Hardware and Devices With Linux or Similar

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- **Amazing science from the winners of Astro Pi Mission Space Lab 2019?20** [2]

- **What is an IoT-Ready PC?** [3]

  Can your PC or laptop handle IoT applications? This means it should have the ruggedness and extra connectivity support for IoT devices such as Arduino or Raspberry Pi, while supporting OS such as Windows 10 IoT Core.

- **The PongMate CyberCannon Mark III is a surefire way to never lose at beer pong** [4]

  If you participate in beer pong, and your skills aren?t up to the challenge, you might be in for a rough time. While ?practice makes perfect,? if you?d rather shortcut this process then engineers Nils Opgenorth and Grant Galloway have just the solution with their Arduino-powered PongMate CyberCannon Mark III.

  This wrist-mounted launcher uses a time-of-flight sensor, along with an inertial measurement unit to calculate the vertical and horizontal distance to the red Solo cup, marked with a small laser. Bubble levels help users fix the device in the horizontal direction and five programmable RGB LEDs indicate when it?s ready to shoot.

- **BCM MX4305UE Industrial Mini-ITX Motherboard Features Intel Celeron 4305UE Processor** [5]

The board supports both Windows 10 and Linux distributions.

- **Apollo Lake industrial mini-PC supports Linux** [6]

Vecow?s Linux-ready, -40 to 75°C tolerant ?SPC-4010C? industrial mini-PC is built around a dual-core Apollo Lake SoC with up to 8GB RAM, 2x GbE, SATA, HDMI, 4x USB, and 2x mini-PCIe with SIM card and mSATA.

Vecow announced a minor revision to its Apollo Lake based SPC-4010 mini-PC called the SPC-4010C. If you already know about the SPC-4010, all you need to do is read the following paragraph. However, if like us, you are new to the SPC-4000 series, you may be interested in joining us for a brief tour of all six Apollo Lake based SPC-4000 models below. The fanless systems supports Linux and Win 10 for machine vision, robot control, infotainment, factory automation, intelligent control, and other compact AIoT applications.

Hardware

Source URL: http://www.tuxmachines.org/node/140514

Links:
[1] http://www.tuxmachines.org/taxonomy/term/39
[2] https://www.raspberrypi.org/blog/winners-astro-pi-mission-space-lab-2019-20/
[3] https://www.iottechtrends.com/what-is-iot-ready-pc/
[4] https://blog.arduino.cc/2020/07/31/the-pongmate-cybercannon-mark-iii-is-a-surefire-way-to-never-lose-at-beer-pong/
[5] https://www.cnx-software.com/2020/07/31/bcm-mx4305ue-industrial-mini-itx-motherboard-features-intel-celeron-4305ue-processor/
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