after a tap.

CulpTag is controlled by an MSP430 16-bit microcontroller from Texas Instruments which reads and stores sensor data regularly into an EEPROM, and the data can then be read over NFC with the tag returning an URL with the data from the sensor and battery, then display everything on the phone's web browser (no app needed).

- [A first look at Microchip PolarFire SoC FPGA Icicle RISC-V development board - CNX Software](#)[5]

Formally launched on Crowd Supply a little over a year ago, Microchip PolarFire SoC FPGA Icicle (codenamed MPFS-ICICLE-KIT-ES) was one of the first Linux & FreeBSD capable RISC-V development boards. The system is equipped with PolarFire SoC FPGA comprised a RISC-V CPU subsystem with four 64-bit RISC-V (RV64GC) application cores, one 64-bit RISC-V real-time core (RV64IMAC), as well as FPGA fabric.

Backers of the board have been able to play with it for several months ago, but Microchip is now sending the board to more people for evaluation/review, and I got one of my own to experiment with. That's good to have a higher-end development board instead of the usual hobbyist-grade board. Today, I'll just have a look at the kit content and main components on the board before playing with Linux and FPGA development tools in an upcoming or two posts.

- [What is IoT device management?](#) [6]

Smart devices are everywhere around us. We carry one in our pocket, watch movies on another while a third cooks us dinner. Every day there are thousands of new devices connecting to the Internet. Research shows that by 2025, more than 150,000 IoT devices will come online every minute. With such vast numbers it is impossible to keep everything in working order just on your own. This brings the need for IoT device management. But what is IoT device management? To answer this question we first need to understand what the Internet of Things (IoT) is.

- [Beelink U59 mini PC with Intel Celeron N5095 Jasper Lake coming soon - Liliputing](#)[7]

Beelink says the system ships with Windows 10, but it should also supports Linux.

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[Beelink U59 Celeron N5095 Jasper Lake mini PC to ship with 16GB RAM, 512GB SSD - CNX Software](#)^[8]

Beelink U59 is an upcoming Jasper Lake mini PC based on the Intel Celeron N5095 15W quad-core processor that will ship with up to 16GB RAM, and 512 GB M.2 SSD storage.

The mini PC will also offer two 4K HDMI 2.0 ports, a Gigabit Ethernet port, WiFi 5, as well as four USB 3.0 ports, and support for 2.5-inch SATA drives up to 7mm thick.

[Hardware](#)

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- [2] <https://liliputing.com/2021/09/asus-tinker-board-2-single-board-computer-now-available-for-94-and-up.html>
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