Devices Leftovers

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- **Khadas VIM3L (Amlogic S905D3) Benchmarks, Settings & System Info** [4]

  Khadas VIM3L is the first Amlogic S905D3 SBC on the market and is sold as a lower-cost alternative to the company?s VIM3 board with a focus on the HTPC / media player market.

- **Semtech SX1302 LoRa Transceiver to Deliver Cheaper, More Efficient Gateways** [5]

- **In-vehicle computer supports new MaaS stack** [6]

  Axiomtek?s fanless, rugged ?UST100-504-FL? automotive PC runs Ubuntu 18.04 or Windows on 6th or 7th Gen Intel chips, and offers SATA, HDMI, 2x GbE, 4x USB 3.0, 3x mini-PCIe, a slide-rail design, and the new AMS/AXView for MaaS discovery.

  Axiomtek announced a rugged in-vehicle PC that runs Ubuntu 18.04, Windows 10, or Windows 7 on Intel?s Skylake or Kaby Lake processors. The UST100-504-FL is aimed at ?in-

vehicle edge computing and video analytics applications,? and is especially suited for police and emergency vehicles, says Axiomtek. There?s also a new Agent MaaS Suite (AMS) IoT management suite available (see farther below).

- **Google Launches the Pixel 4 with Android 10, Astrophotography, and Motion Sense**[7]

  Google officially launched today the long rumored and leaked Pixel 4 smartphone, a much-needed upgrade to the Pixel 3 and 3a series with numerous enhancements and new features.

  The Pixel 4 smartphone is finally here, boasting upgraded camera with astrophotography capabilities so you can shoot the night sky and Milky Way without using a professional camera, a feature that will also be ported to the Pixel 3 and 3a devices with the latest camera app update, as well as Live HDR+ support for outstanding photo quality.

- **Repurposing A Toy Computer From The 1990s** [8]

  Our more youthful readers are fairly likely to have owned some incarnation of a VTech educational computer. From the mid-1980s and right up to the present day, VTech has been producing vaguely laptop shaped gadgets aimed at teaching everything from basic reading skills all the way up to world history. Hallmarks of these devices include a miserable monochrome LCD, and unpleasant membrane keyboard, and as [HotKey] found, occasionally a proper Z80 processor.

  [...]

  After more than a year of tinkering and talking to other hackers in the Z80 scene, [HotKey] has made some impressive headway. He?s not only created a custom cartridge that lets him load new code and connect to external devices, but he?s also added support for a few VTech machines to z88dk so that others can start writing their own C code for these machines. So far he?s created some very promising proof of concept programs such as a MIDI controller and serial terminal, but ultimately he hopes to create a DOS or CP/M like operating system that will elevate these vintage machines from simple toys to legitimate multi-purpose computers.

GNU Linux Hardware

Source URL: http://www.tuxmachines.org/node/129384

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[4] https://www.cnx-software.com/2019/10/16/khadas-vim3l-amlogic-s905d3-benchmarks-settings-system-info/

[5] https://www.cnx-software.com/2019/10/16/semtech-sx1302-lora-transceiver-to-deliver-cheaper-more-efficient-gateways/

[6] http://linuxgizmos.com/in-vehicle-computer-supports-new-maas-stack/

[7] https://news.softpedia.com/news/google-launches-the-pixel-4-with-android-10-astrophotography-and-motion-sense-527834.shtml

[8] https://hackaday.com/2019/10/14/repurposing-a-toy-computer-from-the-1990s/