Devices: Seeed, Nexcom and Kontron

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- Seeed IoT Button for AWS Brings Back Amazon Dash Button to Life for Developers [4]

  Amazon introduced $5 dash buttons in 2015 to let consumers purchase regular items such as washing powder by simply pressing a button. Some people hacked them for other purposes, for instance as WiFi logging buttons, but the company eventually stopped selling the buttons in February 2019 and fully killed those at the end of August.

- Rugged embedded PC supports Linux on Apollo Lake [5]

  Nexcom’s rugged, Linux-ready ?NISE 108? embedded computer has an Apollo Lake Celeron, triple display support with dual DP, 2x GbE, 4x USB, 3x COM, and M.2 and mini-PCIe expansion.

  Nexcom announced a 185 x 131 x 54mm industrial gateway that runs Linux 4.1 or Win 10 IoT Enterprise on a quad-core, 1.5GHz Celeron J3455 from Intel’s Apollo Lake generation. The fanless NISE 108 is larger and more feature rich than last year’s Apollo Lake based NISE 51, which uses a dual-core, Apollo Lake Celeron N3550.
Kontron has launched a 3.5?-inch SBC-WLU SBC that runs Linux or Win 10 on an 8th Gen Whiskey Lake CPU with up to 64GB DDR4, 2x GbE, 4x USB, triple display support, and triple M.2 slots including a CNVi-ready slot.

Kontron's 3.5?-inch SBC-WLU joins at least four other Linux-ready 3.5-inch boards with Intel's 8th Gen Whiskey Lake-UE processors (see farther below). The SBC may be late to the Whiskey Lake party, but it brings a nice party gift: an M.2 E-key slot that supports Intel Integrated Connectivity (CNVi) WiFi/Bluetooth modules, including Intel Wireless-AC and Intel Wireless-Access Point cards.