Elkhart Lake powers mini-ATX with up to 6 2.5GbE ports

The MI05-00K is a Mini ITX board specialized for embedded networks applications and developed by Jetway. This motherboard comes with an Elkhart Lake Quad-processor enabled with support for SSD storage, LTE and WIFI.

The processor found in this motherboard is the Intel Celeron J6412 Elkhart Lake quad-core processor (4C/4T) which features a base frequency of 2.0 and a max frequency of 2.6GHz. The motherboard only provides one DDR4 SODIMM slot (up to 16GB @ 3200MHz.).

Automation Kit packs RP12040 chip and supports 5Km LoRa

Yesterday, SB Components Ltd launched an Automation Kit platform based on the Raspberry Pi Pico with Long Range support. This LoRa based platform can be used in embedded applications that require long-range connectivity and low power such as smart agricultural
apps, smart homes, etc.

The Automation Kit Platform consists of four products, an 4-channel relay board based on Lora and RP2040 MCU, an 8-channel relay board based on LoRa and RP2040 MCU, an USB Dongle based on LoRa and RP2040 MCU and a Raspberry Pi HAT based on LoRa.

- **GSoC22 ? File Highlighting in Thunar** [4]

  This feature is possible with the support by Thunar's lead developers - Alexander Schwinn (alexxcons), Sergios - Anestis Kefalidis (SKefalidis) and Yongha Hwang (MShrimp4).

- **Kernel now 5.15.60 with RTLXXXU driver** [5]

  I have had email communications with Muthukrishnan, Realtek wifi not working, but it does work on a different Linux distribution. He has investigated firmware, but narrowed the problem down to a missing kernel driver. This is part of one of his emails:

  The issue appears to be that CONFIG_RTL8XXXU is not set in the kernel config setting. Since the firmware for my laptop is RTL8723BU, it appears to be not loading it at the time of booting.

- **393 ? Quantum of Solus ? mintCast** [6]

  First up in the news: Vanessa is finally here, so is the Linux kernel version 5.19, which was published from an M1 Mac by Linus Torvalds

  In security and privacy, Sale of over a billion Chinese users? data found, DuckDuckGo is (finally) blocking Microsoft trackers, and Linux 6.0 to have run-time verification for running on safety critical systems

  Then in our Wanderings, Bill is hearing things, Moss is losing power, Joe is soldering on, and Norbert is taming the fox

- **How SQLite Helps You Do ACID** [7]

  The rollback journal is a simple trick to simulate atomicity and isolation and to provide durability to a database. Simple tricks are the best kind of tricks when you write a database so
it's a great place to start.

- Level up your HTML document with CSS | Opensource.com [8]

When you write documentation, whether that's for an open source project or a technical writing project, you should have two goals: The document should be written well, and the document should be easy to read. The first is addressed by clear writing skills and technical editing. The second can be addressed with a few simple changes to an HTML document.

HyperText Markup Language, or HTML, is the backbone of the internet. Since the dawn of the "World Wide Web" in 1994, every web browser uses HTML to display documents and websites. And for almost as long, HTML has supported the stylesheet, a special addition to an HTML document that defines how the text should appear on the screen.

You can write project documentation in plain HTML, and that gets the job done. However, plain HTML styling may feel a little spartan. Instead, try adding a few simple styles to an HTML document to add a little pizzazz to documentation, and make your documents clearer and easier to read.

Source URL: http://www.tuxmachines.org/node/168303

Links: